



GENERAL CATALOGUE

60Hz





OUR COMMITMENT TO THE ENVIRONMENT

Sodeca has begun a new stage of study and design of new trends in ventilation which will help to preserve the environment and to make the energy saving which so much concerns today's society.



To obtain an **improvement in energy efficiency** of fans and of ventilation facilities, the engineering department of Sodeca has **balanced the energy consumption of the fans** with their maximum performance, in the habitual areas of work. This has required a restructuring of the curves and their presentation in this and future Sodeca catalogues.

SODECA has concentrated its activity on the production of industrial fans, ventilation systems and extractors for the removal of smoke in case of fire since 1983, when it was founded.

SODECA's fans and extractors are present in all European countries and in many parts of the world, thanks to the quality of the product and the methods of research and development used.

Our quality procedures used and certified by BUREAU VERITAS, in accordance with ISO 9001:2008, are another of the reasons which make **SODECA** one of the best and most renowned fan manufacturers in Europe.

Without a doubt, the most important factor to achieve our objectives is the human factor, the great professionals who work at your service, offering not only ventilation equipment but also solutions to any ventilation need required by our customers.

We sincerely offer you the possibility of visiting our facilities in Sant Quirze de Besora, with over 16,000 square metres of built area, where you will be able to see our fan manufacture with perfect clarity and with the highest standards of quality, complying with the ISO and AMCA standards.

This catalogue is only a small part of our possibilities. Do not hesitate to contact us. We will put all our experience and our human resources at your disposal.



*Installations
headquarters of
SODECA s.a.,
at Sant Quirze
de Besora and
manufacturing plant
in Santiago
de Chile.*



INDUSTRIAL FANS AND EXTRACTORS



Sodeca has specialised since its inception in the design and manufacture of fans and accessories for industrial applications.

The union of the experience acquired over decades of work with fans together with the technology supplied by engineers in different departments has made it possible for Sodeca to become one of the largest manufacturers of industrial ventilation in the world.

The industrial applications require a great capacity for adaptation to the specifications of each project and flexibility in manufacture, so as to fulfil the real needs of each client.

In order to fulfil this objective, Sodeca has a line of Standard products and a line of products with special manufacture, for the construction of fans adapted to the demands of our clients.

For years constant investments have been made in the development of internal processes and applications to achieve the manufacture and supply of special industrial fans, with an extremely limited design and manufacturing period.

Teamwork of our engineering department, together with universities and technology centres as well as close collaboration between the design departments of our external collaborators makes it possible to achieve innovative solutions of industrial ventilation in a short period of time.

Throughout our history, we have developed all kinds of technology in fans for industrial applications which are currently used all over the world. It is our objective to continue to invest in this sector so as to continue to be one of the most esteemed manufacturers of industrial fans in the world.

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FANS AND ROOF FANS



FANS AND IN-LINE EXTRACTORS



FANS FOR SMOKE EXTRACTION



**FANS FOR ATEX
EXPLOSIVE ATMOSPHERES
AND OTHER APPLICATIONS**



NEW BUSINESS OPPORTUNITIES

LOW-PRESSURE CENTRIFUGAL FANS



HEAT RECOVERY SYSTEMS AND FILTRATION UNITS



Ask us for information

**CENTRIFUGAL FANS FOR
COMMERCIAL AND INDUS-
TRIAL APPLICATIONS**



VENTILATION SYSTEM FOR HOUSES



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FULFILMENT OF STANDARDS

SODECA's fans and extractors comply with the following standards:

QUALITY	
ISO 9001:2008	Sistemas de gestión de la calidad. Requisitos. Quality management systems -- Requirements
TESTS	
ISO 5801	Ventiladores industriales. Ensayos de comportamiento en circuitos normalizados. Industrial fans -- Performance testing using standardized airways
AMCA 210-99	Ventiladores industriales. Métodos de ensayos de ventiladores y su representación de ensayos. Laboratory Methods of Testing Fans for Aerodynamic Performance Rating
UNE 100212:1990	Ventiladores. Dispositivos e instalaciones para el ensayo de ventiladores.
ISO 13350	Ventiladores industriales. Ensayos de comportamiento de ventiladores de chorro. Industrial fans -- Performance testing of jet fans
ISO 13348	Industrial fans -- Tolerances, methods of conversion and technical data presentation
FANS FOR HIGH TEMPERATURES	
EN 12101-3:2002	Sistemas de control de humos y calor. Parte 3: Especificaciones para aireadores extractores de humos y calor mecánicos. Smoke and heat control systems - Part 3: Specification for powered smoke and heat exhaust ventilators
ACOUSTICS	
ISO 3744	Acústica. Determinación de los niveles de potencia acústica de fuentes de ruido a partir de la presión acústica. Método de ingeniería para condiciones de campo libre sobre un plano reflectante. Acoustics -- Determination of sound power levels of noise sources using sound pressure -- Engineering method in an essentially free field over a reflecting plane
BALANCE AND VIBRATIONS	
ISO 1940-1	Vibraciones mecánicas. Calidad de equilibrado Mechanical vibration -- Balance quality requirements for rotors in a constant (rigid) state -- Part 1: Specification and verification of balance tolerances
ISO 10816-1	Vibraciones mecánicas. Evaluación de las vibraciones de máquinas Mechanical vibration -- Evaluation of machine vibration by measurements on non-rotating parts -- Part 1: General guidelines
ISO 14694	Ventiladores industriales. Especificaciones para equilibrado y niveles de vibración Industrial fans -- Specifications for balance quality and vibration levels
SAFETY (Declaration of EC Compliance)	
EN ISO 12100-1	Seguridad de las máquinas. Conceptos básicos, principios generales para el diseño. Parte 1: Terminología básica, metodología. Safety of machinery -- Basic concepts, general principles for design -- Part 1: Basic terminology, methodology
EN ISO 12100-2	Seguridad de las máquinas. Conceptos básicos, principios generales para el diseño. Parte 2: Principios técnicos. Safety of machinery -- Basic concepts, general principles for design -- Part 2: Technical principles
EN 60204-1	Seguridad de las máquinas. Equipo eléctrico de las máquinas. Parte 1: Requisitos generales. Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN 294	Seguridad de máquinas. Distancias de seguridad para impedir que se alcancen zonas peligrosas con los miembros superiores Safety of machinery; safety distances to prevent danger zones from being reached by the upper limbs
ISO 13857	Seguridad de máquinas. Distancias de seguridad para impedir que se alcancen zonas peligrosas con los miembros superiores e inferiores. Safety of machinery -- Safety distances to prevent danger zones being reached by upper and lower limbs
UNE 100250	Ventiladores industriales. Seguridad mecánica de los ventiladores (equivalente ISO 12499)
ISO 12499	Ventiladores industriales. Seguridad mecánica en los ventiladores Industrial fans -- Mechanical safety of fans -- Guarding
DIRECTIVES	
Directiva 2006/42/CE	Directiva de máquinas Machinery Directive
Directiva 2006/95/CE	Directiva de baja tensión Low Voltage Directive
Directiva 2004/108/CE	Directiva compatibilidad electromagnética EMC Directive
Directiva 89/106/CE	Directiva productos de construcción Construction Products Directive (CPD)
ATEX EXECUTIONS	
Directiva ATEX 94/9/CE	Aparatos y sistemas de protección para uso en atmósferas potencialmente explosivas Equipment and protective systems intended for use in potentially explosive atmospheres
EN 14986	Diseño de ventiladores para trabajar en atmósferas potencialmente explosivas. Design of fans working in potentially explosive atmospheres
EN 13463-1	Equipos no eléctricos destinados a atmósferas potencialmente explosivas. Parte 1: Requisitos y metodología básica. Non-electrical equipment for use in potentially explosive atmospheres - Part 1: Basic method and requirements
EN 1127-1	Atmósferas explosivas. Prevención y protección contra la explosión. Parte 1: Conceptos básicos y metodología. Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology

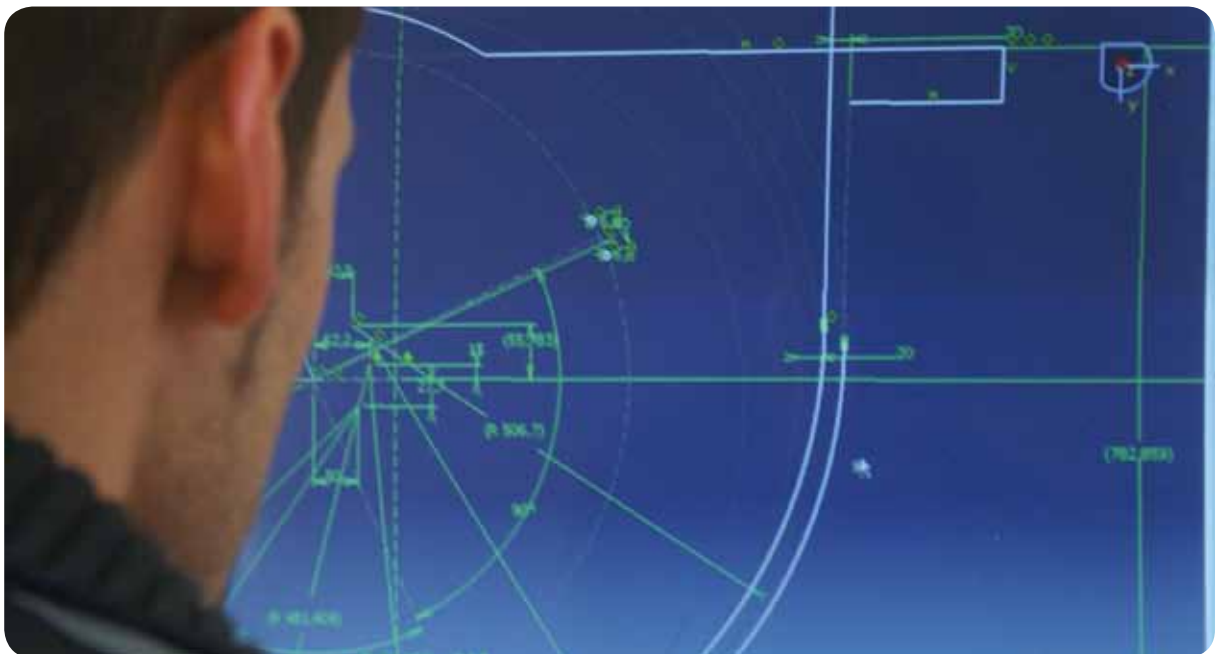
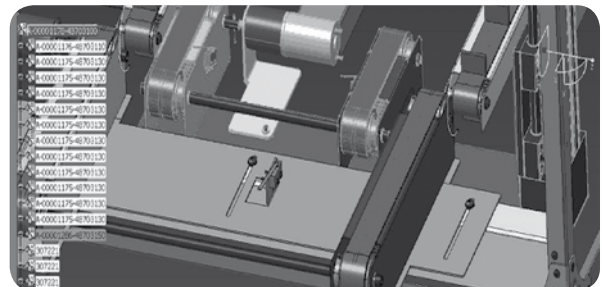


Our design, research and development department is working intensively to improve the quality and efficiency of our products day by day.

DESIGN, RESEARCH AND DEVELOPMENT

The modern facilities of our aerodynamic testing laboratory with an area of 450 m², are the nerve centre for the development of all our products. Here we obtain maximum reliability in the results from the strict checks to which we subject both products and manufacturing processes.

We have also begun a new stage of study and design of new trends in ventilation which will help to preserve the environment and to make energy savings.



SV SV/PLUS SV/ECO

SV: Low noise in-line duct fans mounted in acoustic casing

SV/PLUS: Low noise in-line duct fans mounted in acoustic casing with 50mm insulation

SV/ECO: Low noise in-line duct fans mounted in acoustic casing with 50 mm insulation, fitted with EC motors



SV



SV/PLUS



SV/ECO

Fan:

- Acoustic casing covered with deadening material
- SV: Impeller with backward-curved blades, except models 125-150-200, with multi-blade impeller
- SV/PLUS: Multi-blade impeller for all models
- SV/ECO: Backward-curved impeller for all models
- Standard flanged inlet and outlet to aid installation on duct
- They are supplied with 4 base stands to aid installation
- Linear air circulation
- T-models are fitted with 1-5 minute adjustable timer.

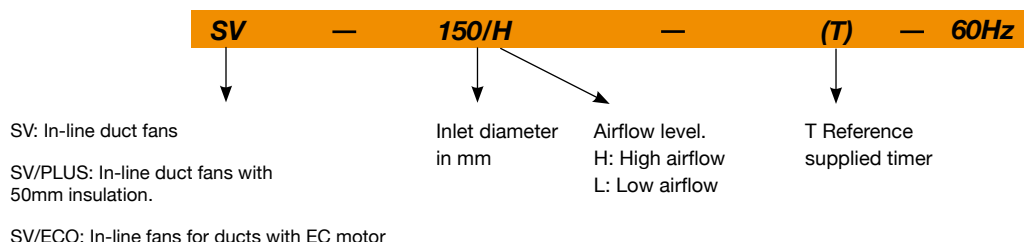
Motor:

- Class F motors with external rotor incorporated thermal protector, ball bearings and IP54 protection
- 220V single-phase. 60Hz. adjustable
- Max. air temperature to transport: + 50°C.
- SV/ECO: Highly-efficient brushless-EC motor, electronically controlled by means of a potentiometer of 10KΩ MTP010, or an external signal of 0-10VDC

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current 220V (A)	Installed power (kW)	Maximum airflow (m³/h)	Irradiated sound level dB(A)	Approx. weight (Kg)
SV-125/H	2664	0.65	0.08	400	32	5.2
SV-125/H-T	2664	0.65	0.08	400	32	5.2
SV-150/H	2640	1.25	0.17	560	40	6.8
SV-150/H-T	2640	1.25	0.17	560	40	6.8
SV-200/H	1488	0.85	0.12	880	44	8
SV-200/H-T	1488	0.85	0.12	880	44	8
SV-200/L	1536	0.75	0.1	760	42	8
SV-250/H	2856	0.95	0.14	1300	48	10.8
SV-250/L	2832	0.85	0.12	1000	46	10.8
SV-315/H	1596	0.75	0.12	2100	50	21
SV-350/H	1536	0.95	0.14	2850	51	28.5
SV-400/H	1680	1.8	0.3	3500	53	38

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 220V	Installed power (kW)	Maximum airflow (m³/h)	Irradiated sound level* dB(A)	Approx. weight (Kg)
SV/PLUS-125/H	2802	0.33	0.08	260	30	12
SV/PLUS-160/H	2976	0.59	0.14	465	36	13
SV/PLUS-200/H	1860	0.72	0.17	700	37	17
SV/PLUS-250/H	2498	1.15	0.27	1050	38	18

* Sound pressure level dB(A) are measurements at a distance of 1.5 meters

Model	Speed (r/min)	Maximum admissible current (A) 220V	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level to 50% of maximum speed* dB(A)	Approx. weight (Kg)
SV/ECO-125/H	4480	0.46	0.055	367	29	12.0
SV/ECO-160/H	3490	0.99	0.114	565	28	19.0
SV/ECO-200/H	3380	1.48	0.192	914	39	24.0
SV/ECO-250/H	3220	1.69	0.213	1107	32	24.0
SV/ECO-315/H	3580	2.8	0.448	1638	49	31.0

* Sound pressure level dB(A) are measurements at a distance of 1.5 meters

Acoustic features

The specified values are determined according to free field measurements of sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

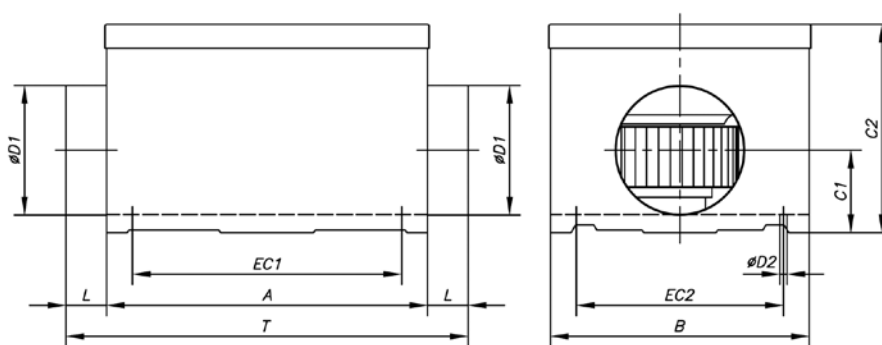
Sound power L_w(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
125/H	22	32	36	34	33	34	30	24
150/H	31	41	42	44	45	46	42	36
200/H	31	42	47	51	50	47	43	33
200/L	29	39	46	47	47	46	45	37
250/H	32	42	47	54	55	53	50	41
250/L	33	43	47	53	51	50	48	41
315/H	34	44	49	56	57	55	52	43
350/H	38	48	52	59	60	58	56	47
400/H	40	50	54	61	62	60	58	49

Model	63	125	250	500	1000	2000	4000	8000
SV/PLUS-125/H	35	46	52	57	64	62	55	48
SV/PLUS-160/H	43	54	61	66	72	71	67	63
SV/PLUS-200/H	43	55	58	62	69	68	66	61
SV/PLUS-250/H	49	58	64	70	72	80	70	65

Dimensions in mm

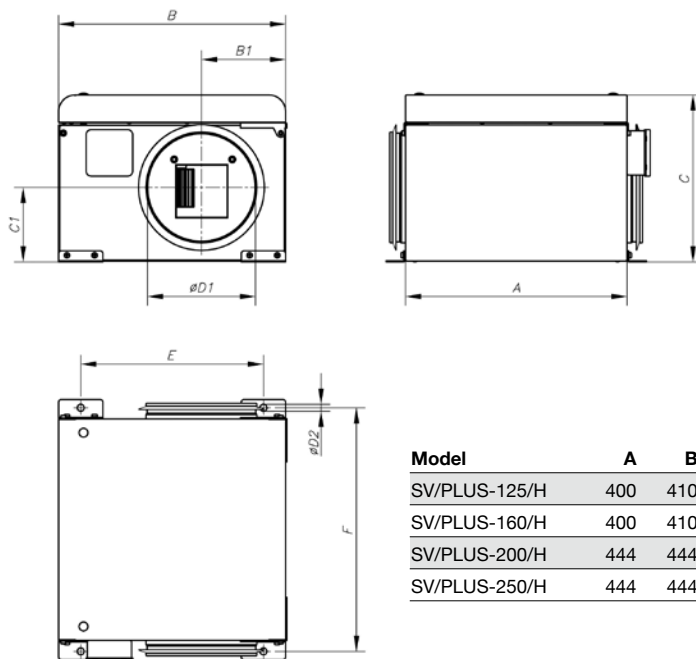
SV



Model	A	B	C1	C2	øD1	L	øD2	EC1	EC2	T
SV-125/H	310	250	80	201	125	36.5	7	260	200	383
SV-150/H	370	290	92	222	150	34.5	7	320	240	439
SV-200/H	430	340	117	246	200	34.5	7	380	290	499
SV-200/L	430	340	117	246	200	34.5	7	380	290	499
SV-250/H	480	395	140	296	250	51.5	7	430	345	583
SV-250/L	480	395	140	296	250	51.5	7	430	345	583
SV-315/H	565	490	173.5	370	315	55	8.5	515	440	675
SV-350/H	650	550	200	410	355	57	8.5	600	500	764
SV-400/H	725	610	200	454	400	70	8.5	675	560	865

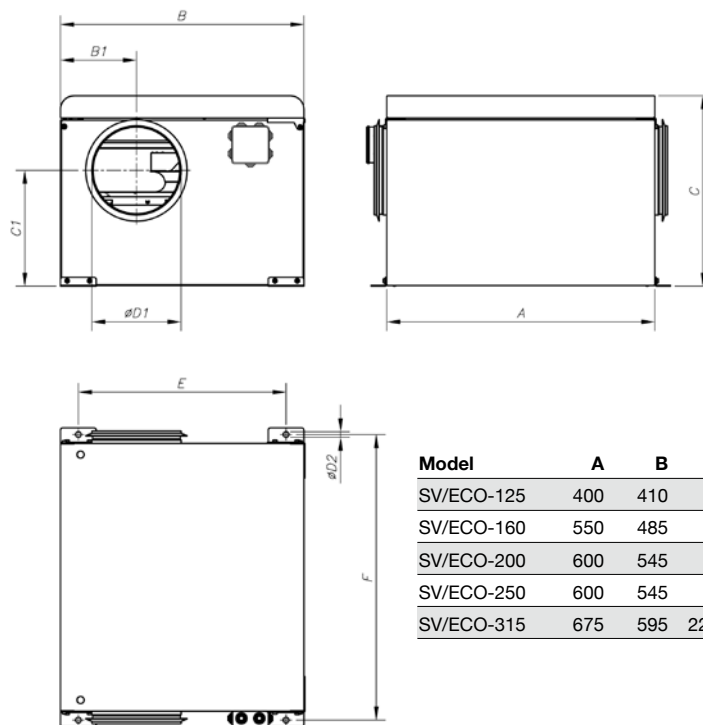
Dimensions in mm

SV/PLUS



Model	A	B	B1	C	C1	øD1	øD2	E	F
SV/PLUS-125/H	400	410	277	300	171.5	125	12.5	330	440
SV/PLUS-160/H	400	410	148.5	300	142.5	160	12.5	330	440
SV/PLUS-200/H	444	444	222	420	251.5	200	12.5	364	484
SV/PLUS-250/H	444	444	222	420	221.5	250	12.5	364	484

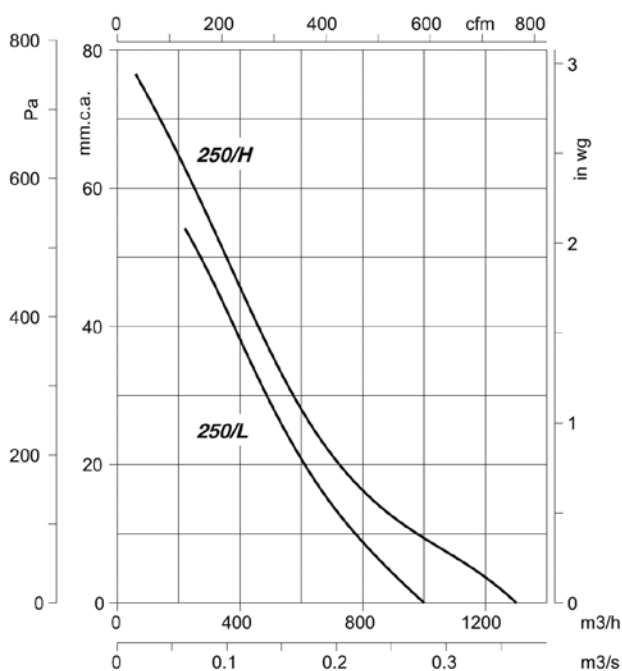
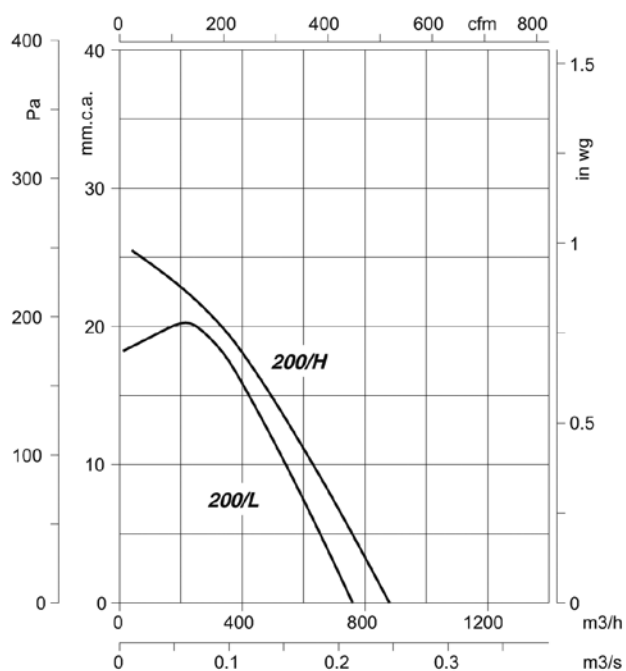
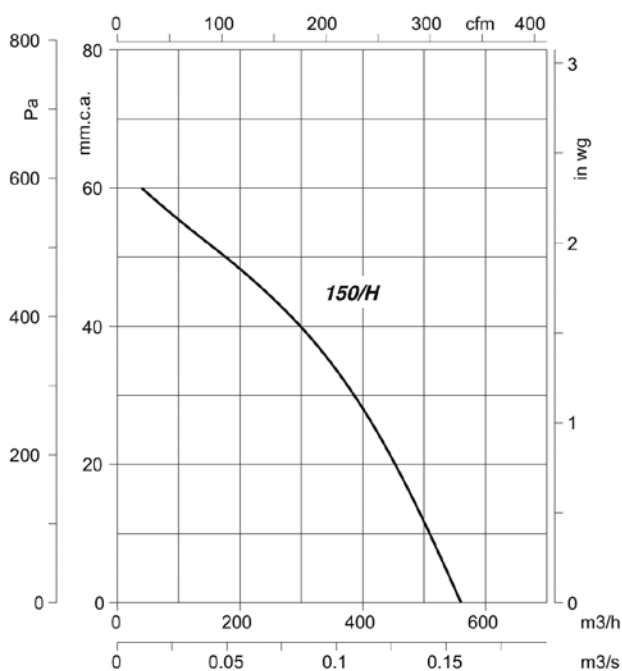
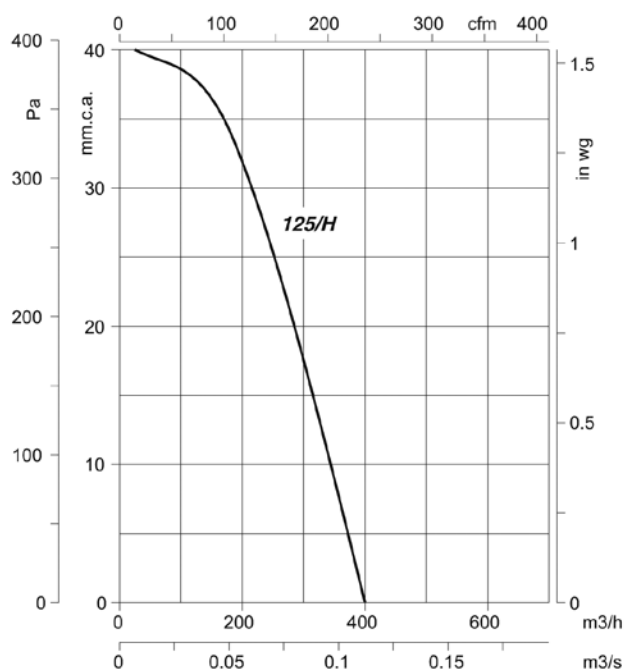
SV/ECO



Model	A	B	B1	C	C1	øD1	øD2	E	F
SV/ECO-125	400	410	205	325	165.5	125	12.5	330	440
SV/ECO-160	550	485	149	340	194.5	160	12.5	405	590
SV/ECO-200	600	545	170	425	259.5	200	12.5	465	640
SV/ECO-250	600	545	194	425	234.5	250	12.5	465	640
SV/ECO-315	675	595	227.5	475	251.5	315	12.5	515	715

Characteristic curvesQ = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

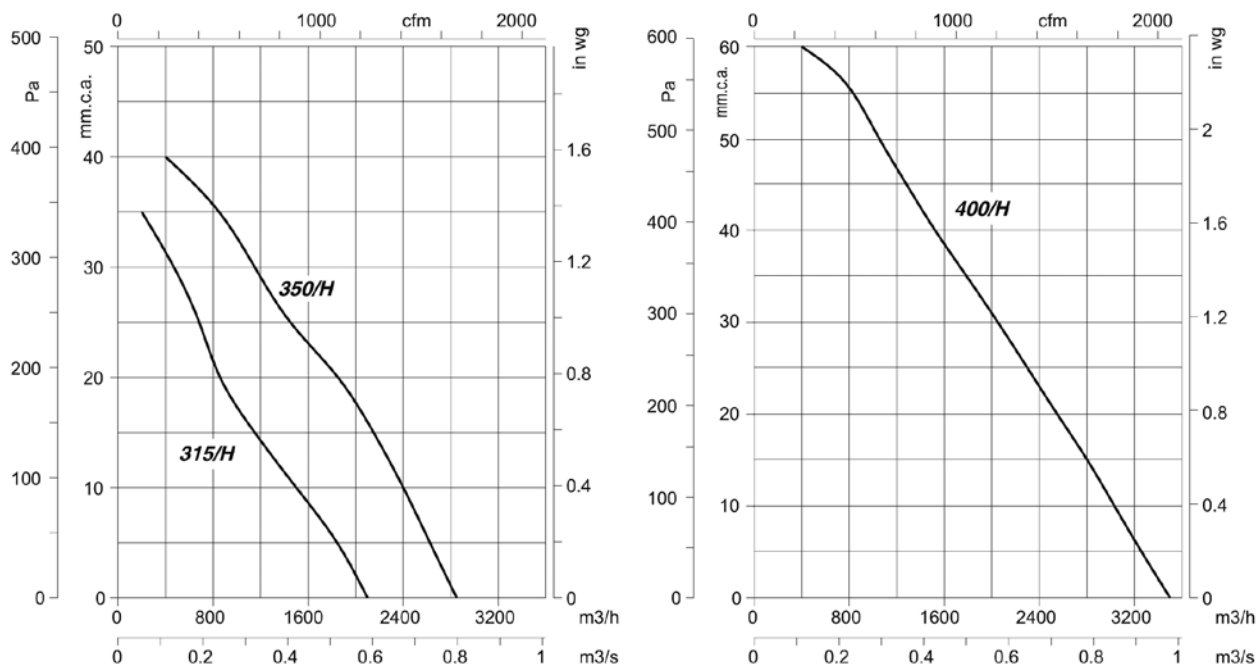
SV

Characteristic curves

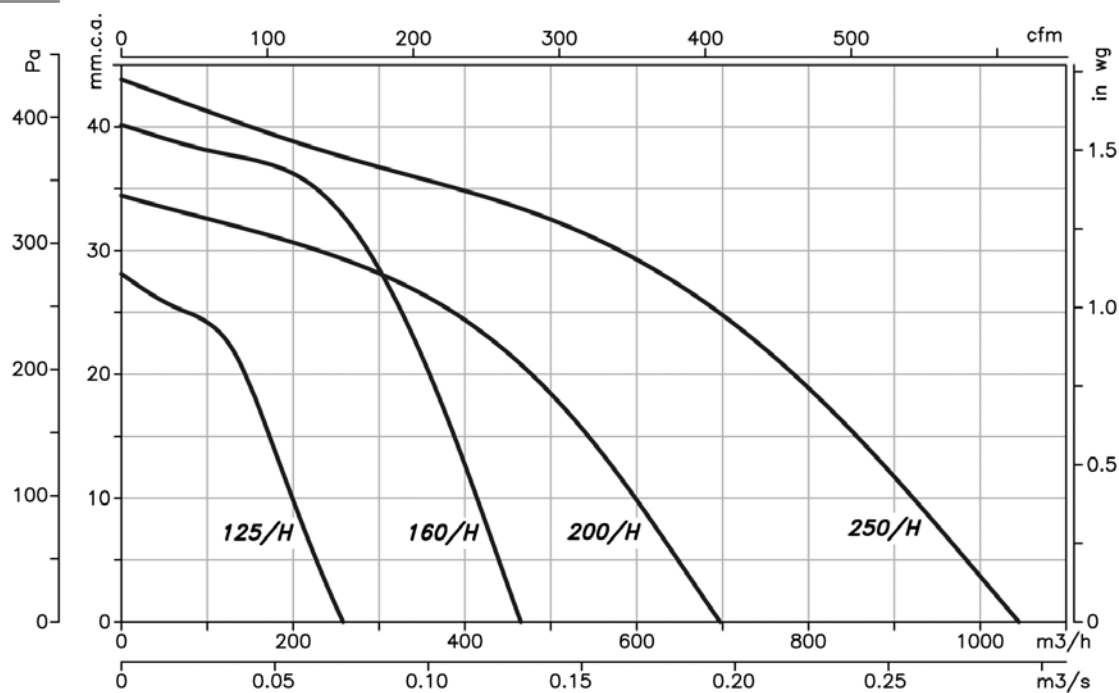
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and in wg.

SV



SV/PLUS

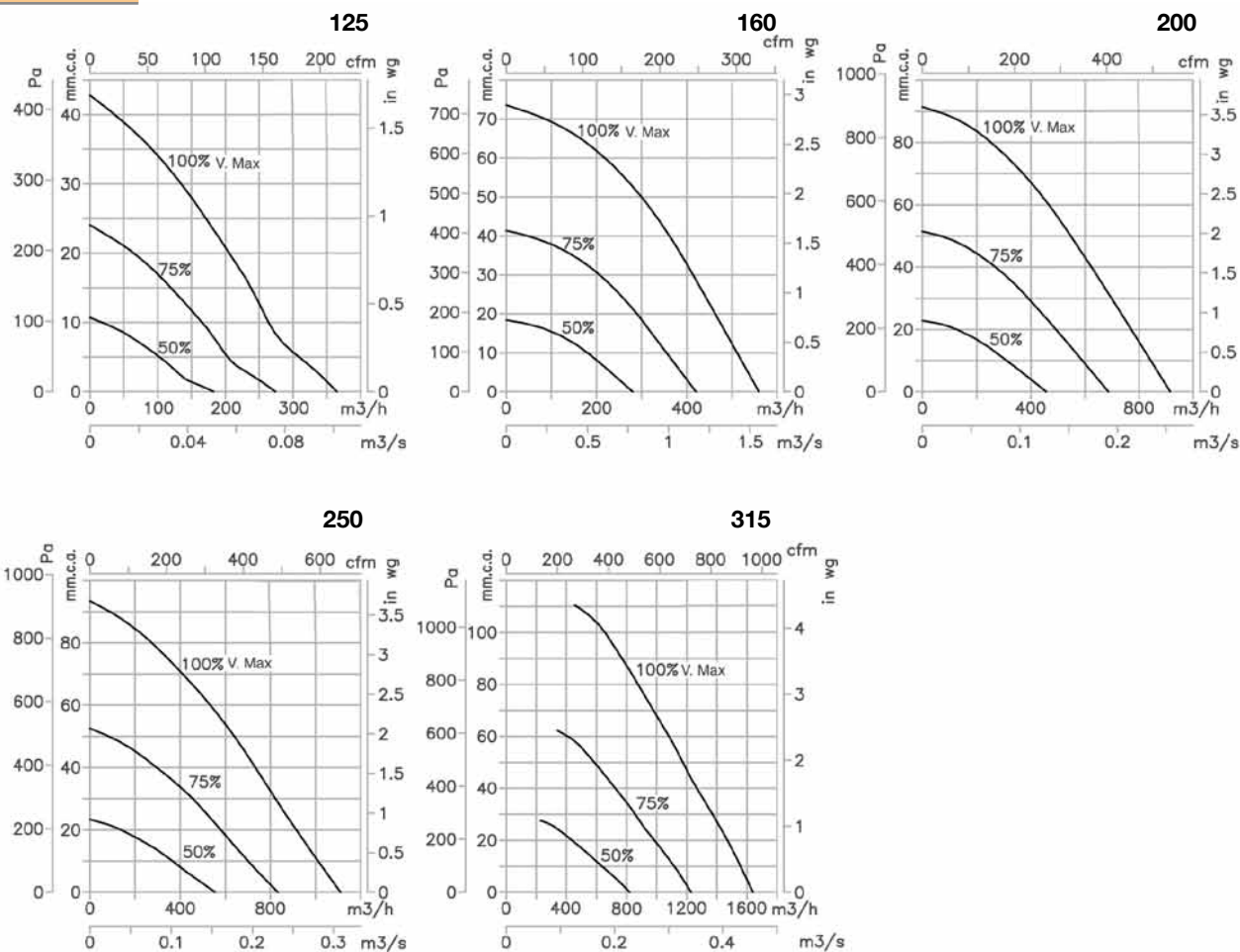


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

SV/ECO



Accessories

See accessories section.



CL CL/PLUS

CL: Low-profile, in-line rectangular duct fans with inspection cover to aid cleaning

CL/PLUS: In-line rectangular duct fans with 50mm insulation.

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- External connection box, IP-55 protection, V0 flame-retardant



CL



CL/PLUS

Motor:

- Motors with IE-2 efficiency, except lower powers 0.75 kW in single-phase motors and two-speed motors
- Class F external rotor motors with ball bearings, IP-54 protection
- 220V single-phase. 60Hz., and three-phase 220/380V. 60Hz.
- Working temperature: -20°C +50°C

Finish:

- Anticorrosive galvanized sheet steel.

Order code

CL — 250 — 4T — 60Hz

CL: Low-profile rectangular in-line duct fans

CL/PLUS: In-line rectangular duct fans with 50mm insulation.

Impeller size

Number of motor poles

4=1680 r/min. 60 Hz

6=1080 r/min. 60 Hz

8=900 r/min. 60 Hz

T=Three-phase
M=Single-phase

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Irradiated sound pressure level at 2/3 of Qmax dB(A) (1)	Approx. weight (Kg)
		220V	380V				
CL-200-4T	1524	0.94	0.54	0.12	1150	52	11
CL-200-4M	1380	0.68		0.08	860	51	11
CL-225-4T	1452	1.42	0.82	0.3	1700	53	17
CL-225-4M	1512	1.9		0.24	1670	53	18
CL-225-6T	864	0.73	0.42	0.08	1070	45	16
CL-225-6M	972	0.75		0.08	1080	45	16
CL-250-4T	1548	2.56	1.48	0.55	2650	55	21
CL-250-4M	1608	3.1		0.5	2350	54	23
CL-250-6T	1050	1.11	0.64	0.15	1630	49	19
CL-250-6M	1080	1.3		0.15	1500	48	21
CL-280-4T	1596	4.05	2.34	0.85	3100	60	30
CL-280-6T	984	1.42	0.82	0.2	2010	52	27
CL-280-6M	852	2.1		0.24	2120	53	28
CL-315-4T	1656	7.01	4.05	1.8	4160	65	44
CL-315-6T	1020	2.46	1.42	0.37	2820	54	34
CL-315-6M	1032	3.15		0.37	2780	54	34
CL-355-6T	1008	4.54	2.62	0.85	4200	58	46
CL-355-6M	1068	6.2		0.8	4070	58	53
CL-355-8T	744	2.15	1.24	0.37	3030	50	43
CL-400-6T	1056	7.88	4.55	1.7	7120	63	71
CL-400-8T	744	3.67	2.12	0.7	5020	55	66
CL-450-6T	1056	12.47	7.2	2.9	8900	64	94
CL-450-8T	816	7.38	4.26	1.3	7440	58	85

(1) The irradiated sound pressure levels dB(A) are free field measurements at 1 metre.

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Absorbed Power (kW)	Maximum airflow (m³/h)	Sound pressure level (1) inlet at 1/3 of Qmax dB(A)	Approx. weight (Kg)
		220V	380V				
CL/PLUS-200-4M	1416	1.8		0.36	1100	36	21
CL/PLUS-225-4M	1500	2.3		0.51	1650	38	23
CL/PLUS-250-4M	1428	3		0.69	1900	42	28
CL/PLUS-280-4M	1452	5.1		1.15	2900	47	37
CL/PLUS-315-4T	1560		4.1	2.5	5050	52	47
CL/PLUS-355-4T	1584		6	3.7	6300	58	78
CL/PLUS-400-4T	1596		8.1	5	7100	61	99
CL/PLUS-400-6T	996		4.9	2.7	7050	50.8	59
CL/PLUS-450-4T	1596		8.1	5	7200	62	111
CL/PLUS-450-6T	996		4.9	2.7	7800	51.8	60

(1) The sound pressure levels dB(A) are free field measurements at 1 metres.

Acoustic features

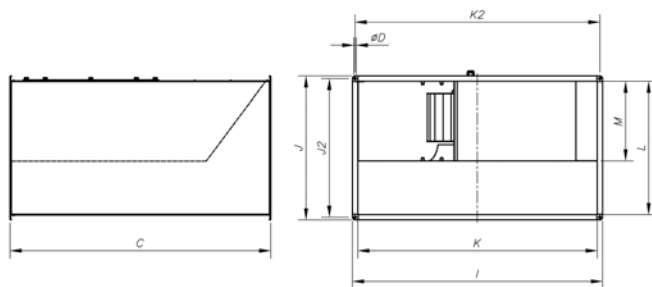
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
200-4	44	49	52	53	55	52	48	42
225-4	45	50	53	54	56	53	49	43
225-6	38	43	46	47	47	44	40	34
250-4	47	52	55	56	58	55	51	45
250-6	42	47	50	51	51	48	44	38
280-4	52	57	60	61	63	60	56	50
280-6	45	50	53	54	54	51	47	41
315-4	57	62	65	66	68	65	61	55
315-6	47	52	55	56	56	53	49	43
355-6	51	56	59	60	60	57	53	47
355-8	43	48	50	53	51	48	44	39
400-6	56	61	64	65	65	62	58	52
400-8	48	53	55	58	56	53	49	44
450-6	57	62	65	66	66	63	59	53
450-8	51	56	58	61	59	56	52	47

Model	63	125	250	500	1000	2000	4000	8000
CL/PLUS-200-4M	20	22	31	37	40	37	35	35
CL/PLUS-225-4M	29	27	33	43	44	38	42	40
CL/PLUS-250-4M	34	33	37	43	44	39	39	35
CL/PLUS-280-4M	44	37	41	44	48	44	41	40
CL/PLUS-315-4T	36	41	40	47	53	48	48	47
CL/PLUS-355-4T	41	41	49	55	58	54	52	51
CL/PLUS-400-4T	47	48	50	56	63	56	53	53
CL/PLUS-400-6T	37	38	40	46	53	46	43	43
CL/PLUS-450-4T	45	49	51	59	63	56	53	53
CL/PLUS-450-6T	35	39	41	49	53	46	43	43

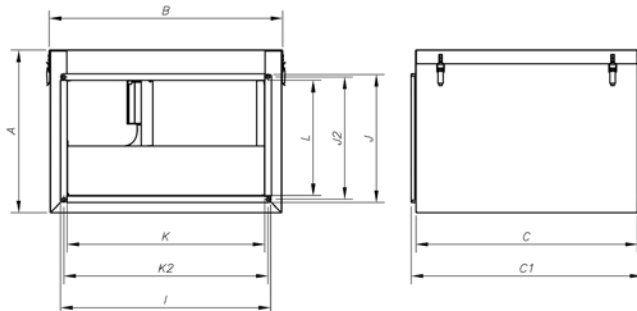
Dimensions in mm

CL



Model	C	øD	I	J	J2	K	k2	L	M
CL-200	450	ø9	440	240	220	400	420	200	115
CL-225	530	ø9	540	290	270	500	520	250	142
CL-250	560	ø9	540	340	320	500	520	300	155
CL-280	640	ø9	640	340	320	600	620	300	165
CL-315	700	ø9	640	390	370	600	620	350	175
CL-355	780	ø9	470	440	420	700	720	400	202
CL-400	880	ø9	840	540	520	800	820	500	285
CL-450	980	ø9	1040	540	520	1000	1020	500	300

CL/PLUS



Model	A	B	C	C1	I	J	J2	K	K2	L
CL/PLUS-200	338	507	417	445	440	240	220	400	420	200
CL/PLUS-225	393	605	502	530	540	290	270	500	520	250
CL/PLUS-250	443	605	532	560	540	340	320	500	520	300
CL/PLUS-280	443	705	612	640	640	340	320	600	620	300
CL/PLUS-315	493	705	672	700	640	390	370	600	620	350
CL/PLUS-355	562	811	752	780	740	440	420	700	720	400
CL/PLUS-400	662	911	852	880	840	540	520	800	820	500
CL/PLUS-450	662	1110	952	980	1040	540	520	1000	1020	600

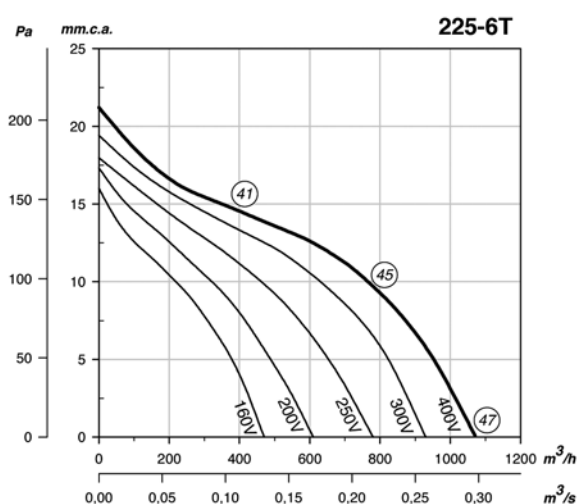
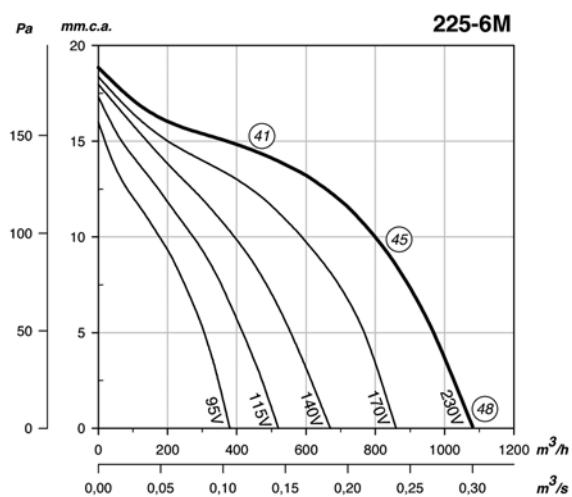
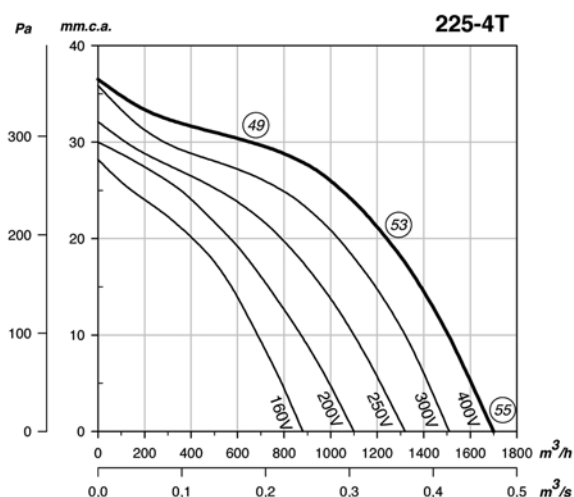
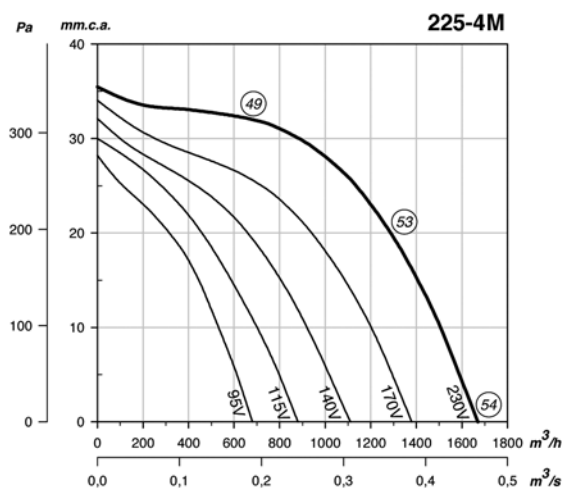
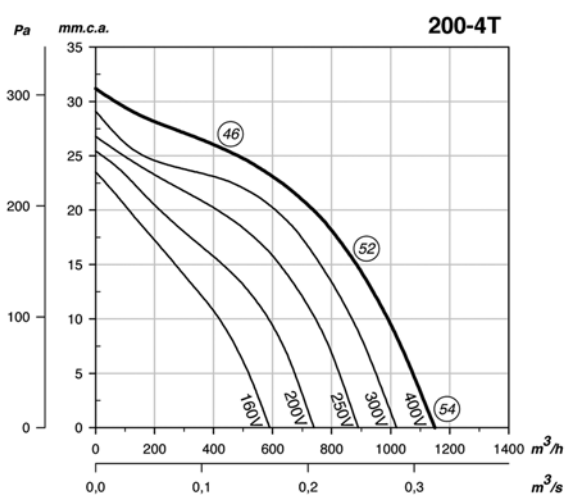
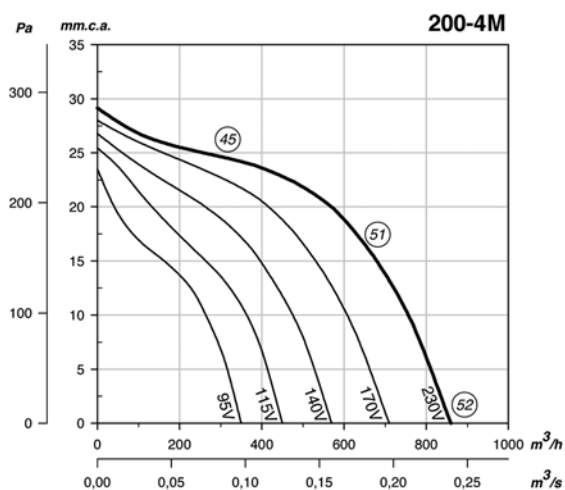
Characteristic Curves

Q = Airflow in m^3/h and m^3/s

Pe = Static pressure in mm.w.c. and Pa

The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

CL



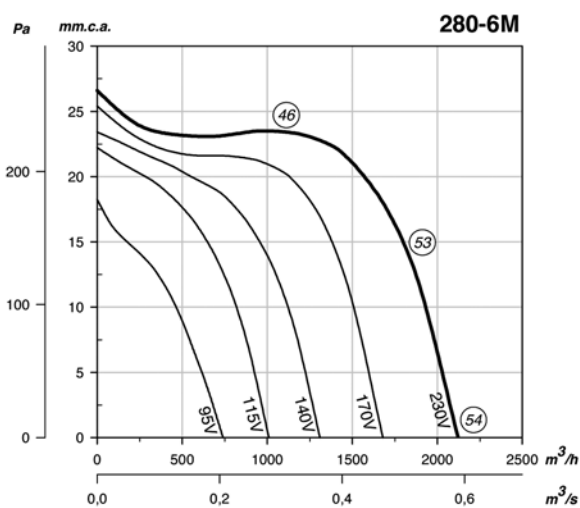
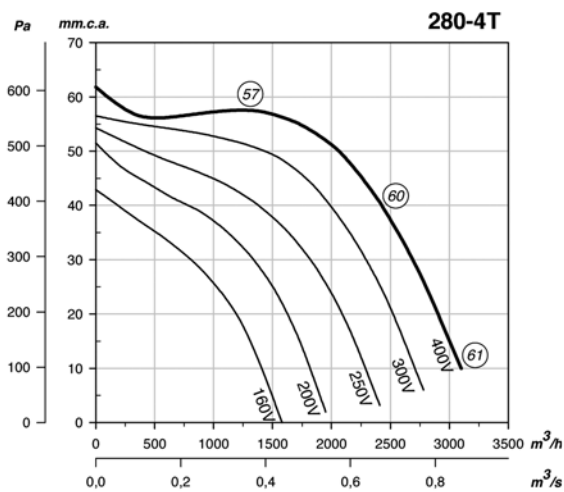
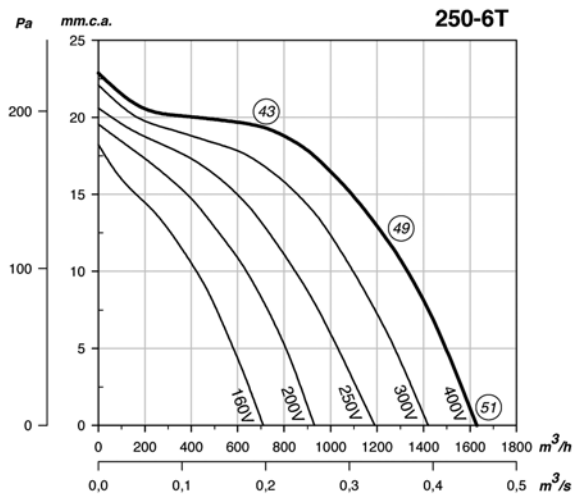
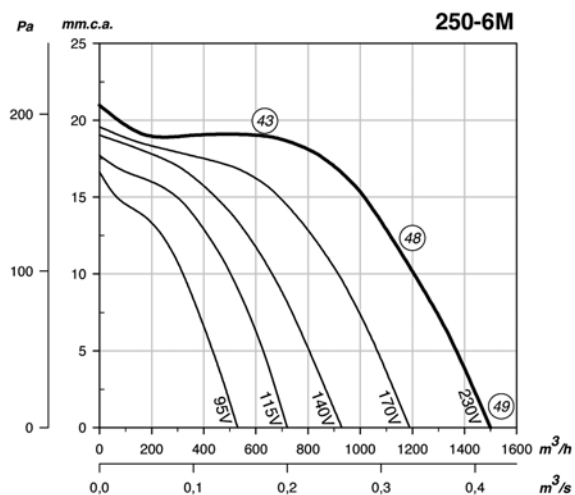
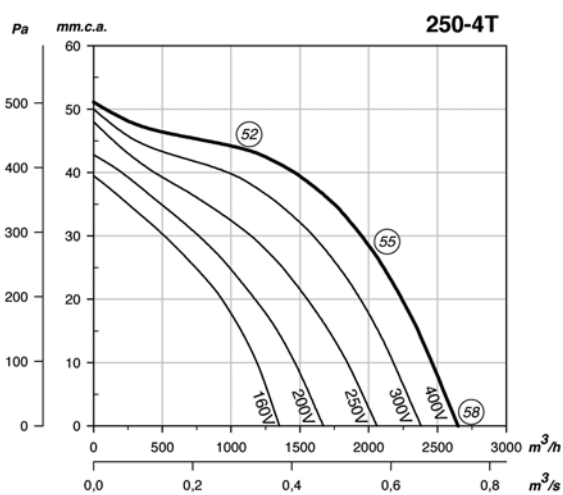
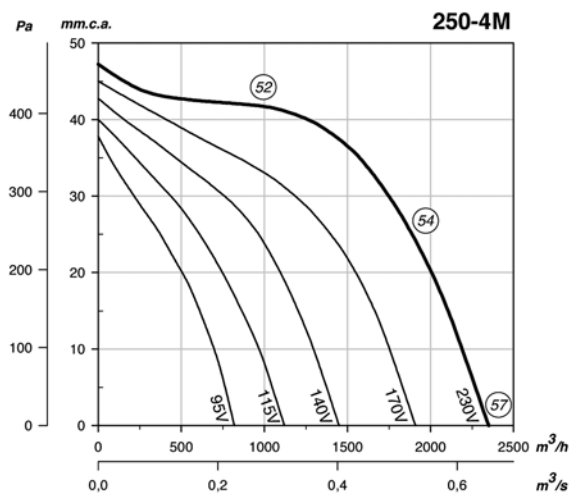
Characteristic Curves

Q = Airflow in m^3/h and m^3/s

Pe = Static pressure in mm.w.c. and Pa

The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

CL



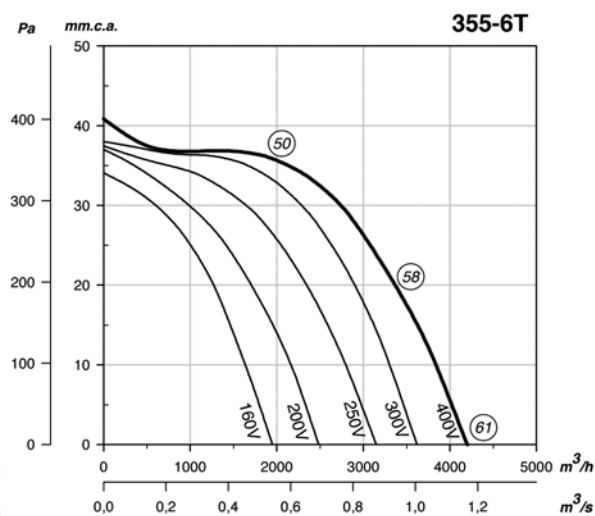
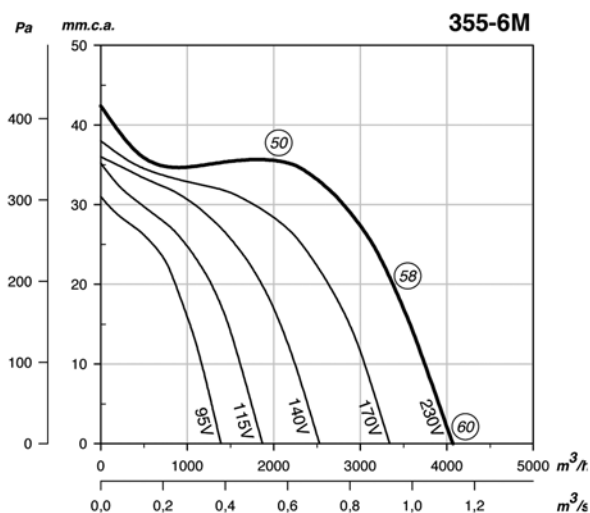
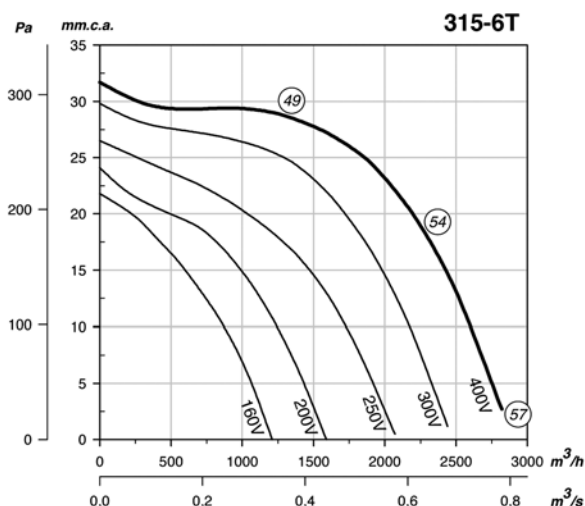
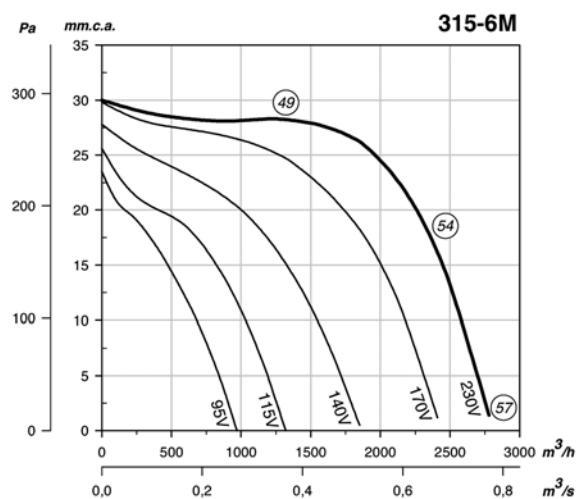
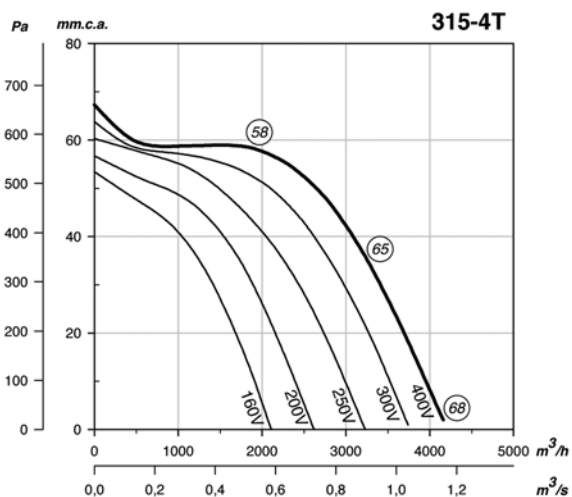
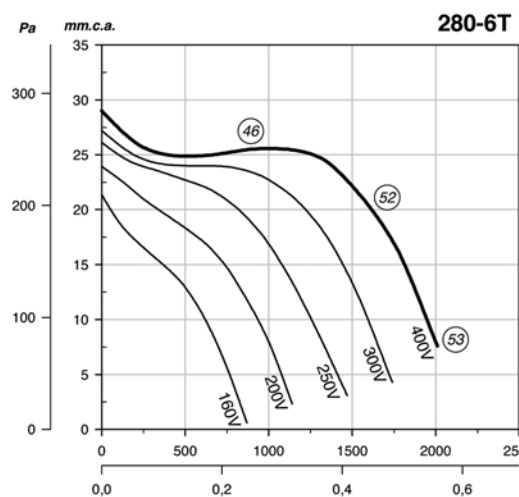
Characteristic Curves

Q = Airflow in m^3/h and m^3/s

Pe = Static pressure in mm.w.c. and Pa

The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

CL



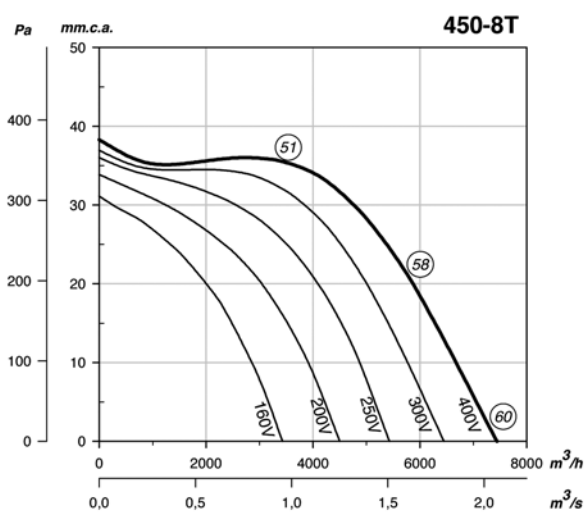
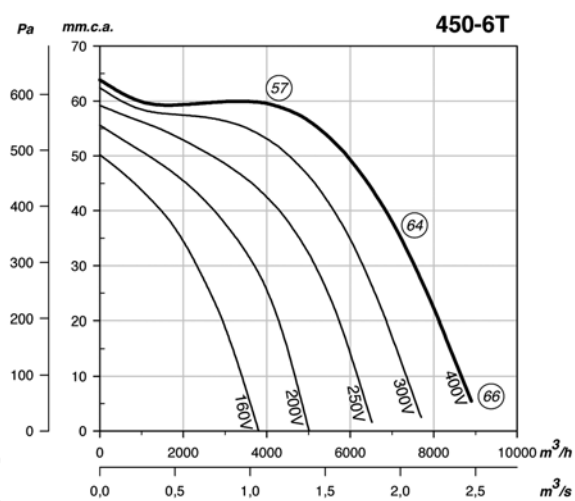
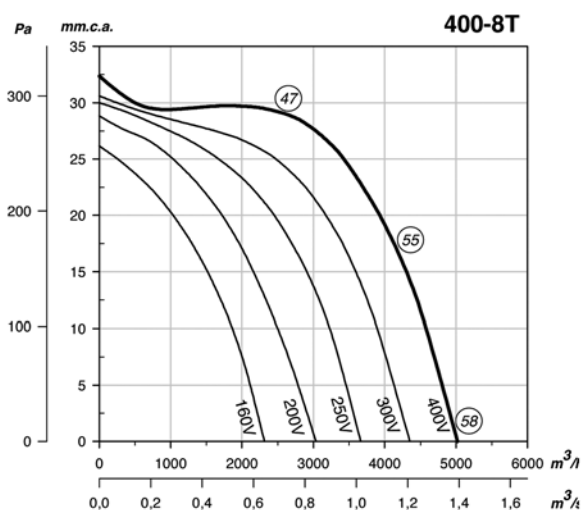
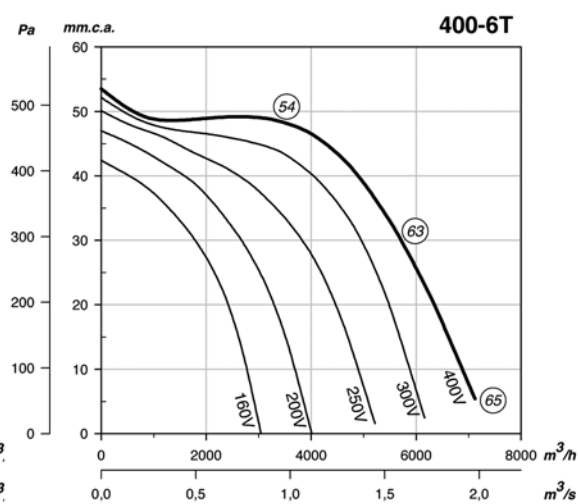
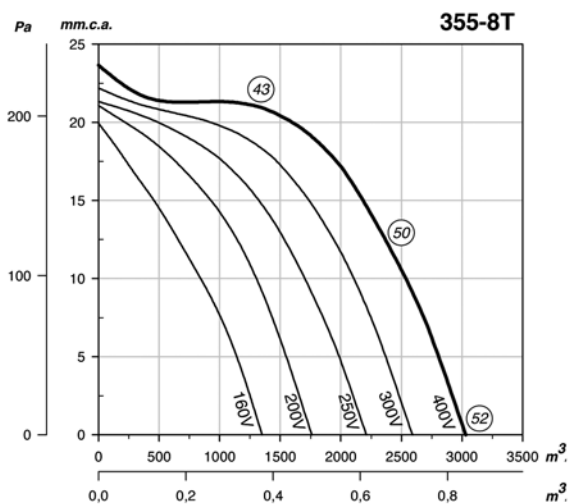
Characteristic Curves

Q = Airflow in m^3/h and m^3/s

Pe = Static pressure in mm.w.c. and Pa

The radiated sound levels given on the curves are free field pressure measurements at 1 metres.

CL

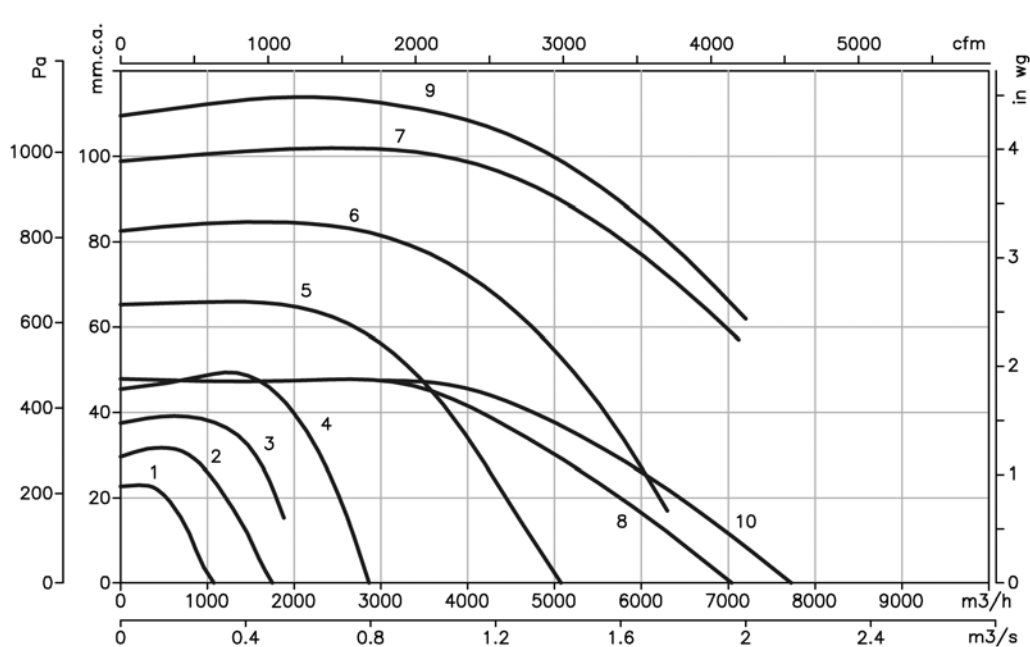


Characteristic Curves

Q = Airflow in m³/h and m³/s

Pe = Static pressure in mm.w.c. and Pa

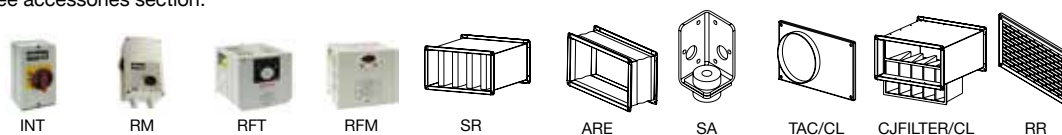
CL/PLUS



- 1. CL/PLUS-200-4M
- 2. CL/PLUS-225-4M
- 3. CL/PLUS-250-4M
- 4. CL/PLUS-280-4M
- 5. CL/PLUS-315-4T
- 6. CL/PLUS-355-4T
- 7. CL/PLUS-400-4T
- 8. CL/PLUS-400-6T
- 9. CL/PLUS-450-4T
- 10. CL/PLUS-450-6T

Accessories

See accessories section.



NEOLINEO

In-line fans for small ducts with removable covers with Long Life ball bearings



Fan:

- V0 flame-retardant plastic casing
- External terminal board, with variable position
- Quick and easy to install
- T-models are fitted with timer

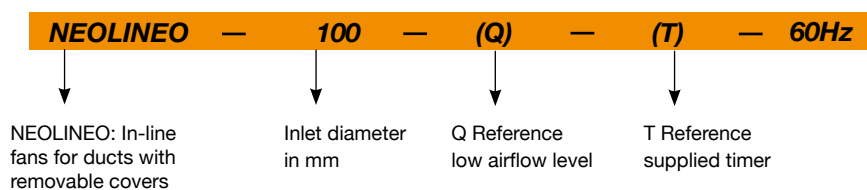
Motor:

- Motors with Long Life ball bearings, IPX4 protection, two-speed and adjustable
- Single-phase 220/380V. 60Hz
- Working temperature: -10°C +60°C

Finish:

- Made from white, V0 flame-retardant plastic

Order code



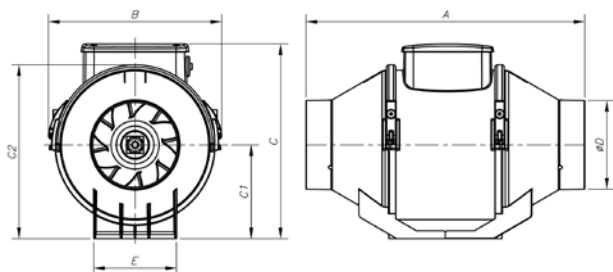
Technical characteristics

60Hz

Model	Speed max / min. (r/min)	Maximum admissible current 220V (A)	Absorbed Power (W)	Maximum airflow (m³/h)	Irradiated sound level* dB(A)	Approx. weight (Kg)
NEOLINEO-100-Q	2940 / 2484	0.07 / 0.05	15 / 12	200 / 155	29 / 25	1.22
NEOLINEO-100-Q T	2940 / 2484	0.07 / 0.05	15 / 12	200 / 155	29 / 25	1.22
NEOLINEO-100	2604 / 1908	0.11 / 0.09	23 / 20	255 / 180	30 / 25	1.795
NEOLINEO-100 T	2604 / 1908	0.11 / 0.09	23 / 20	255 / 180	30 / 25	1.8
NEOLINEO-125	2760 / 1920	0.15 / 0.11	33 / 25	365 / 250	33 / 27	1.8
NEOLINEO-125 T	2760 / 1920	0.15 / 0.11	33 / 25	365 / 250	33 / 27	1.8
NEOLINEO-150	2748 / 1824	0.26 / 0.18	58 / 40	550 / 385	33 / 28	2.4
NEOLINEO-150 T	2748 / 1824	0.26 / 0.18	58 / 40	550 / 385	33 / 28	2.4
NEOLINEO-160	2748 / 1824	0.26 / 0.18	58 / 40	550 / 385	34 / 28	2.4
NEOLINEO-160 T	2748 / 1824	0.26 / 0.18	58 / 40	550 / 385	34 / 28	2.4
NEOLINEO-200-Q	3264 / 2136	0.37 / 0.22	75 / 45	950 / 700	36 / 30	3.7
NEOLINEO-200	2868 / 2280	0.64 / 0.43	145 / 98	1060 / 790	38 / 32	3.7
NEOLINEO-200 T	2868 / 2280	0.64 / 0.43	145 / 98	1060 / 790	38 / 32	3.7
NEOLINEO-250-Q	3024 / 2088	0.5 / 0.4	110 / 85	990 / 720	39 / 37	7.1
NEOLINEO-250	3168 / 2340	0.78 / 0.48	180 / 110	1350 / 990	40 / 38	7.1
NEOLINEO-315	3000 / 2184	1.32 / 0.9	300 / 200	2300 / 1740	47 / 41	11.4

(*) The radiated sound pressure levels are free field measurements at 3 metres with rigid tubes during inlet and outlet.

Dimensions in mm

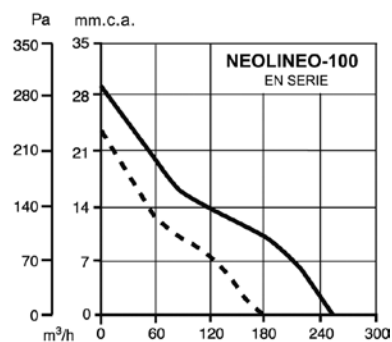
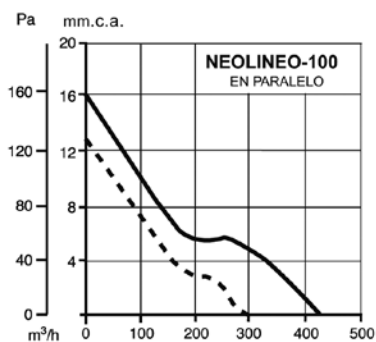
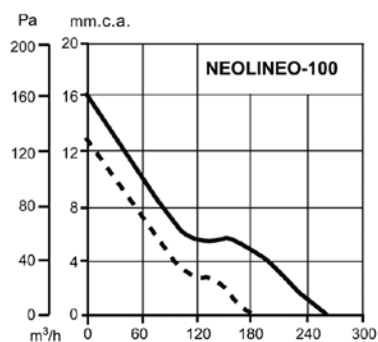
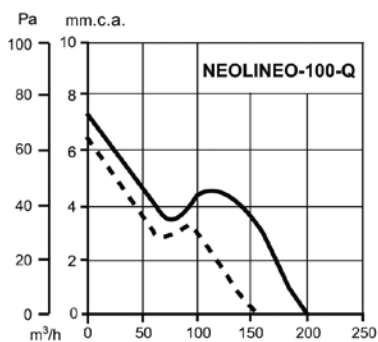


Model	A	B	C	C1	C2	øD	E
NEOLINEO-100-Q	231	156	174	82	152	96	95
NEOLINEO-100-Q T	231	156	174	82	152	96	95
NEOLINEO-100	303	188.5	211	101.5	189	96	90
NEOLINEO-100 T	303	188.5	211	101.5	189	96	90
NEOLINEO-125	258	188.5	211	101.5	189	122	90
NEOLINEO-125 T	258	188.5	211	101.5	189	122	90
NEOLINEO-150	294	214.5	234	112.5	212	146	110
NEOLINEO-150 T	294	214.5	234	112.5	212	146	110
NEOLINEO-160	272.5	214.5	234	112.5	212	156	110
NEOLINEO-160 T	272.5	214.5	234	112.5	212	156	110
NEOLINEO-200-Q	300	234.5	260.5	125.5	235	196	140
NEOLINEO-200	300	234.5	260.5	125.5	235	196	140
NEOLINEO-200 T	300	234.5	260.5	125.5	235	196	140
NEOLINEO-250-Q	385	300	317	152.5	292	247	176.5
NEOLINEO-250	385	300	317	152.5	292	247	176.5
NEOLINEO-315	448	361.5	392.5	188.5	359	312	220.5

Characteristic Curves

Q = Airflow in m³/h
Pe = Static pressure in mm.w.c., Pa

— Maximum speed
- - - Minimum speed



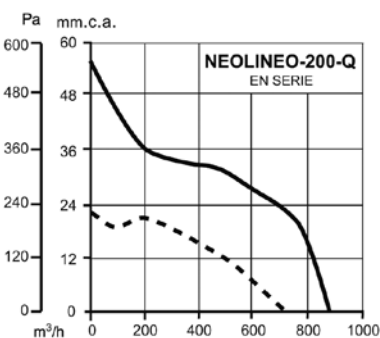
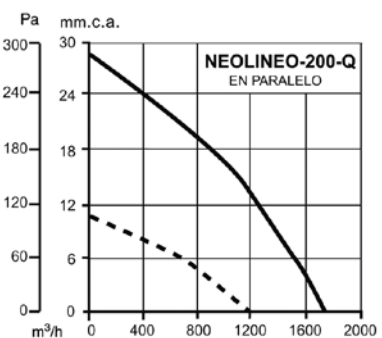
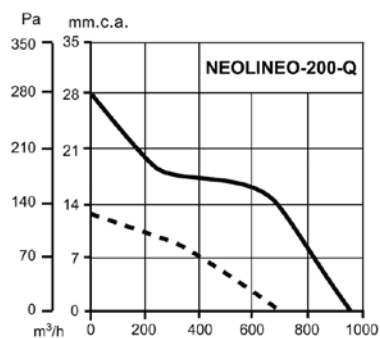
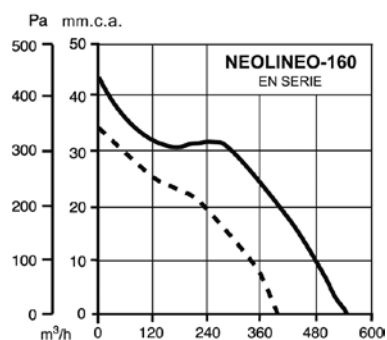
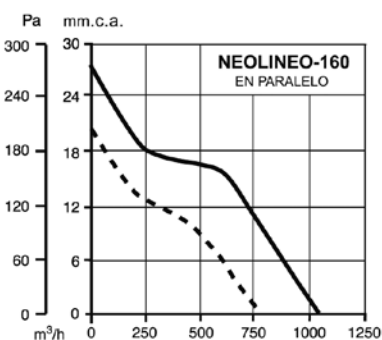
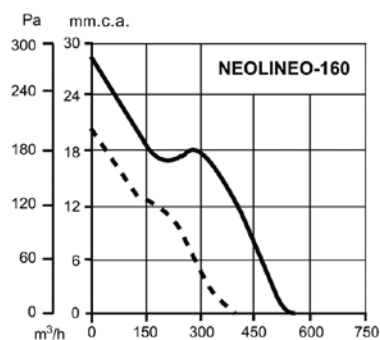
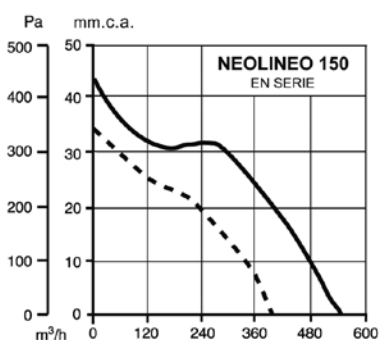
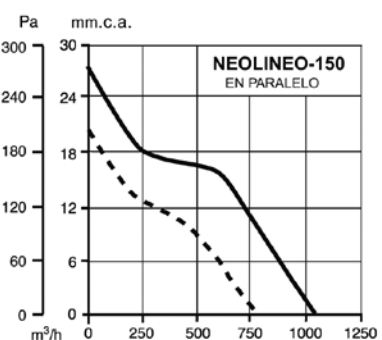
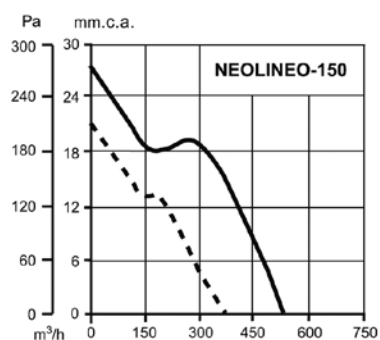
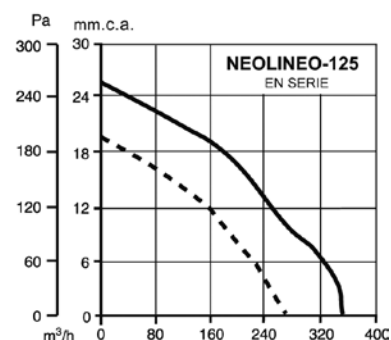
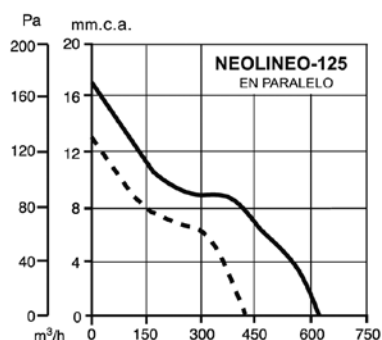
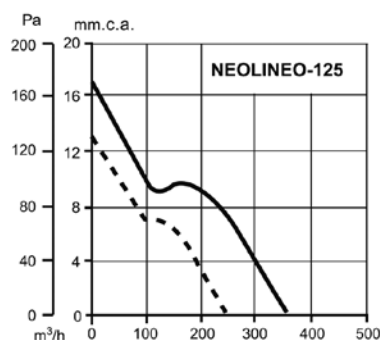
Characteristic Curves

Q = Airflow in m³/h

Pe = Static pressure in mm.w.c., Pa

— Maximum speed

- - - Minimum speed

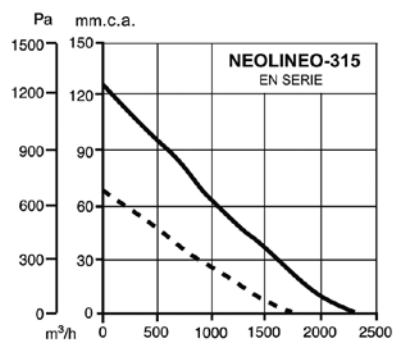
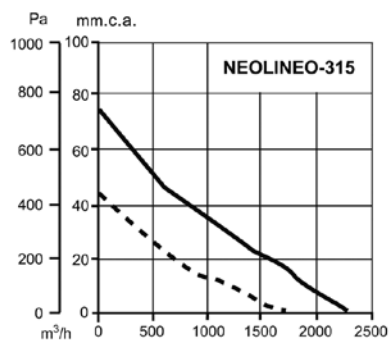
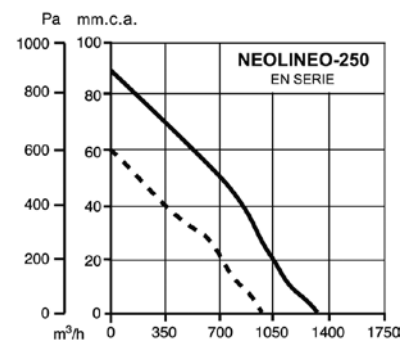
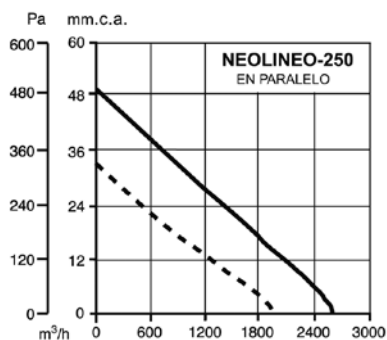
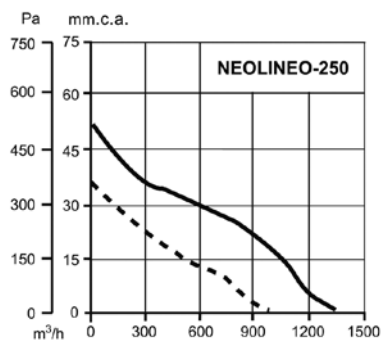
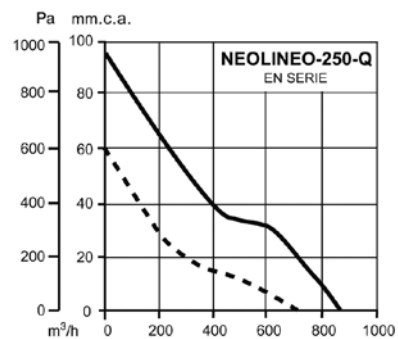
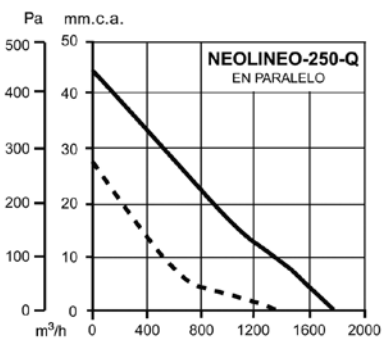
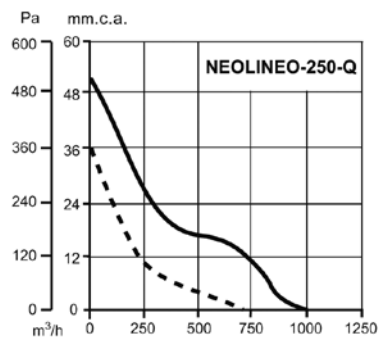
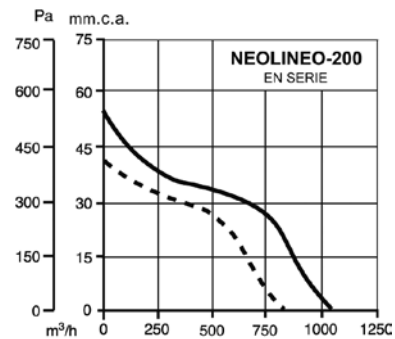
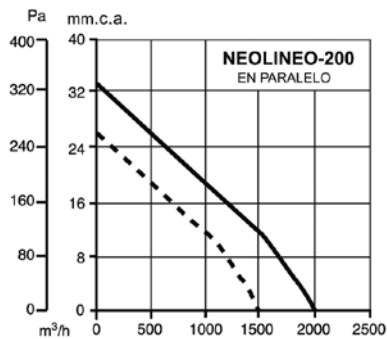
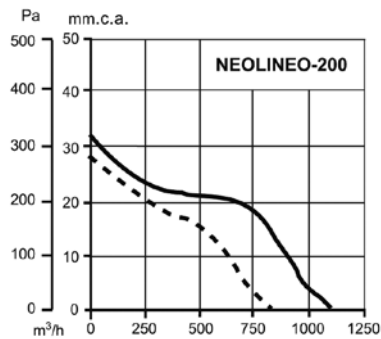


Characteristic Curves

Q = Airflow in m³/h

Pe = Static pressure in mm.w.c., Pa

— Maximum speed
- - - Minimum speed



Accessories

See accessories section.



CA/LINE

*In-line circular fans for ducts
with Long Life ball bearings*



- Fan:
- Steel sheet casing
 - External terminal board
 - Quick and easy to install
 - Includes base stand

- Motor:
- Motors with Long Life ball bearings, IPX4 protection, two-speed and adjustable
 - Single-phase 220380V. 60Hz
 - Working temperature: -10°C +60°C

- Finish:
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.



Size 355

Order code

CA/LINE — 200 — 60Hz

CA/LINE: In-line circular fans for ducts

Inlet diameter in mm

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current 220V (A)	Absorbed electrical power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CA/LINE-10	2973	0.27	0.063	260	33	3
CA/LINE-12	3016	0.29	0.067	350	35	3
CA/LINE-15	3003	0.43	0.1	537	41	4
CA/LINE-20	3021	0.71	0.162	980	36	5
CA/LINE-25	3021	0.71	0.162	1008	38	5
CA/LINE-31	2719	1.23	0.285	1596	37	6.5
CA/LINE-355	2517	1.56	0.357	2098	39	12

Acoustic features

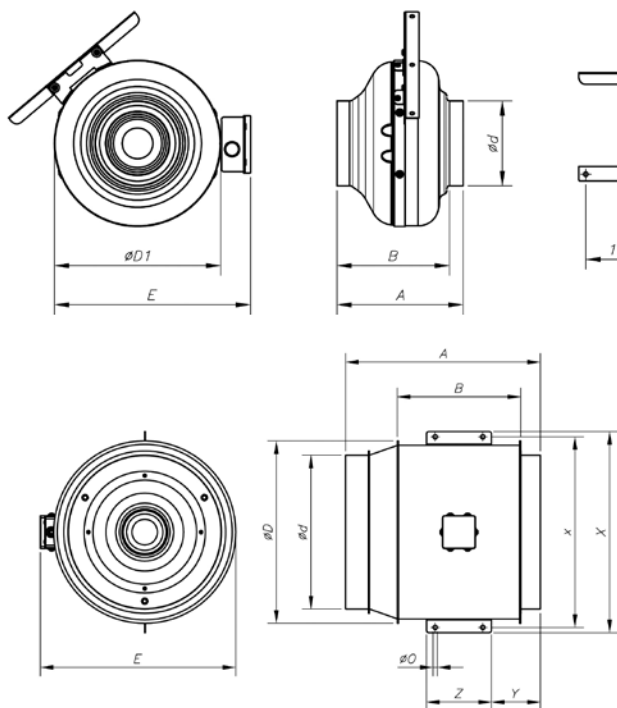
The specified values are determined according to free field measurements of sound levels in dB(A) at a distance of 3 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
100	7	23	16	33	45	44	37	26
125	8	17	18	34	43	41	33	22
150	10	19	38	40	49	41	40	24
200	11	13	21	35	41	36	46	38

Model	63	125	250	500	1000	2000	4000	8000
250	14	21	29	36	39	37	38	38
315	12	20	29	36	36	39	38	35
355	12	17	29	37	39	40	39	38

Dimensions in mm



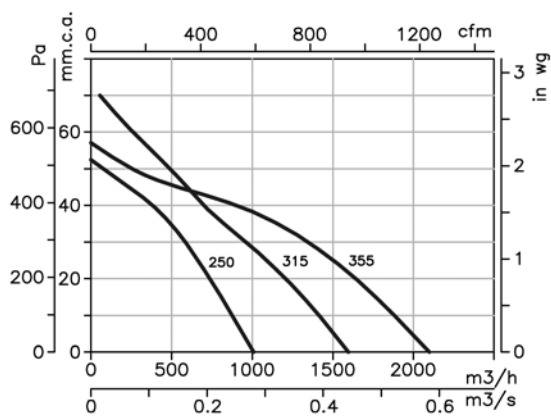
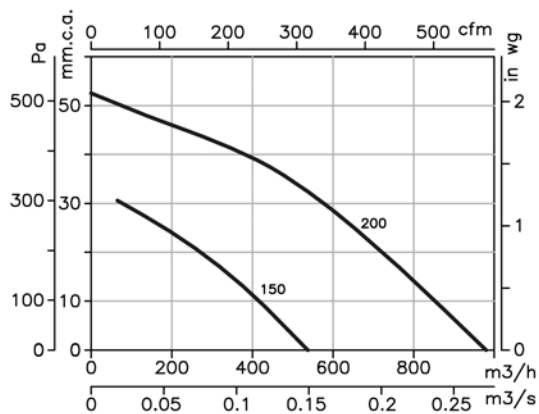
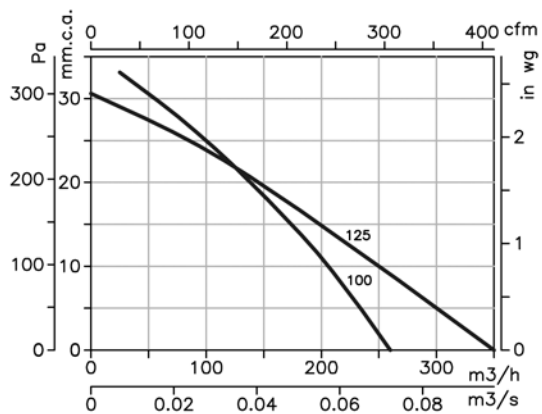
Model	A	B	ød	øD	E
CA/LINE-100	206	167	100	245	287
CA/LINE-125	206	175	125	245	287
CA/LINE-150	227	176	150	345	389
CA/LINE-200	227	175	200	345	389
CA/LINE-250	230	170	250	345	389
CA/LINE-315	257	189	315	402	446

Model	A	B	ød	øD	E	øO	x	X	Y	Z
CA/LINE-355	450	352	354	420	470	10	442	466	135	110

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



EDMF

Extra-flat bathroom fans with aesthetic and modern design



- Architectural integration with the bath elements
- Low sound level
- Extra-flat design with just 12.5 mm thickness
- High performance thanks to its aerodynamic design
- Quick and easy to install

Built:

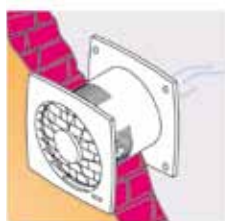
- White finish
- Non-return damper incorporated in all models
- Manufactured from recyclable materials

Motor:

- 220V 60Hz single-phase

Version

- BASIC: functions simultaneously with the light switch or independently
- TIMER: functions with an adjustable electronic timer
- LL: Ball bearings

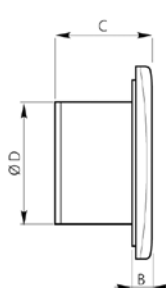
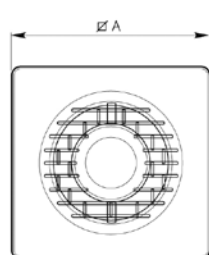


Technical characteristics

Model	Version	Speed (r/min)	Power (W)	Airflow (m³/h)	Sound level* dB(A)	Weight (Kg)
EDMF-100	Basic	2300	14	95	34	0.51
EDMF-100-T	Timer	2300	14	95	34	0.51
EDMF-100-LL	LL	2300	14	95	34	0.51
EDMF-100-LL-T	LL/Timer	2300	14	95	34	0.51
EDMF-120	Basic	2400	16	180	35	0.61
EDMF-120-T	Timer	2400	16	180	35	0.61
EDMF-120-LL	LL	2400	16	180	35	0.61
EDMF-150	Basic	2400	24	292	38	0.97
EDMF-150-T	Timer	2400	24	292	38	0.97
EDMF-150-LL	LL	2400	24	292	38	0.97

* Sound level to 3m

Dimensions in mm



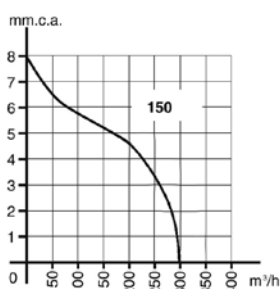
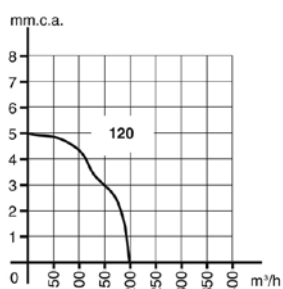
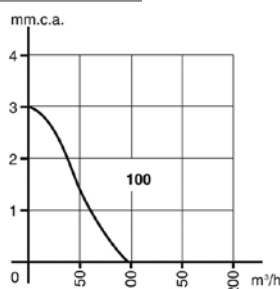
Model	∅A	B	C	∅D
EDMF-100	150	12.5	108	98
EDMF-100-T	150	12.5	108	98
EDMF-100-LL	150	12.5	108	98
EDMF-100-LL-T	150	12.5	108	98
EDMF-120	176	12.5	114	124
EDMF-120-T	176	12.5	114	124
EDMF-120-LL	176	12.5	114	124
EDMF-150	205	13	132	149
EDMF-150-T	205	13	132	149
EDMF-150-LL	205	13	132	149

Characteristic curves

Q = Airflow in m³/h and m³/s.

Pe = Static pressure in mm.w.c., Pa

EDMF



Accessories

See accessories section.



Decorative grille



Backdraught louvre



Electronic speed controllers

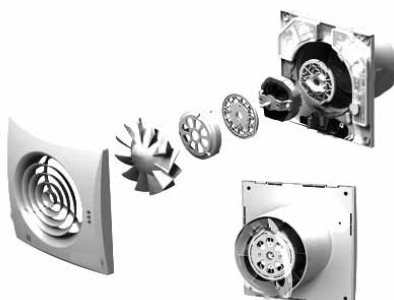
EDQUIET

**25 dB(A)
7.5 W**

Domestic extractors with a very low noise level and low power consumption



- Architectural integration with the bath elements
- Ultra-silent at just 25 dB(A)
- High performance thanks to a low-power 7.5W motor
- Quick and easy to install



Built:

- White finish
- Non-return damper incorporated
- Equipped with diffusers that reduce air turbulences and noise levels
- Anti-vibration motor mounts that eliminate vibrations.

Motor:

- 220V 60 Hz single-phase
- Highly-efficient motor
- Ball bearings that last over 40,000 hours
- Motor base for vibration absorption
- Klison equipped motor

Versions:

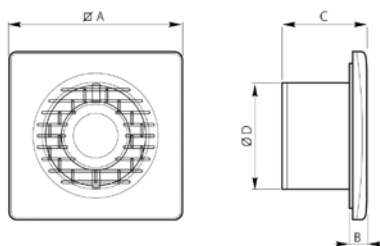
- BASIC: functions simultaneously with the light switch or independently
- TIMER: functions with an adjustable electronic timer

Technical characteristics

Model	Version	Speed (r/min)	Power (W)	Airflow (m³/h)	Sound level dB(A)	Weight (Kg)
EDQUIET-100	Basic	2165	7.5	97	25	0.21
EDQUIET-100-T	Timer	2165	7.5	97	25	0.21

* Sound level to 3m

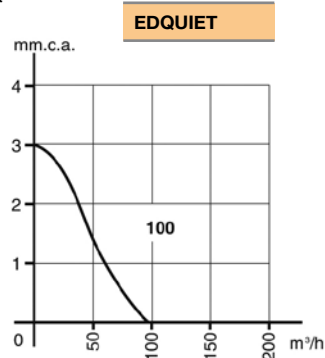
Dimensions in mm



Model	∅A	B	C	∅D
EDQUIET	158	26	107	99

Characteristic curves

Q = Airflow in m³/h and m³/s. Pe = Static pressure in mm.w.c., Pa



Accessories

See accessories section.



Decorative grille



Backdraught louvre



Electronic speed controllers

HEP HEPT

HEP: Wall-mounted axial fans, with IP-65 motor
HEPT: Long-cased axial fans, with IP-65 motor

Wall-mounted axial (HEP) and long-cased fans (HEPT), with fibreglass-reinforced plastic impeller.



HEP



HEPT

Fan:

- Airflow direction from motor to impeller
- Impeller in polyamide 6 reinforced with fibre glass
- HEP: Support frame in sheet steel
- HEP: Protection guard, meets UNE 100250 standard
- HEPT: Sheet steel long casing
- HEPT: Outside connecting box, IP-65 protection

Motor:

- Class F motors with ball bearings, IP-65 protection
- 220V single-phase. 60Hz., and three-phase 220/380V. 60 Hz
- Working temperature: -25°C. +60°C., 4-6-8 poles motors and -25°C. +45°C, 2 pole motors

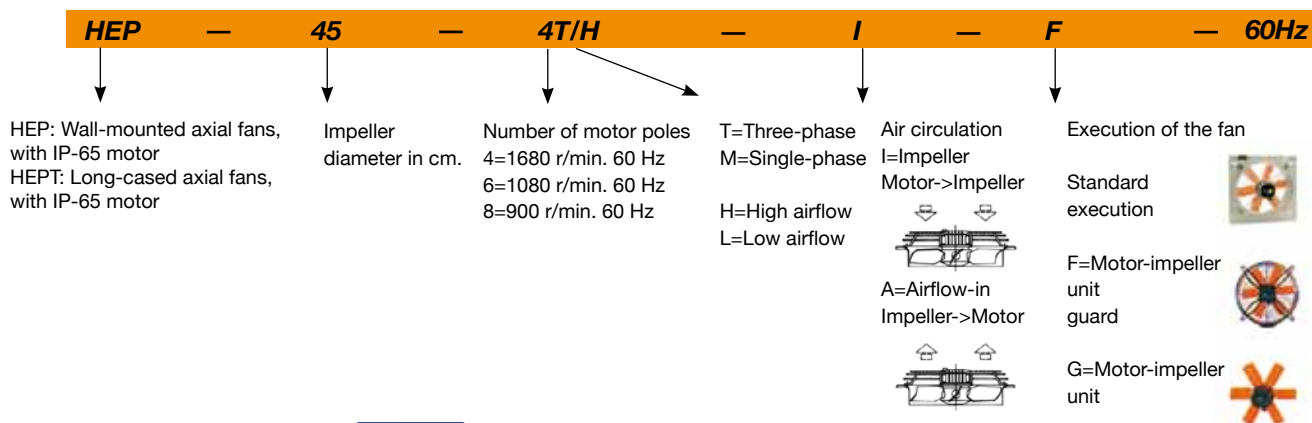
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motor, impeller and guard unit (version F)
- Motor-impeller unit (version G)
- Airflow direction from impeller to motor
- Special windings for different voltages

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)		Absorbed power at free airflow (W)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V				HEP	HEPT
HEP-25-2T/H	3336	1.3	0.75	250	2300	64	5.3	-
HEP-25-2M/H	3300	1.95	-	285	2300	64	5.3	-
HEP-25-4T/H	1740	0.69	0.4	87	1250	52	4.5	-
HEP-25-4M/H	1728	0.65	-	100	1250	52	4.5	-
HEP-31-2T/H HEPT-31-2T/H	3168	1.54	0.89	495	4000	74	7	7.4
HEP-31-2M/H HEPT-31-2M/H	3168	2.3	-	515	4000	74	7	7.4
HEP-31-4T/H HEPT-31-4T/H	1692	0.69	0.4	115	2400	55	5.7	6.2
HEP-31-4M/H HEPT-31-4M/H	1692	0.75	-	140	2400	55	5.7	6.2
HEP-31-4T/L	1716	0.69	0.4	100	1950	54	5.1	-
HEP-31-4M/L	1704	0.7	-	110	1950	54	5.1	-
HEP-35-2T/H HEPT-35-2T/H	3348	2.16	1.25	650	6020	76	8.8	9.4
HEP-35-2M/H HEPT-35-2M/H	3210	2.8	-	690	6020	76	8.8	9.4

Technical characteristics

Model		Speed (r/min)	Maximum admissible current (A)		Absorbed power at free airflow (W)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
			220V	380V				HEP	HEPT
HEP-35-4T/H	HEPT-35-4T/H	1608	0.74	0.43	170	3500	58	7.1	7.6
HEP-35-4M/H	HEPT-35-4M/H	1608	0.98	-	180	3500	58	7.1	7.6
HEP-35-4T/L		1692	0.69	0.4	110	2650	56	6.5	-
HEP-35-4M/L		1692	0.75	-	115	2650	56	6.5	-
HEP-40-4T/H	HEPT-40-4T/H	1704	2.1	1.2	325	5200	61	10.6	13.5
HEP-40-4M/H	HEPT-40-4M/H	1680	1.85	-	360	5200	61	10.6	13.5
HEP-40-4T/L		1740	2.1	1.2	220	4000	60	10.6	-
HEP-40-4M/L		1704	1.55	-	260	4000	60	10.6	-
HEP-40-6T/H	HEPT-40-6T/H	1152	1.12	0.65	150	3500	54	10.2	13.5
HEP-40-6M/H	HEPT-40-6M/H	1152	1.06	-	180	3500	54	10.2	13.5
HEP-45-4T/H	HEPT-45-4T/H	1680	2.11	1.22	470	7300	66	12.5	15.5
HEP-45-4M/H	HEPT-45-4M/H	1680	2.35	-	480	7300	66	12.5	15.5
HEP-45-4T/L		1728	2.1	1.2	315	5810	64	11	-
HEP-45-4M/L		1632	1.85	-	360	5810	64	11	-
HEP-45-6T/H	HEPT-45-6T/H	1146	1.42	0.82	210	4900	56	11.4	15.5
HEP-45-6M/H	HEPT-45-6M/H	1146	1.4	-	225	4900	56	11.4	15.5
HEP-50-4T/H	HEPT-50-4T/H	1704	3.1	1.8	720	10150	69	15	18
HEP-50-4M/H	HEPT-50-4M/H	1656	3.45	-	720	10150	69	15.0	18
HEP-50-4T/L		1680	2.15	1.25	430	7300	67	13	-
HEP-50-4M/L		1644	2.3	-	430	7300	67	13	-
HEP-50-6T/H	HEPT-50-6T/H	1140	1.38	0.8	240	6150	59	13.2	18
HEP-50-6M/H	HEPT-50-6M/H	1140	1.38	-	245	6150	59	13.2	18
HEP-56-4T/H	HEPT-56-4T/H	1620	3.63	2.1	1050	12800	72	21	28
HEP-56-4M/H	HEPT-56-4M/H	1620	5.26	-	1060	12800	72	21	28
HEP-56-4T/L		1680	3.2	1.85	800	10900	70	19	-
HEP-56-4M/L		1620	3.7	-	810	10900	70	19	-
HEP-56-6T/H	HEPT-56-6T/H	1098	1.73	1	400	8250	62	17	28
HEP-56-6M/H	HEPT-56-6M/H	1098	2.25	-	415	8250	62	17	28
HEP-63-4T/H	HEPT-63-4T/H	1698	6.92	4	1700	18700	82	25.8	33.5
HEP-63-4T/L		1650	5.01	2.9	1290	16500	75	23	-
HEP-63-4M/L		1650	5.4	-	1295	16500	75	23	-
HEP-63-6T/H	HEPT-63-6T/H	1086	2.06	1.19	500	12050	65	20.2	33.5
HEP-63-6M/H	HEPT-63-6M/H	1086	2.7	-	560	12050	65	20.2	33.5
HEP-63-6T/L		1134	1.62	0.94	360	9450	63	19.4	-
HEP-63-6M/L		1134	1.8	-	330	9450	63	19.4	-
HEP-63-8T/H		840	1.9	1.1	325	8250	57	19.2	-
HEP-63-8M/H		840	1.89	-	325	8250	57	19.2	-

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

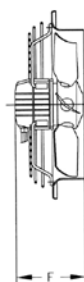
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25-2/H	39	52	64	68	70	70	66	58	45-6/H	33	47	59	62	64	65	61	52
25-4/H	27	40	52	56	58	58	54	46	50-4/H	46	60	72	75	77	78	74	65
31-2/H	49	62	74	78	80	80	76	68	50-4/L	44	58	70	73	75	76	72	63
31-4/H	30	43	55	59	61	61	57	49	50-6/H	36	50	62	65	67	68	64	55
31-4/L	29	42	54	58	60	60	56	48	56-4/H	49	63	75	78	80	81	77	68
35-2/H	51	64	76	80	82	82	78	70	56-4/L	47	61	73	76	78	79	75	66
35-4/H	33	46	58	62	64	64	60	52	56-6/H	39	53	65	68	70	71	67	58
35-4/L	31	44	56	60	62	62	58	50	63-4/H	61	75	87	90	92	92	89	80
40-4/H	36	49	61	65	67	67	63	55	63-4/L	54	68	80	83	85	85	82	73
40-4/L	35	48	60	64	66	66	62	54	63-6/H	44	58	70	73	75	75	72	63
40-6/H	29	42	54	58	60	60	56	48	63-6/L	42	56	68	71	73	73	70	61
45-4/H	43	57	69	72	74	75	71	62	63-8/H	36	50	62	65	67	67	64	55
45-4/L	41	55	67	70	72	73	69	60									

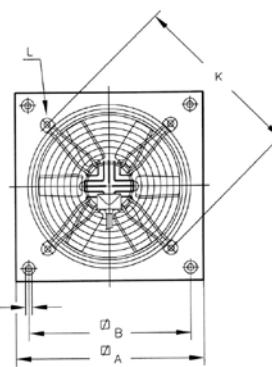
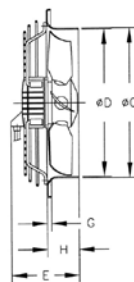
Dimensions in mm

HEP

Standard version with connection box

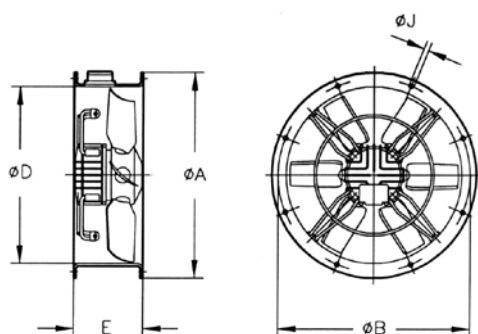


Version on request without connection box



Model	ØA	ØB	ØC	ØD	E				F				G	H	ØJ	K	L
					2T	4T	6T	8T	2T	4T	6T	8T					
HEP-25	330	275	262	260	189	179	-	-	213	203	-	-	11	56	8.5	310	M.8
HEP-31.../H	400	336	310.5	308	190	180	-	-	214	204	-	-	11	75	10.5	380	M.8
HEP-31.../L	400	336	310.5	308	-	180	-	-	-	204	-	-	11	75	10.5	380	M.8
HEP-35.../H	465	390	362.5	360	217	187	-	-	241	211	-	-	11	86	10.5	450	M.8
HEP-35.../L	465	390	362.5	360	-	187	-	-	-	211	-	-	11	86	10.5	450	M.8
HEP-40.../H	532	452	412.5	410	-	206	186	-	-	226	205	-	11	97.5	10.5	500	M.8
HEP-40.../L	532	452	412.5	410	-	206	-	-	-	226	-	-	11	97.5	10.5	500	M.8
HEP-45.../H	596	504	462.5	460	-	214	199	-	-	234	218	-	11	105	10.5	560	M.8
HEP-45.../L	596	504	462.5	460	-	214	-	-	-	234	-	-	11	105	10.5	560	M.8
HEP-50.../H	665	562	516.5	514	-	255	235	-	-	275	254	-	11	115	10.5	640	M.8
HEP-50.../L	665	562	516.5	514	-	240	-	-	-	260	-	-	11	115	10.5	640	M.8
HEP-56.../H	710	630	563	560	-	287	247	-	-	306	266	-	15	115	10.5	721	M.8
HEP-56.../L	710	630	563	560	-	267	-	-	-	286	-	-	15	115	10.5	721	M.8
HEP-63.../H	800	710	638	635	-	-	257	247	-	340	276	266	15	140	10.5	820	M.8
HEP-63.../L	800	710	638	635	-	-	247	-	-	340	266	-	15	140	10.5	820	M.8

HEPT

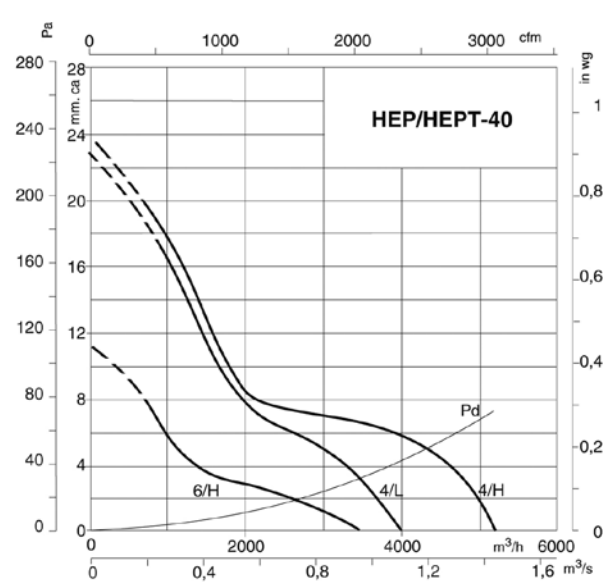
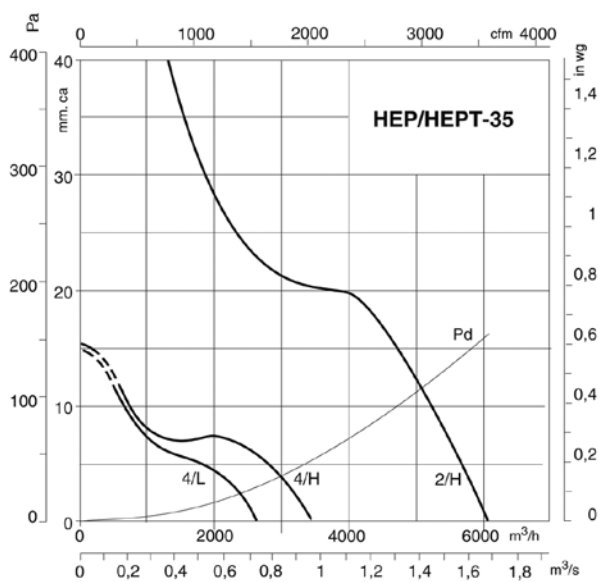
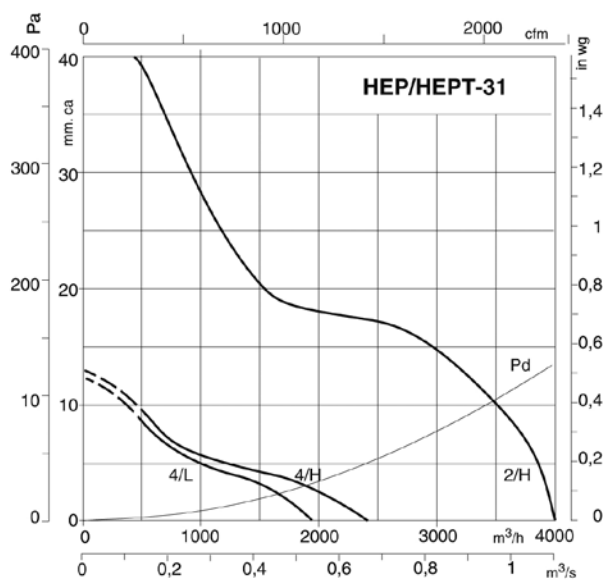
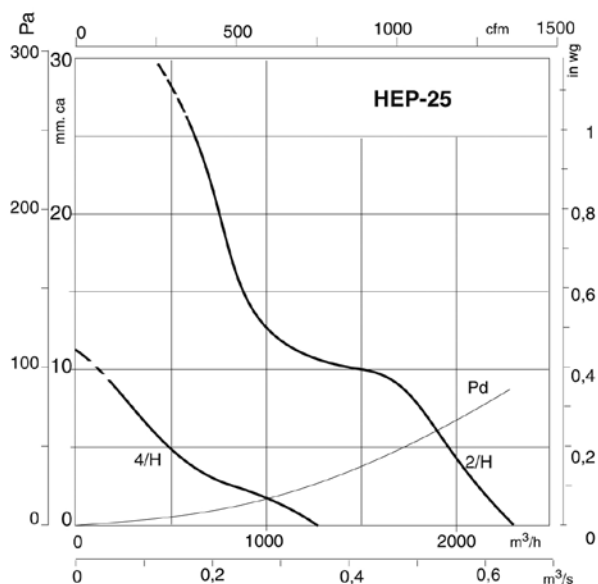


Model	ØA	ØB	ØD	E	ØJ	Drills No.
HEPT-31	385	355	308	200	10	8
HEPT-35	425	395	360	220	10	8
HEPT-40	490	450	410	220	12	8
HEPT-45	540	500	460	220	12	8
HEPT-50	600	560	514	230	12	12
HEPT-56	660	620	560	260	12	12
HEPT-63	730	690	635	350	12	12

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

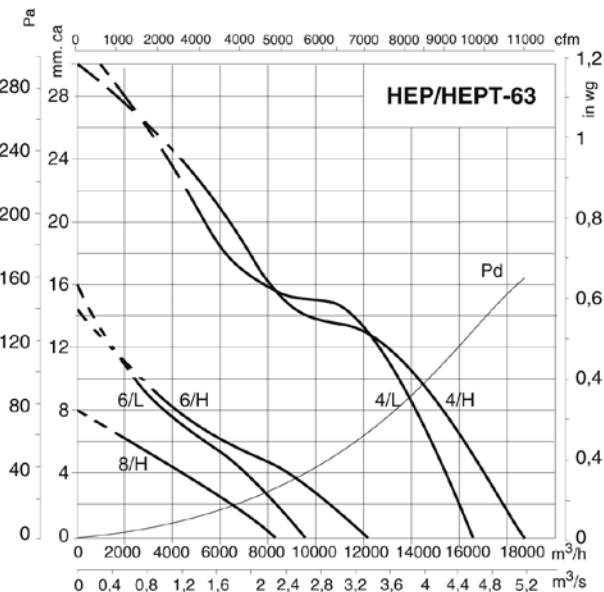
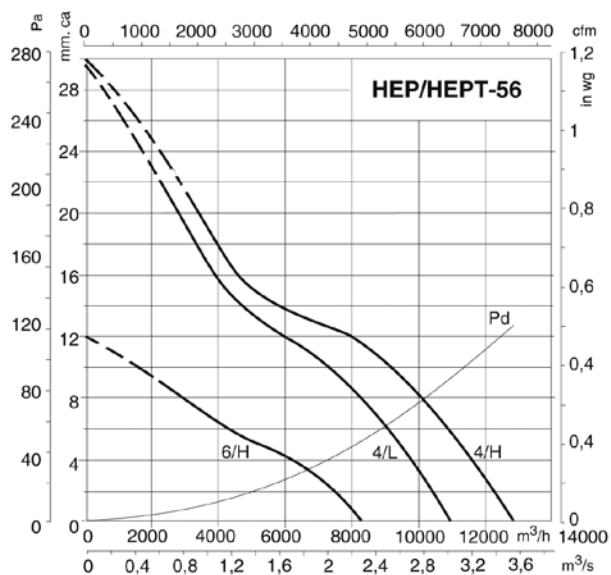
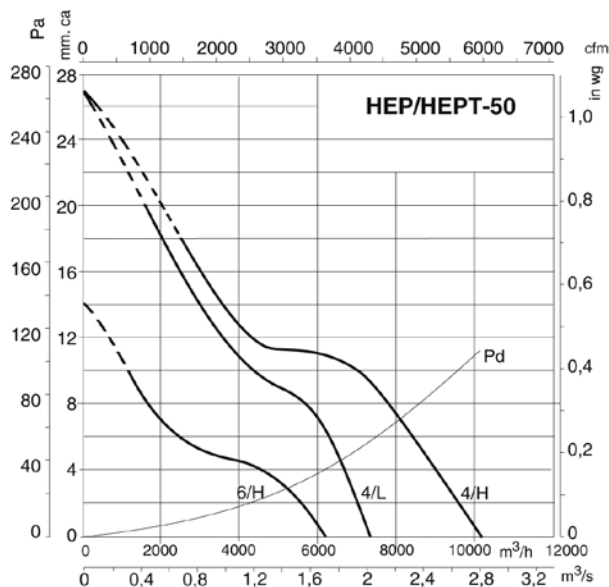
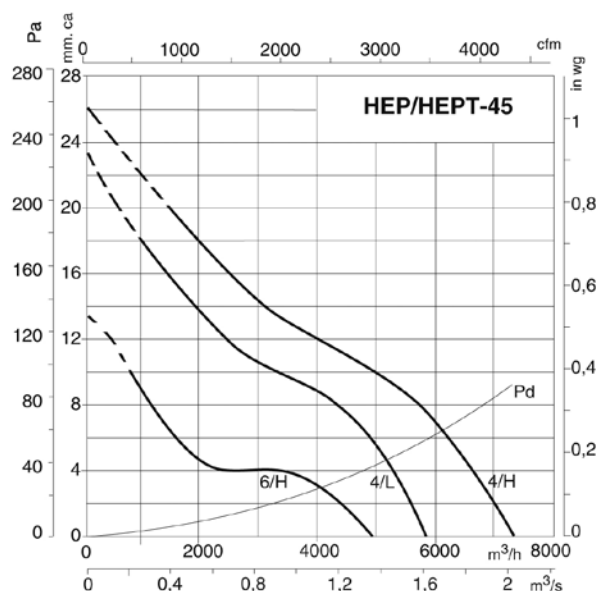
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



HC

Wall-mounted axial fans, with IP-55 motor

Wall-mounted axial fans with fibreglass-reinforced plastic impeller



HC

HC
71, 80,
90,100

Fan:

- Support frame in sheet steel
- Impeller in polyamide 6 reinforced with fibre glass
- Protection guard, meets UNE 100250 standard
- Models 71, 80, 90 and 100, the protective grille is supplied as an accessory
- Airflow direction from motor to impeller

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 63, IP54 protection, one- or two-speed depending on the model
- 220V single-phase. 60Hz., and three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Working temperature: -25°C.+ 60°C.

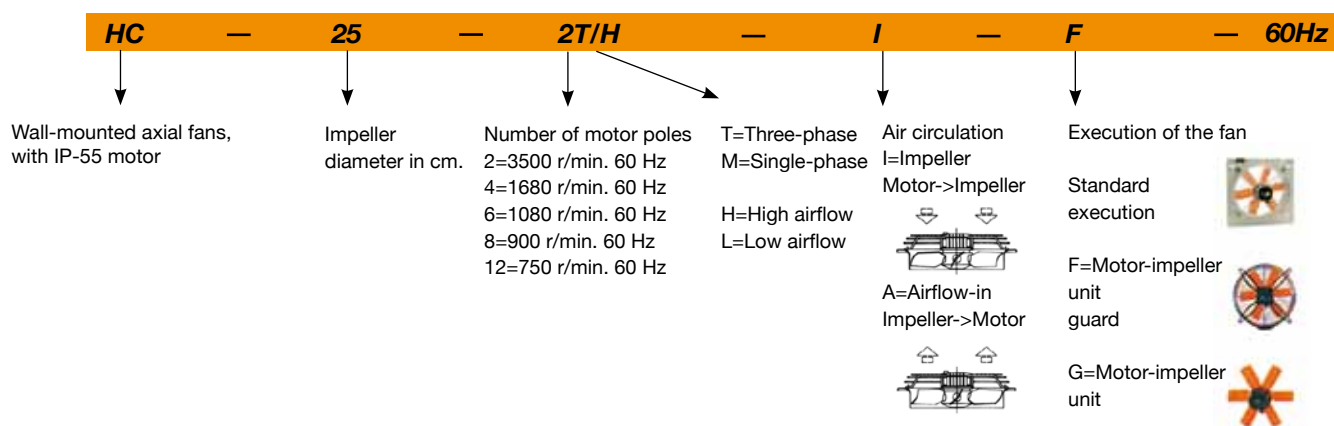
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motor, impeller and guard unit (version F)
- Motor-impeller unit, version G.
- Airflow direction from impeller to motor.
- Special windings for different voltages.

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
HC-25-2T/H	3312	0.83	0.48		0.12	2200	64	5
HC-25-2M/H	3312	1.1			0.12	2200	64	5
HC-25-4T/H	1740	0.6	0.35		0.1	1300	51	5
HC-25-4M/H	1740	0.63			0.1	1300	51	5
HC-31-2T/H	3336	1.38	0.8		0.18	3650	72	6
*HC-31-2M/H	3336	1.85			0.18	3650	72	6
HC-31-4T/H	1716	0.64	0.37		0.1	2400	54	6

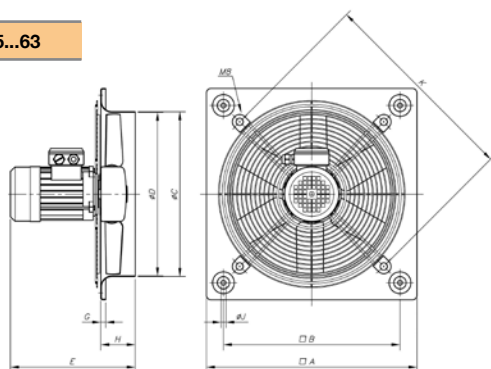
*Non-adjustable

Technical characteristics

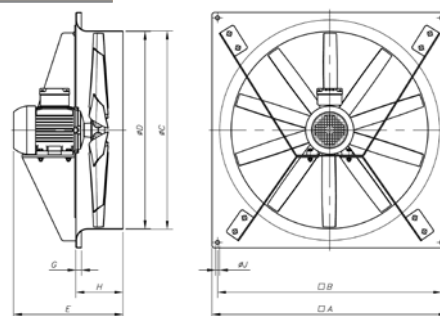
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pres- sure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
HC-31-4M/H	1716	0.75			0.1	2400	54	6
HC-31-4T/L	1746	0.65	0.38		0.08	1800	52	6
HC-31-4M/L	1746	0.67			0.1	1800	52	6
HC-35-2T/H	3396	2.25	1.3		0.37	6020	76	8
HC-35-4T/H	1632	0.72	0.42		0.1	3500	58	7
HC-35-4M/H	1632	0.87			0.1	3500	58	7
HC-35-4T/L	1728	0.64	0.37		0.1	2600	56	7
HC-35-4M/L	1728	0.67			0.1	2600	56	7
HC-40-4T/H	1680	1.82	1.05		0.25	5200	63	10
HC-40-4M/H	1608	2.2			0.25	5200	63	10
HC-40-4T/L	1602	0.7	0.41		0.1	4000	59	8
HC-40-4M/L	1602	1.01			0.1	4000	59	8
HC-40-6T/H	1164	1.3	0.75		0.25	3700	55	10
HC-40-6M/H	1164	1.3			0.25	3700	55	10
HC-45-4T/H	1656	2.08	1.2		0.37	7300	66	14
HC-45-4M/H	1650	3.1			0.37	7300	66	14
HC-45-4T/L	1680	1.82	1.05		0.25	5600	63	11
HC-45-4M/L	1626	2.15			0.25	5600	63	11
HC-45-6T/H	1140	1.47	0.85		0.25	5200	57	14
HC-45-6M/H	1140	1.5			0.25	5200	57	14
HC-50-4T/H	1656	2.94	1.7		0.55	10200	69	18
HC-50-4M/H	1620	5.02			0.55	10200	69	18
HC-50-4T/L	1680	1.82	1.05		0.25	7400	66	12
HC-50-4M/L	1608	2.3			0.25	7400	66	12
HC-50-6T/H	1152	2.08	1.2		0.37	6300	59	18
HC-50-6M/H	1152	2.5			0.37	6300	59	18
HC-56-4T/H	1728	4.68	2.7		1.1	13000	72	24
HC-56-4/8T/H	1728/852		2.90/1.30		1.10/0.25	13000/6500	72/57	24
HC-56-4T/L	1656	2.85	1.65		0.55	11050	70	18
HC-56-4M/L	1656	4.6			0.55	11050	70	18
HC-56-6T/H	1128	2.25	1.3		0.37	8400	61	19
HC-56-6M/H	1128	2.5			0.37	8400	61	19
HC-63-4T/H	1698	5.2	3		1.1	16450	74	26
HC-63-4/8T/H	1728/852	-	3.15/1.30		1.10/0.25	16450/8225	74/59	26
HC-63-4T/L	1716	3.84	2.22		0.75	14400	73	19
HC-63-4M/L	1716	4.78			0.55	14400	73	19
HC-63-6T/H	1068	2.42	1.4		0.37	12400	64	21
HC-63-6M/H	1068	3			0.37	12400	64	21
HC-71-4T/H	1740	6.41	3.7		1.5	22300	78	35
HC-71-4/8T/H	1704/840	-	3.50/1.50		1.50/0.37	22300/11150	78/63	35
HC-71-6T/H	1140	3.91	2.26		0.75	17500	66	36
HC-71-6/12T/H	1122/522	-	2.20/0.87		0.75/0.15	17500/8750	66/51	35
HC-71-6M/H	1140	4.1			0.75	15600	65	36
HC-80-4T/H	1740	11.78	6.8		3	33000	82	55
HC-80-4/8T/H	1716/852	-	6.50/2.30		3.0/0.60	33000/16500	82/67	53
HC-80-4T/L	1740	6.41	3.7		1.5	25000	79	44
HC-80-6T/H	1140	4.16	2.4		0.75	22000	71	45
HC-80-6/12T/H	1122/522	-	2.40/0.87		0.75/0.15	22000/11000	71/56	44
HC-80-6T/L	1140	2.96	1.71		0.55	19200	70	39
HC-90-4T/H	1740	15.24	8.8		4	43500	86	68
HC-90-4/8T/H	1716/852	-	8.80/2.90		4.00/0.80	43500/19800	86/69	74
HC-90-4T/L	1740	11.78	6.8		3	33800	83	63
HC-90-6T/H	1140	7.62	4.4		1.5	33300	76	60
HC-90-6/12T/H	1164/564	-	4.60/1.90		1.50/0.25	33300/16650	76/61	70
HC-90-6T/L	1140	5	2.89		1.1	26200	73	55
HC-90-8T/H	864	3.26	1.88		0.55	19800	69	54
HC-100-4T/H	1740	-	11.9	6.9	5.5	54000	88	85
HC-100-4/8T/H	1752/870	-	12.50/4.10		5.50/1.10	54000/27000	88/73	95
HC-100-4T/L	1740	15.24	8.8		4	42500	84	71
HC-100-6T/H	1140	7.62	4.4		1.5	37000	78	63
HC-100-6/12T/H	1164/564	-	4.60/1.90		1.50/0.25	37000/18500	78/63	73
HC-100-6T/L	1140	5	2.89		1.1	28100	76	58
HC-100-8T/H	864	4.23	2.44		0.75	27000	72	61

Dimensions in mm

HC 25...63



HC 71..0,100



Model	∅A	∅B	∅C	∅D	E	G	H	∅J	K
HC-25	330	275	262	260	236.5	11	56	8.5	310
HC-31-2	400	336	310.5	308	264.5	11	65	10.5	380
HC-31-4	400	336	310.5	308	245.5	11	65	10.5	380
HC-35-2	465	390	362.5	360	275.5	11	76	10.5	450
HC-35-4	465	390	362.5	360	256.5	11	76	10.5	450
HC-40-4.../H	532	452	412.5	410	297.5	11	97.5	10.5	500
HC-40-4.../L	532	452	412.5	410	278.5	11	97.5	10.5	500
HC-40-6.../H	532	452	412.5	410	308.5	11	97.5	10.5	500
HC-45-4.../H	596	504	462.5	460	315.5	11	105	10.5	560
HC-45-4.../L	596	504	462.5	460	304.5	11	105	10.5	560
HC-45-6.../H	596	504	462.5	460	315.5	11	105	10.5	560
HC-50-4T/H	665	562	516.5	514	325.5	11	115	10.5	640
HC-50-4M/H	665	562	516.5	514	351	11	115	10.5	640
HC-50-4.../L	665	562	516.5	514	283.5	11	115	10.5	640
HC-50-6.../H	665	562	516.5	514	351	11	115	10.5	640
HC-56-4T/H	710	630	563	560	374	15	115	10.5	721
HC-56-4T/L	710	630	563	560	325.5	15	115	10.5	721
HC-56-4M/L	710	630	563	560	351	15	115	10.5	721
HC-56-6.../H	710	630	563	560	351	15	115	10.5	721
HC-63-4T/H	800	710	638	635	399	15	140	10.5	820
HC-63-4.../L	800	710	638	635	376	15	140	10.5	820
HC-63-6.../H	800	710	638	635	376	15	140	10.5	820

Model	∅A	∅B	∅C	∅D	E	G	H	∅J
HC-71-4T/H	850	810	715	711	395	20	170	14.5
HC-71-6T/H	850	810	715	711	395	20	170	14.5
HC-71-4T/L	850	810	715	711	395	20	170	14.5
HC-80-4T/H	970	910	801	797	488	20	210	14.5
HC-80-4T/L	970	910	801	797	458	20	210	14.5
HC-80-6T/H	970	910	801	797	458	20	210	14.5
HC-80-6T/L	970	910	801	797	416	20	210	14.5
HC-90-4T/H	1170	1110	918	914	511	20	210	14.5
HC-90-4T/L	1170	1110	918	914	488	20	210	14.5
HC-90-6T/H	1170	1110	918	914	488	20	210	14.5
HC-90-6T/L	1170	1110	918	914	455	20	210	14.5
HC-90-8T/H	1170	1110	918	914	455	20	210	14.5
HC-100-4T/H	1170	1110	1003	999	548	20	220	14.5
HC-100-4T/L	1170	1110	1003	999	521	20	220	14.5
HC-100-6T/H	1170	1110	1003	999	498	20	220	14.5
HC-100-6T/L	1170	1110	1003	999	468	20	220	14.5
HC-100-8T/H	1170	1110	1003	999	498	20	220	14.5

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

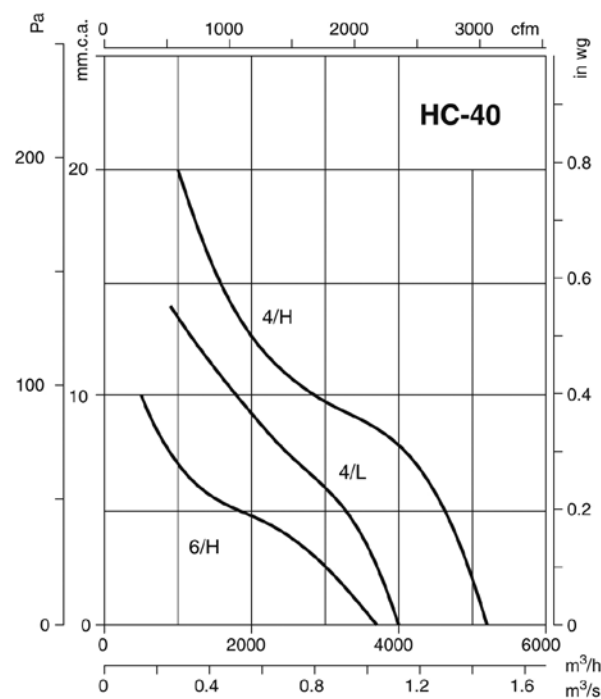
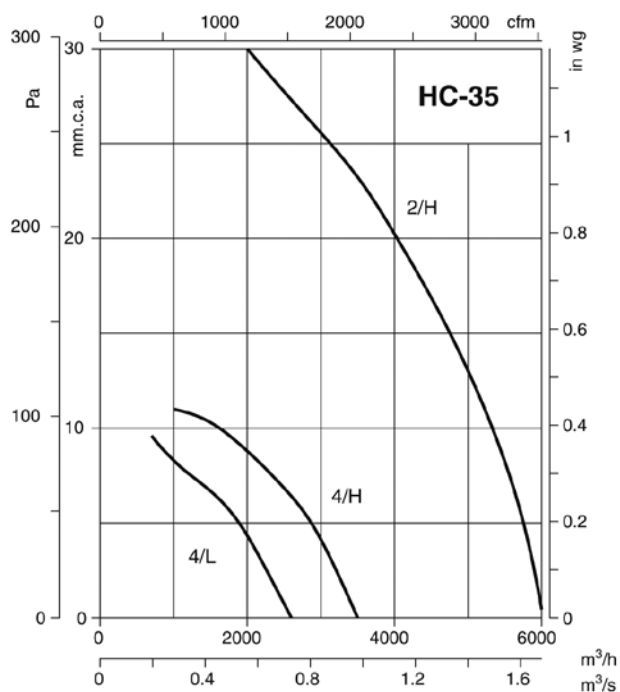
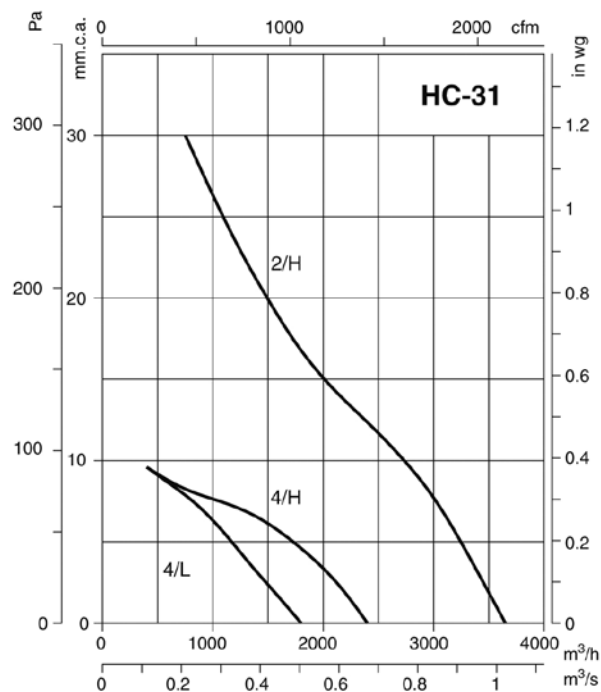
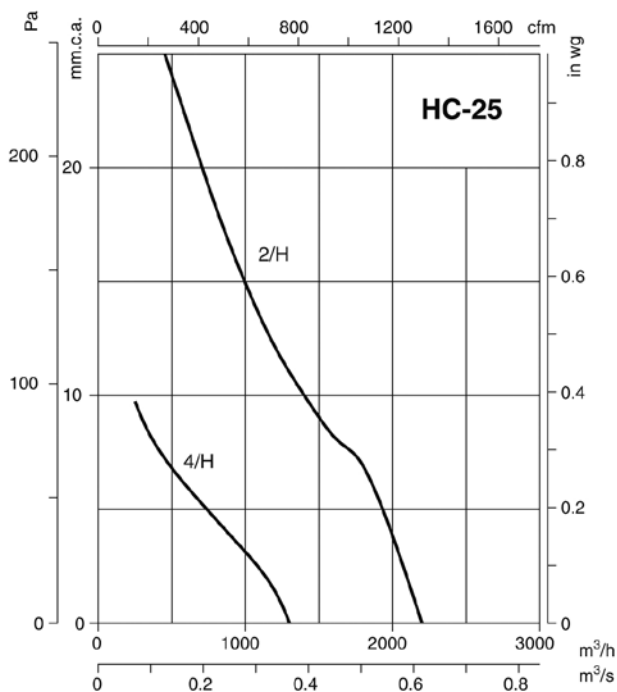
Model	63	125	250	500	1000	2000	4000	8000
25-2/H	38	48	65	65	73	69	62	53
25-4/H	25	35	52	52	60	56	49	40
31-2/H	46	56	73	73	81	77	70	61
31-4/H	28	38	55	55	63	59	52	43
31-4/L	26	36	53	53	61	57	50	41
35-2/H	50	60	77	77	85	81	74	65
35-4/H	32	42	59	59	67	63	56	47
35-4/L	30	40	57	57	65	61	54	45
40-4/H	28	45	57	57	70	70	66	59
40-4/L	29	45	55	59	66	66	62	55
40-6/H	20	37	49	57	62	62	58	51
45-4/H	33	50	63	70	75	76	71	64
45-4/L	36	51	61	66	72	73	69	62
45-6/H	24	41	54	61	66	67	62	55
50-4/H	36	53	66	73	78	79	74	67
50-4/L	39	54	64	69	75	76	72	65
50-6/H	26	43	56	63	68	69	64	57
56-4/H	39	56	69	76	81	82	77	70
56-6/H	28	45	58	65	70	71	66	59
56-8/H	24	41	54	61	66	67	62	55
56-4/L	43	58	68	73	79	80	76	69
63-4/H	43	60	73	80	85	86	81	74
63-6/H	33	50	63	70	75	76	71	64
63-8/H	28	45	58	65	70	71	66	59

Model	63	125	250	500	1000	2000	4000	8000
63-4/L	48	63	73	78	84	85	81	74
71-4/H	47	64	77	84	89	90	85	78
71-6T/H	35	52	65	72	77	78	73	66
71-6M/H	34	51	64	71	76	77	72	65
71-8/H	32	49	62	69	74	75	70	63
71-12/H	20	37	50	57	62	63	58	51
80-4/H	60	81	88	93	96	92	85	74
80-6/H	49	70	77	82	85	81	74	63
80-8/H	45	66	73	78	81	77	70	59
80-12/H	34	55	62	67	70	66	59	48
80-4/L	57	78	85	90	93	89	82	71
80-6/L	48	69	76	81	84	80	73	62
90-4/H	64	85	92	97	100	96	89	78
90-6/H	54	75	82	87	90	86	79	68
90-8/H	47	68	75	80	83	79	72	61
90-12/H	39	60	67	72	75	71	64	53
90-4/L	61	82	89	94	97	93	86	75
90-6/L	51	72	79	84	87	83	76	65
100-4/H	68	88	96	101	103	100	93	82
100-6/H	58	78	86	91	93	90	83	72
100-8/H	52	72	80	85	87	84	77	66
100-12/H	43	63	71	76	78	75	68	57
100-4/L	64	84	92	97	99	96	89	78
100-6/L	56	76	84	89	91	88	81	70

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

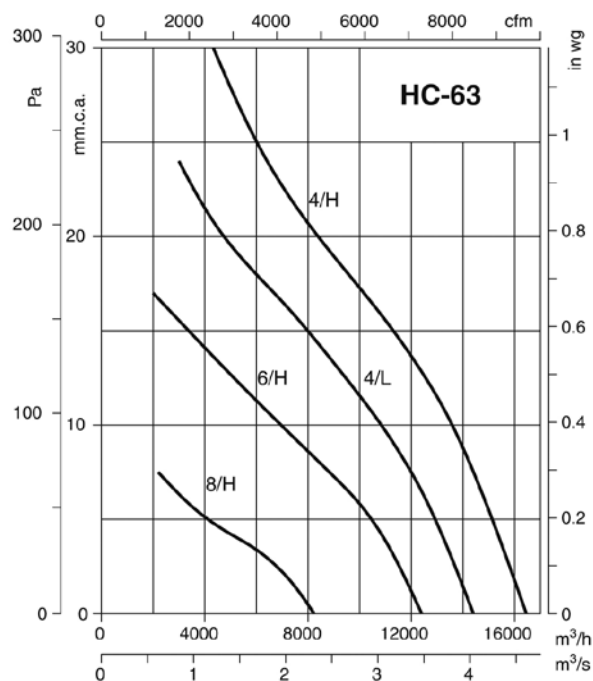
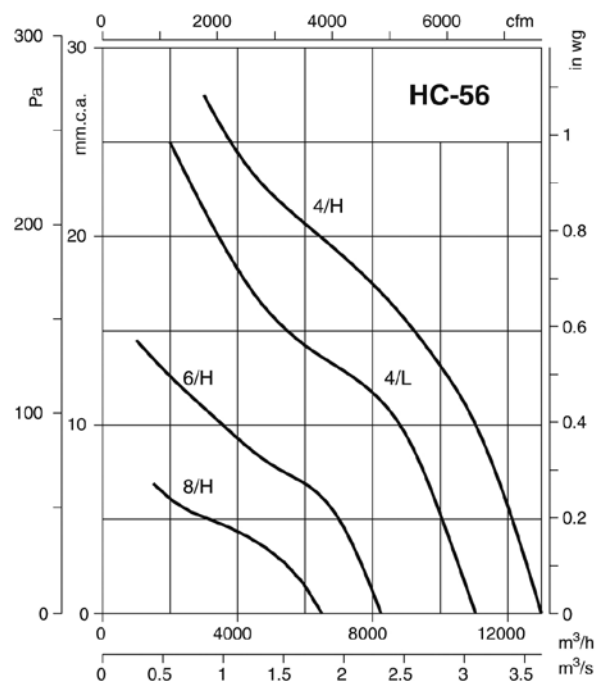
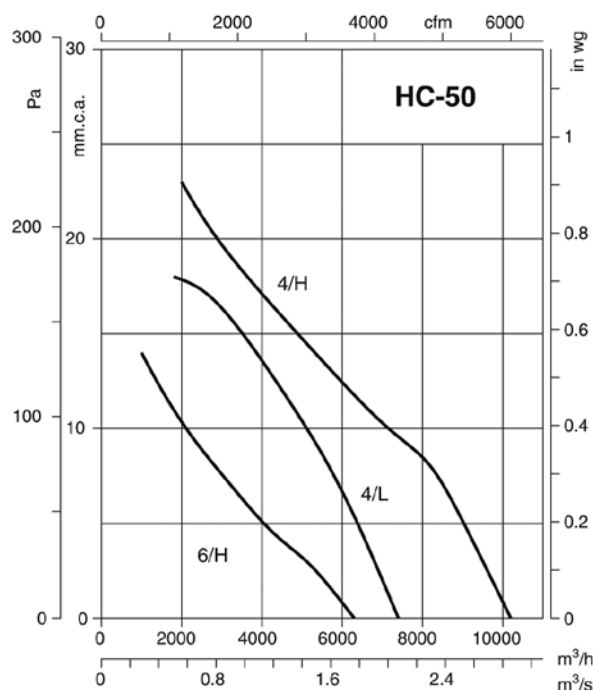
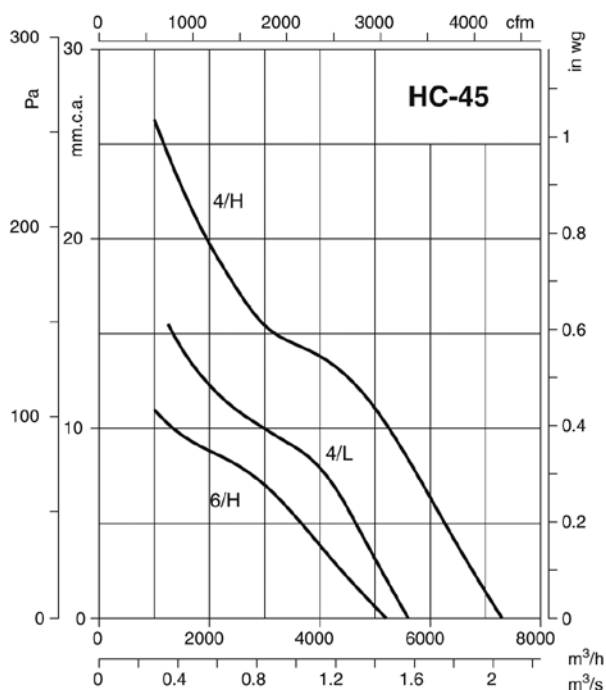
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

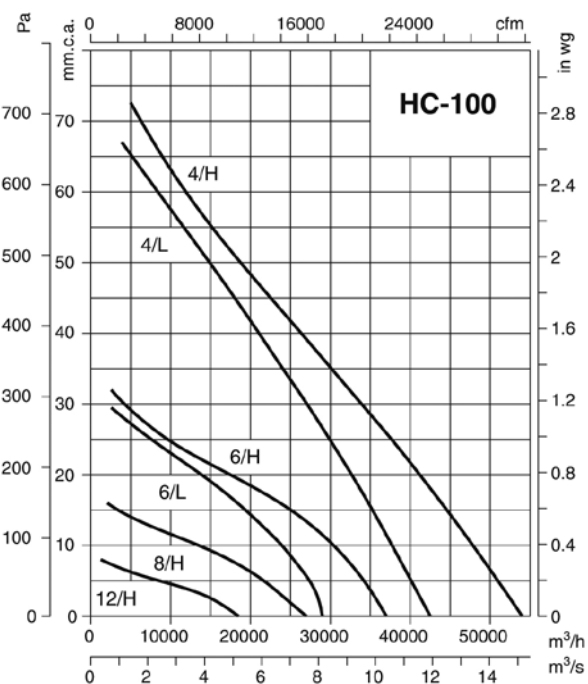
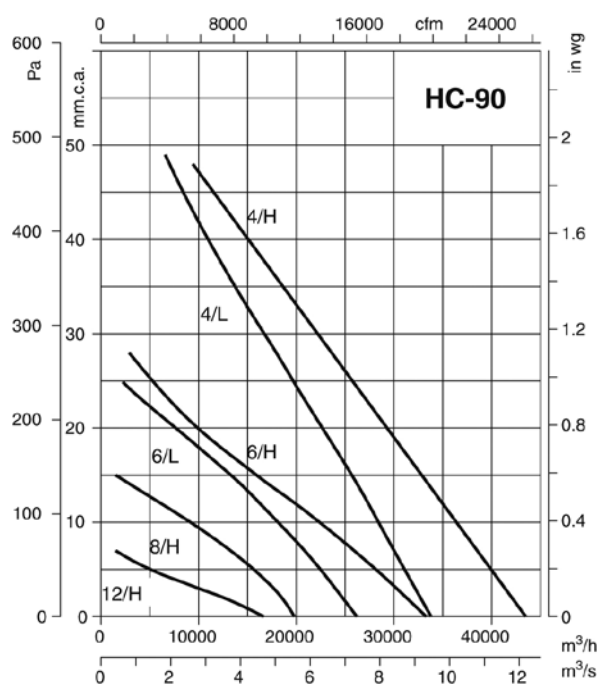
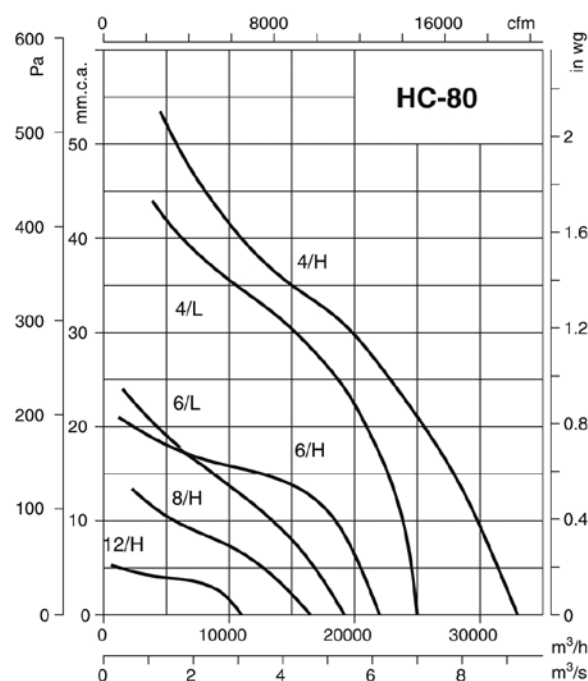
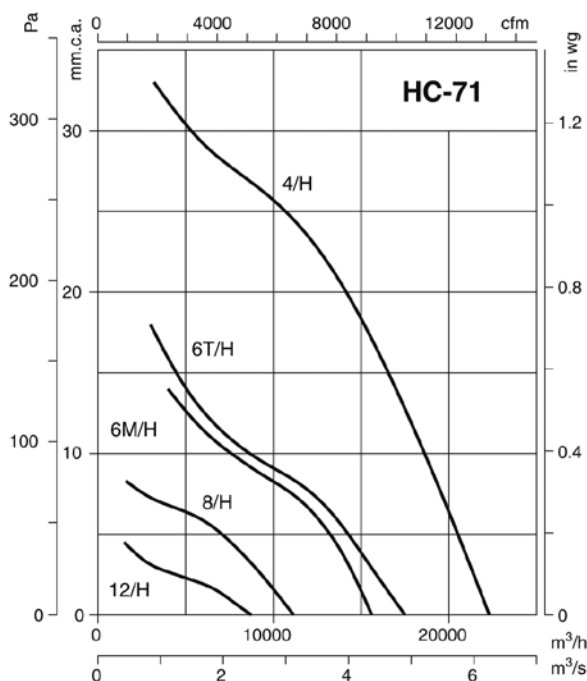
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



HCD

Small-diameter wall-mounted axial fans

Wall-mounted axial fans with aluminium sheet impellers, shading ring motors and incorporated connection cable.



Fan:

- Support frame in sheet steel
- Aluminium sheet impeller
- Protection guard, meets UNE 100250 standard
- Airflow direction from motor to impeller

Motor:

- Class B motors with dry friction bearings, IP44 protection, except model 40 supplied with class F motor, ball bearings, IP54 protection
- 220V single-phase. 60Hz.
- Working temperature: -25°C.+ 50°C

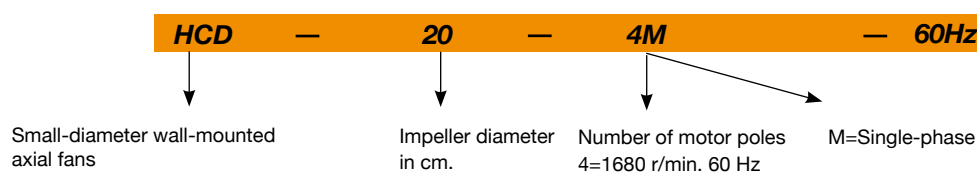
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages

Order code

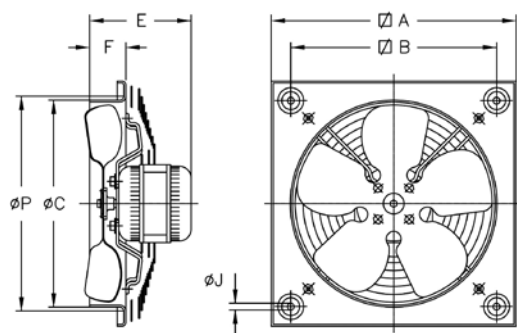


Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A) 220V	Absorbed power at free airflow (W)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
HCD-20-4M	1620	0.21	36	560	38	1.15
HCD-25-4M	1608	0.25	41	960	43	1.60
HCD-30-4M	1632	0.51	76	1350	48	2.15
HCD-35-4M	1638	0.80	115	1820	53	6.20
HCD-40-4M	1692	1.00	150	3100	57	7.20

Dimensions in mm

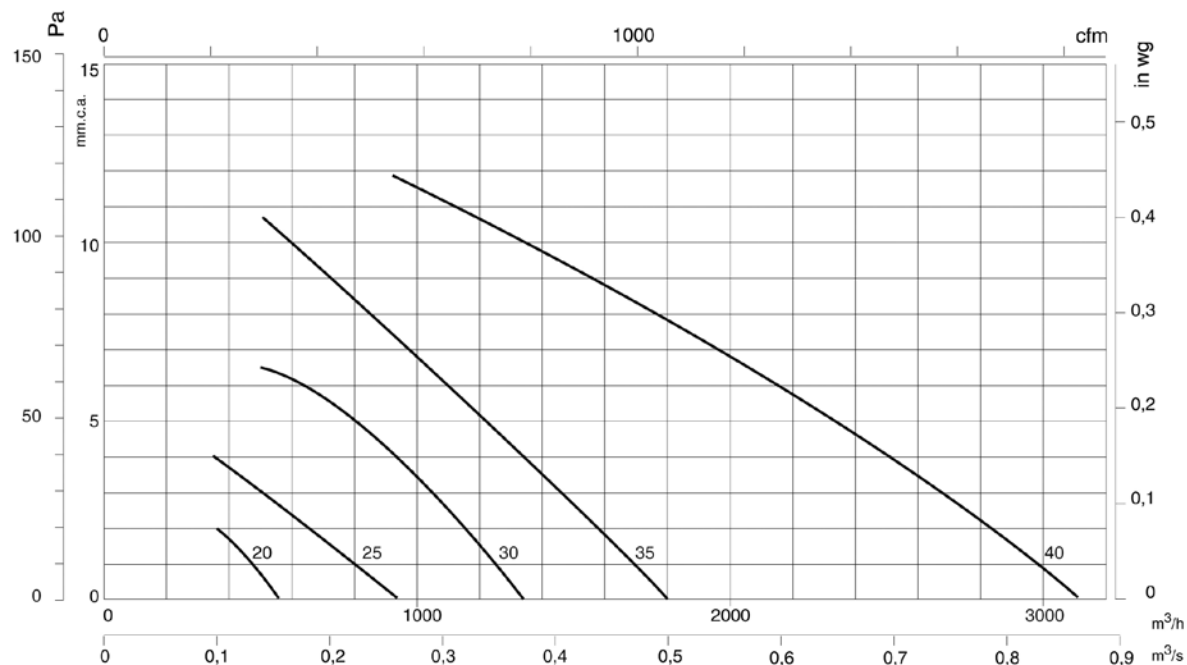


Model	∅A	∅B	∅C	E	F	∅J	∅P
HCD-20	266	222	211	104.5	34	9	240
HCD-25	330	275	262	105.5	56	10.5	290
HCD-30	400	336	311	153	75	10.5	348
HCD-35	465	390	363	166	86	10.5	410
HCD-40	532	452	413	276	97.5	10.5	460

Characteristic curves

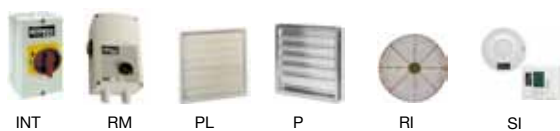
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



INT

RM

PL

P

RI

SI

HCH HFT HCT

Robust wall-mounted axial or long-cased fans

Robust wall-mounted axial or long-cased fans, PL version supplied with plastic impeller and AL version supplied with aluminium impeller

Fan:

- Airflow direction from motor to impeller
- PL version impellers in polyamide 6 reinforced with fibreglass and AL version in cast aluminium
- HCT-40-2T and HCT-45-2T models only in AL version
- HCH: Support ring in sheet steel
- HFT: Support ring in sheet steel with double clamp and packing boxes for cable entry
- HCT: Sheet steel long casing with external terminal board

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 56, IP54 protection.
- One- or two-speed depending on the model
- 220V single-phase. 60Hz., and three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Working temperature: -25°C.+ 50°C.

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers
- Special windings for different voltages.
- ATEX certification, Category 2



HCH



HFT



HCT

Order code

HCH	—	40	—	2T	—	1,5	—	PL	—	60Hz
HCH: Robust wall-mounted axial fans		Impeller diameter in cm.		Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz		T=Three-phase M=Single-phase (C.V.)		PL=Impeller made from plastic AL=Impeller made from aluminium		

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V	660V				HCH	HCT
HCT 25-2T	3330	0.58	0.34		0.12	1940	64	7	
HCT 25-2M	3330	0.9			0.12	1940	64	7	
HCT 25-4T	1734	0.57	0.33		0.06	980	50	7	
HCT 25-4M	1734	0.58			0.06	980	50	7	
HCT 31-2T	3300	1.12	0.65		0.18	2900	70	8	
HCT 31-2M	3240	1.45			0.18	2900	70	8	
HCT 31-4T	1740	0.6	0.34		0.08	1550	52	8	
HCT 31-4M	1740	0.65			0.08	1550	52	8	
HCH HCT 35-2T	3360	2.15	1.25		0.37	5750	77	9	12
HCT 35-2M	3300	2.9			0.37	5750	77		12
HCH HCT 35-4T	1728	0.64	0.37		0.1	3100	59	7	10
HCT 35-4M	1728	0.67			0.1	3100	59		10
HCH HCT 40-2T-1.5	3480	4.68	2.7		1.1	8750	84	17	25
HCH HCT 40-4T-0.33	1740	1.58	0.91		0.25	5100	64	13	21
HCT 45-2T-2	3480	5.89	3.4		1.5	10300	86		31
HCT 45-2T-3	3480	8.23	4.75		2.2	12800	88		34
HCT 45-2/4T-3	3492/1704	-	5.00/1.60		2.20/0.60	12800/6400	88/73		33
HCH HCT 45-4T-0.5	1740	2.07	1.2		0.37	7100	68	15	24
HCH HCT 45-4M-0.5	1740	3.1			0.37	7100	68	15	24
HCH	1140	1.47	0.85		0.25	4750	55	14	
HCH	1140	1.3			0.25	4750	55	15	
HCT 50-4T-0,75	1740	3	1.73		0.55	10300	70		28
HCH HFT HCT 56-4T-0,75	1740	3.12	1.8		0.55	11000	72	21	33

Technical characteristics

Model				Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
					220V	380V	660V				HCH	HCT
HCH	HFT	HCT	56-4M-0,75	1740	4.4			0.55	11000	72	21	33
HCH	HFT	HCT	56-4T-1	1740	3.46	2		0.75	12900	73	22	34
HCH	HFT	HCT	56-4/8T-1	1716/852	-	2.15/0.90		0.75/0.15	12900/6450	73/58	23	35
HCH	HFT	HCT	56-4T-1,5	1740	5.2	3		1.1	14000	74	26	37
HCH	HFT	HCT	56-4/8T-1,5	1728/852	-	3.15/1.30		1.10/0.25	14000/7000	74/59	24	35
HCH	HFT	HCT	56-4T-2	1740	6.41	3.7		1.5	15300	75	28	39
HCH	HFT	HCT	56-4/8T-2	1704/840	-	3.50/1.50		1.50/0.37	15300/7650	75/60	28	39
HCH	HFT	HCT	56-6T -0,33	1140	1.47	0.85		0.25	8400	61	18	30
HCH	HFT	HCT	56-6M -0,33	1140	1.85			0.25	8400	61	19	31
HCH	HFT	HCT	56-6T -0,5	1140	2.11	1.22		0.37	9300	61	20	32
HCH	HFT	HCT	56-6T -0,75	1140	2.96	1.71		0.55	10000	62	22	34
HCH	HFT	HCT	63-4T-1	1740	3.46	2		0.75	14100	73	27	42
HCH	HFT	HCT	63-4/8T-1	1716/852	-	2.15/0.90		0.75/0.15	14100/7050	73/58	27	43
HCH	HFT	HCT	63-4T-1,5	1740	5.2	3		1.1	17000	74	30	45
HCH	HFT	HCT	63-4/8T-1,5	1728/852	-	3.15/1.30		1.10/0.25	17000/8500	74/59	29	44
HCH	HFT	HCT	63-4T-2	1740	6.41	3.7		1.5	18900	75	33	48
HCH	HFT	HCT	63-4/8T-2	1704/840	-	3.50/1.50		1.50/0.37	18900/9450	75/60	32	48
HCH	HFT	HCT	63-4T-3	1740	8.49	4.9		2.2	22000	76	41	57
HCH	HFT	HCT	63-4/8T-3	1716/852	-	4.90/1.70		2.20/0.45	22000/11000	76/61	38	54
HCH	HFT	HCT	63-4T-4	1740	11.78	6.8		3	25200	77	43	59
HCH	HFT	HCT	63-4/8T-4	1716/852	-	6.50/2.30		3.00/0.60	25200/12600	77/62	42	57
HCH	HFT	HCT	63-6T -0,5	1140	2.11	1.22		0.37	12000	64	25	40
HCH	HFT	HCT	63-6M -0,5	1140	2.8			0.37	12000	64	25	40
HCH	HFT	HCT	63-6T -0,75	1140	2.96	1.71		0.55	12600	65	27	42
HCH	HFT	HCT	63-6T -1	1140	3.91	2.26		0.75	13800	66	33	48
HCH	HFT	HCT	63-6/12T-1	1122/522	-	2.20/0.87		0.75/0.15	13800/6900	66/51	32	47
HCH	HFT	HCT	71-4T-1,5	1740	5.2	3		1.1	19900	78	33	52
HCH	HFT	HCT	71-4/8T-1,5	1728/852	-	3.15/1.30		1.10/0.25	19900/9950	78/63	32	51
HCH	HFT	HCT	71-4T-2	1740	6.41	3.7		1.5	21000	79	36	55
HCH	HFT	HCT	71-4/8T-2	1704/840	-	3.50/1.50		1.50/0.37	21000/10500	79/64	35	54
HCH	HFT	HCT	71-4T-3	1740	8.49	4.9		2.2	24000	81	45	64
HCH	HFT	HCT	71-4/8T-3	1716/852	-	4.90/1.70		2.20/0.45	24000/12000	81/66	42	61
HCH	HFT	HCT	71-4T-4	1740	11.78	6.8		3	29400	82	47	66
HCH	HFT	HCT	71-4/8T-4	1716/852	-	6.50/2.30		3.00/0.60	29400/14700	82/67	46	64
HCH	HFT	HCT	71-6T -0,75	1140	2.96	1.71		0.55	15000	67	29	49
HCH	HFT	HCT	71-6M -0,75	1140	3.8			0.55	15000	67	29	49
HCH	HFT	HCT	71-6T -1	1140	3.91	2.26		0.75	17200	68	36	55
HCH	HFT	HCT	71-6/12T-1	1140/522	-	2.26/0.87		0.75/0.15	17200/8600	68/53	35	54
HCH	HFT	HCT	71-6T -1,5	1140	5	2.89		1.1	21100	69	38	57
HCH	HFT	HCT	71-6/12T-1,5	1140/564	-	3.00/1.15		1.10/0.18	21100/10550	69/54	37	56
HCH	HFT	HCT	80-4T-3	1740	8.49	4.9		2.2	29500	82	53	72
HCH	HFT	HCT	80-4/8T-3	1716/852	-	4.90/1.70		2.20/0.45	29500/14750	82/67	50	69
HCH	HFT	HCT	80-4T-4	1740	11.78	6.8		3	37000	83	55	74
HCH	HFT	HCT	80-4/8T-4	1716/852	-	6.50/2.30		3.00/0.60	37000/18500	83/68	54	73
HCH	HFT	HCT	80-4T-5,5	1740	15.24	8.8		4	40500	84	60	79
HCH	HFT	HCT	80-4/8T-5,5	1716/852	-	8.80/2.90		4.00/0.80	40500/20250	84/69	66	85
HCH	HFT	HCT	80-6T -1	1140	4.16	2.4		0.75	23000	71	44	64
HCH	HFT	HCT	80-6/12T-1	1140/522	-	2.40/0.87		0.75/0.15	23000/11500	71/56	43	63
HCH	HFT	HCT	80-6T -1,5	1140	5.8	3.35		1.1	26000	72	46	66
HCH	HFT	HCT	80-6/12T-1,5	1140/564	-	3.35/1.15		1.10/0.18	26000/13000	72/57	45	65
HCH	HFT	HCT	80-6T -2	1140	7.62	4.4		1.5	29700	73	52	71
HCH	HFT	HCT	80-6/12T-2	1164/564	-	4.60/1.90		1.50/0.25	29700/14850	73/58	62	81
HCH	HFT	HCT	80-6T -3	1140	9.35	5.4		2.2	33500	74	57	76
HCH	HFT	HCT	80-6/12T-3	1128/564	-	5.60/2.20		2.20/0.37	33500/16750	74/59	62	81
HCH	HFT	HCT	80-8T-0,5	864	2.77	1.6		0.37	16500	69	43	63
HCH	HFT	HCT	80-8T-0,75	864	3.26	1.88		0.55	19500	70	45	65
HCH	HFT	HCT	80-8T-1	864	4.23	2.44		0.75	22000	71	50	69
HCH	HFT	HCT	90-4T-4	1740	11.95	6.9		3	40000	87	62	90
HCH	HFT	HCT	90-4/8T-4	1716/852	-	6.90/2.30		3.00/0.60	40000/20000	87/72	61	88
HCH	HFT	HCT	90-4T-5,5	1740	15.24	8.8		4	46500	89	67	95
HCH	HFT	HCT	90-4/8T-5,5	1740/852	-	8.80/2.90		4.00/0.80	46500/23250	89/74	73	101
HCH	HFT	HCT	90-4T-7,5	1740	-	12.4	7.2	5.5	51000	91	83	109
HCH	HFT	HCT	90-4/8T-7,5	1752/870	-	12.50/4.10		5.50/1.10	51000/25500	91/76	93	119
HCH	HFT	HCT	90-4T-10	1740	-	15.6	9	7.5	54700	92	94	120
HCH	HFT	HCT	90-4/8T-10	1752/870	-	15.30/5.40		7.50/1.50	54700/27350	92/77	98	124

Technical characteristics

Model				Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
					220V	380V	660V				HCH	HCT
HCH	HFT	HCT	90-6T -2	1140	7.62	4.4		1.5	34300	77	59	87
HCH	HFT	HCT	90-6/12T-2	1164/564	-	4.60/1.90		1.50/0.25	34300/17150	77/62	69	97
HCH	HFT	HCT	90-6T -3	1140	9.35	5.4		2.2	38000	78	64	92
HCH	HFT	HCT	90-6/12T-3	1128/564	-	5.60/2.20		2.20/0.37	38000/19000	78/63	69	97
HCH	HFT	HCT	90-6T -4	1140	12.66	7.31		3	42400	79	88	114
HCH	HFT	HCT	90-6/12T-4	1152/564	-	8.20/3.40		3.00/0.55	42400/21200	79/64	87	113
HCH	HFT	HCT	90-8T-1	864	4.23	2.44		0.75	22500	71	57	85
HCH	HFT	HCT	90-8T-1,5	864	5.99	3.46		1.1	24000	72	60	88
HCH	HFT	HCT	90-8T-2	864	7.36	4.25		1.5	26000	73	71	99
HCH	HFT	HCT	90-8T-3	864	9.75	5.63		2.2	30000	74	98	124
HCH	HFT	HCT	100-4T-7,5	1740	-	11.9	6.9	5.5	54000	92	91	121
HCH	HFT	HCT	100-4/8T-7,5	1752/870	-	12.50/4.10		5.50/1.10	54000/27000	92/77	101	128
HCH	HFT	HCT	100-4T-10	1740	-	16.9	9.8	7.5	63000	93	102	131
HCH	HFT	HCT	100-4/8T-10	1752/870	-	16.90/5.40		7.50/1.50	63000/31500	93/78	106	135
HCH	HFT	HCT	100-4T-15	1752	-	22.5	13	11	68000	94	125	160
HCH	HFT	HCT	100-4/8T-15	1752/882	-	21.00/7.40		10.50/2.20	68000/34000	94/79	125	160
HCH	HFT	HCT	100-4T-20	1746	-	30	17.3	15	72000	95	144	179
HCH	HFT	HCT	100-4/8T-20	1752/882	-	30.00/9.50		15.50/2.70	72000/36000	95/80	140	175
HCH	HFT	HCT	100-6T -3	1140	10.05	5.8		2.2	43000	82	72	103
HCH	HFT	HCT	100-6/12T-3	1128/564	-	5.80/2.20		2.20/0.37	43000/21500	82/67	77	108
HCH	HFT	HCT	100-6T -4	1140	12.66	7.31		3	47000	83	96	125
HCH	HFT	HCT	100-6/12T-4	1152/564	-	8.20/3.40		3.00/0.55	47000/23500	83/68	95	124
HCH	HFT	HCT	100-6T -5,5	1140	15.76	9.1		4	53000	84	104	133
HCH	HFT	HCT	100-6/12T-5,5	1164/576	-	11.00/4.00		4.00/0.65	53000/26500	84/69	100	129
HCH	HFT	HCT	100-8T-1,5	864	6.32	3.65		1.1	32500	76	67	99
HCH	HFT	HCT	100-8T-2	864	7.36	4.25		1.5	33900	77	79	110
HCH	HFT	HCT	100-8T-3	864	9.75	5.63		2.2	35000	77	106	135
HCH	HFT	HCT	100-8T-4	864	12.51	7.22		3	38000	78	114	143

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25-2	35	50	69	68	69	68	63	54	71-4-1,5	55	75	83	88	90	87	80	69
25-4	21	36	55	54	55	54	49	40	01/08/1971,5 (2v)	40	60	68	73	75	72	65	54
31-2	41	56	75	74	75	74	69	60	71-4-2	56	76	84	89	91	88	81	70
31-4	23	38	57	56	57	56	51	42	02/08/1971 (2v)	41	61	69	74	76	73	66	55
35-2	48	63	82	81	82	81	76	67	71-4-3	58	78	86	91	93	90	83	72
35-4	30	45	64	63	64	63	58	49	03/08/1971 (2v)	43	63	71	76	78	75	68	57
40-2	55	70	89	88	89	88	83	74	71-4-4	59	79	87	92	94	91	84	73
40-4	35	50	69	68	69	68	63	54	04/08/1971 (2v)	44	64	72	77	79	76	69	58
45-2-2	51	68	80	88	93	93	89	82	71-6-0,75	44	64	72	77	79	76	69	58
45-2-3	53	70	82	90	95	95	91	84	71-6-1	45	65	73	78	80	77	70	59
03/04/1945 (2v)	38	55	67	75	80	80	76	69	01/12/1971 (2v)	30	50	58	63	65	62	55	44
45-4-0,5	33	50	62	70	75	75	71	64	71-6-1,5	46	66	74	79	81	78	71	60
45-6	20	37	49	57	62	62	58	51	01/12/1971,5 (2v)	31	51	59	64	66	63	56	45
50-4	37	54	67	74	79	80	75	68	80-4-3	59	79	87	92	94	91	84	73
56-4-0,75	47	67	75	80	82	79	72	61	03/08/1980 (2v)	44	64	72	77	79	76	69	58
56-4-1	48	68	76	81	83	80	73	62	80-4-4	60	80	88	93	95	92	85	74
56-8-1 (2v)	33	53	61	66	68	65	58	47	04/08/1980 (2v)	45	65	73	78	80	77	70	59
56-4-1,5	49	69	77	82	84	81	74	63	80-4-5,5	61	81	89	94	96	93	86	75
56-8-1,5 (2v)	34	54	62	67	69	66	59	48	05/08/1980,5 (2v)	46	66	74	79	81	78	71	60
56-4-2	50	70	78	83	85	82	75	64	80-6-1	48	68	76	81	83	80	73	62
02/08/1956 (2v)	35	55	63	68	70	67	60	49	01/12/1980 (2v)	33	53	61	66	68	65	58	47
56-6-0,33	36	56	64	69	71	68	61	50	80-6-1,5	49	69	77	82	84	81	74	63
56-6-0,5	36	56	64	69	71	68	61	50	01/12/1980,5 (2v)	34	54	62	67	69	66	59	48
56-6-0,75	37	57	65	70	72	69	62	51	80-6-2	50	70	78	83	85	82	75	64
63-4-1	50	70	78	83	85	82	75	64	02/12/1980 (2v)	35	55	63	68	70	67	60	49
01/08/1963 (2v)	35	55	63	68	70	67	60	49	80-6-3	51	71	79	84	86	83	76	65
63-4-1,5	51	71	79	84	86	83	76	65	03/12/1980 (2v)	36	56	64	69	71	68	61	50
01/08/1963,5 (2v)	36	56	64	69	71	68	61	50	80-8-0,5	46	66	74	79	81	78	71	60
63-4-2	52	72	80	85	87	84	77	66	80-8-0,75	47	67	75	80	82	79	72	61
02/08/1963 (2v)	37	57	65	70	72	69	62	51	80-8-1	48	68	76	81	83	80	73	62
63-4-3	53	73	81	86	88	85	78	67	90-4-4	65	86	93	98	101	97	90	79
03/08/1963 (2v)	38	58	66	71	73	70	63	52	04/08/1990 (2v)	50	71	78	83	86	82	75	64
63-4-4	54	74	82	87	89	86	79	68	90-4-5,5	67	88	95	100	103	99	92	81
04/08/1963 (2v)	39	59	67	72	74	71	64	53	05/08/1990,5 (2v)	52	73	80	85	88	84	77	66
63-6-0,5	41	61	69	74	76	73	66	55	90-4-7,5	69	90	97	102	105	101	94	83
63-6-0,75	42	62	70	75	77	74	67	56	07/08/1990,5 (2v)	54	75	82	87	90	86	79	68
63-6-1	43	63	71	76	78	75	68	57	90-4-10	70	91	98	103	106	102	95	84
01/12/1963 (2v)	28	48	56	61	63	60	53	42	10/08/1990 (2v)	55	76	83	88	91	87	80	69

Acoustic features

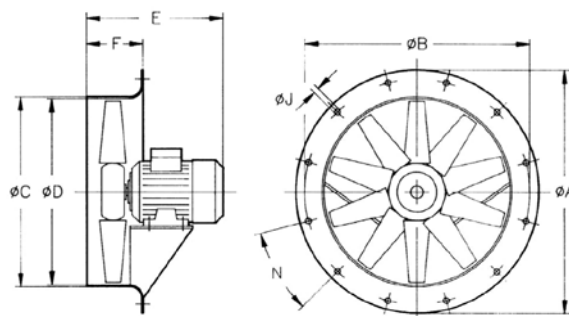
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
90-6-2	55	76	83	88	91	87	80	69	100-4-15	74	94	102	107	109	106	99	88
02/12/1990 (2v)	40	61	68	73	76	72	65	54	100-8-15 (2v)	59	79	87	92	94	91	84	73
90-6-3	56	77	84	89	92	88	81	70	100-4-20	75	95	103	108	110	107	100	89
03/12/1990 (2v)	41	62	69	74	77	73	66	55	100-8-20 (2v)	60	80	88	93	95	92	85	74
90-6-4	57	78	85	90	93	89	82	71	100-6-3	62	82	90	95	97	94	87	76
04/12/1990 (2v)	42	63	70	75	78	74	67	56	100-12-3 (2v)	47	67	75	80	82	79	72	61
90-8-1	49	70	77	82	85	81	74	63	100-6-4	63	83	91	96	98	95	88	77
90-8-1,5	50	71	78	83	86	82	75	64	100-12-4 (2v)	48	68	76	81	83	80	73	62
90-8-2	51	72	79	84	87	83	76	65	100-6-5,5	64	84	92	97	99	96	89	78
90-8-3	52	73	80	85	88	84	77	66	100-12-5,5 (2v)	49	69	77	82	84	81	74	63
100-4-7,5	72	92	100	105	107	104	97	86	100-8-1,5	56	76	84	89	91	88	81	70
100-8-7,5 (2v)	57	77	85	90	92	89	82	71	100-8-2	57	77	85	90	92	89	82	71
100-4-10	73	93	101	106	108	105	98	87	100-8-3	57	77	85	90	92	89	82	71
100-8-10 (2v)	58	78	86	91	93	90	83	72	100-8-4	58	78	86	91	93	90	83	72

Dimensions in mm

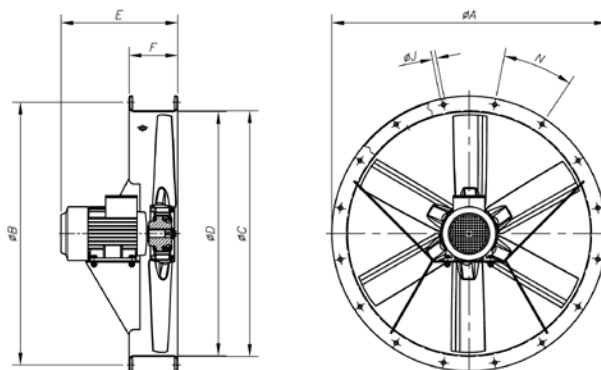
HCH



Model	ØA	ØB	ØC	ØD	E														F	ØJ	N
					0,16	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20			
HCH-35-2	425	395	358	355	-	-	285	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°	
HCH-35-4	425	395	358	355	257	-	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°	
HCH-40-2	490	450	414	410	-	-	-	-	-	314	-	-	-	-	-	-	-	120	12	8 X 45°	
HCH-40-4	490	450	414	410	-	295	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°	
HCH-45-4	540	500	464	460	-	-	280	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°	
HCH-45-6	540	500	464	460	-	280	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°	
HCH-56-4	660	620	564	560	-	-	-	310	310	330	350	-	-	-	-	-	-	120	12	12 X 30°	
HCH-56-6	660	620	564	560	-	285	310	310	-	-	-	-	-	-	-	-	-	120	12	12 X 30°	
HCH-63-4	730	690	645	640	-	-	-	-	325	325	355	405	405	-	-	-	-	150	12	12 X 30°	
HCH-63-6	730	690	645	640	-	-	325	325	335	-	-	-	-	-	-	-	-	150	12	12 X 30°	
HCH-71-4	810	770	715	710	-	-	-	-	-	330	350	415	415	-	-	-	-	150	12	16 X 22°30'	
HCH-71-6	810	770	715	710	-	-	-	315	330	350	-	-	-	-	-	-	-	150	12	16 X 22°30'	
HCH-80-4	900	860	805	800	-	-	-	-	-	-	-	425	425	445	-	-	-	180	12	16 X 22°30'	
HCH-80-6	900	860	805	800	-	-	-	-	355	375	425	445	-	-	-	-	-	180	12	16 X 22°30'	
HCH-80-8	900	860	805	800	-	-	380	380	410	-	-	-	-	-	-	-	-	180	12	16 X 22°30'	
HCH-90-4	1015	970	906	900	-	-	-	-	-	-	-	-	425	430	465	465	-	180	15	16 X 22°30'	
HCH-90-6	1015	970	906	900	-	-	-	-	-	-	425	430	465	-	-	-	-	180	15	16 X 22°30'	
HCH-90-8	1015	970	906	900	-	-	-	-	410	410	395	460	-	-	-	-	-	180	15	16 X 22°30'	
HCH-100-4	1115	1070	1006	1000	-	-	-	-	-	-	-	-	-	480	480	590	590	200	15	16 X 22°30'	
HCH-100-6	1115	1070	1006	1000	-	-	-	-	-	-	-	440	480	480	-	-	-	200	15	16 X 22°30'	
HCH-100-8	1115	1070	1006	1000	-	-	-	-	-	405	405	470	470	-	-	-	-	200	15	16 X 22°30'	

Dimensions in mm

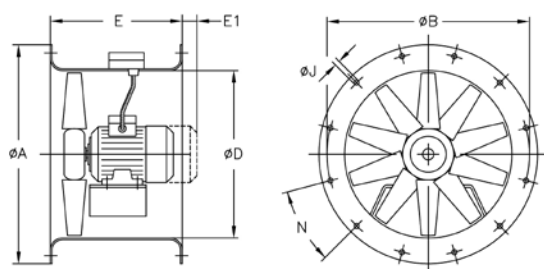
HFT



E

Model	øA	øB	øC	øD	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20	F	øJ	N
HFT-56-4	660	620	564	560	-	-	344	344	376	376	-	-	-	-	-	-	-	150	12	12x30°
HFT-56-6	660	620	564	560	310	344	344	-	-	-	-	-	-	-	-	-	-	150	12	12x30°
HFT-63-4	730	690	645	640	-	-	-	325	398	398	430	430	-	-	-	-	-	150	12	12x30°
HFT-63-6	730	690	645	640	-	325	325	398	-	-	-	-	-	-	-	-	-	150	12	12x30°
HFT-71-4	810	770	715	710	-	-	-	-	400	400	440	440	-	-	-	-	-	150	12	16x22°30'
HFT-71-6	810	770	715	710	-	-	325	400	400	-	-	-	-	-	-	-	-	150	12	16x22°30'
HFT-80-4	900	860	805	800	-	-	-	-	-	-	425	425	445	-	-	-	-	180	12	16x22°30'
HFT-80-6	900	860	805	800	-	-	-	390	390	425	445	-	-	-	-	-	-	180	12	16x22°30'
HFT-80-8	900	860	805	800	-	390	390	425	-	-	-	-	-	-	-	-	-	180	12	16x22°30'
HFT-90-4	1015	970	906	900	-	-	-	-	-	-	-	430	440	470	470	-	-	180	15	16x22°30'
HFT-90-6	1015	970	906	900	-	-	-	-	-	430	440	470	-	-	-	-	-	180	15	16x22°30'
HFT-90-8	1015	970	906	900	-	-	-	430	430	440	470	-	-	-	-	-	-	180	15	16x22°30'
HFT-100-4	1115	1070	1006	1000	-	-	-	-	-	-	-	-	-	485	485	590	590	200	15	16x22°30'
HFT-100-6	1115	1070	1006	1000	-	-	-	-	-	-	440	485	485	-	-	-	-	200	15	16x22°30'
HFT-100-8	1115	1070	1006	1000	-	-	-	-	420	440	485	485	-	-	-	-	-	200	15	16x22°30'

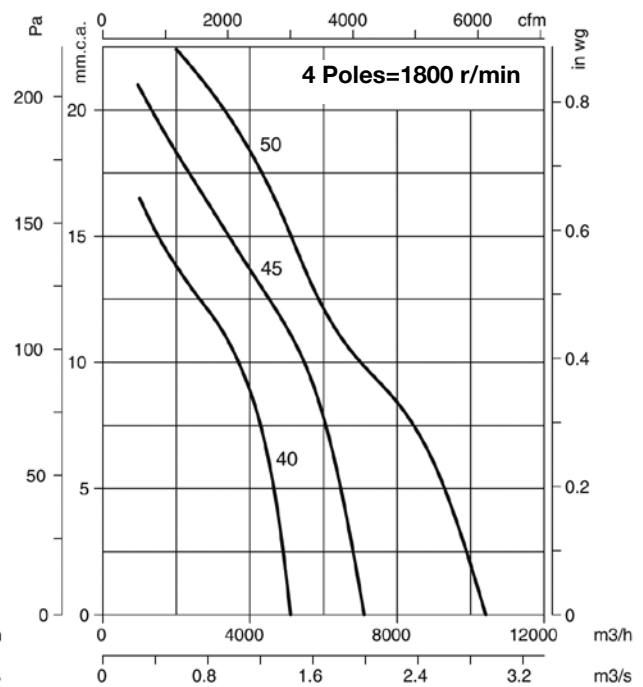
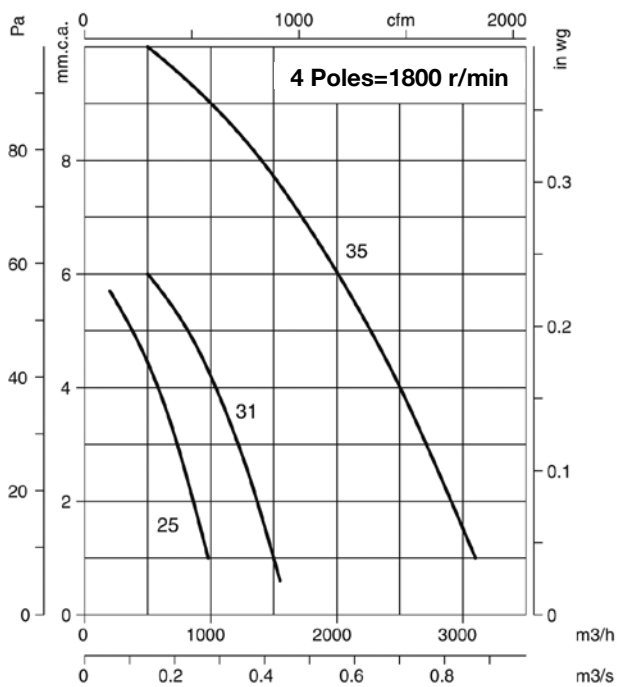
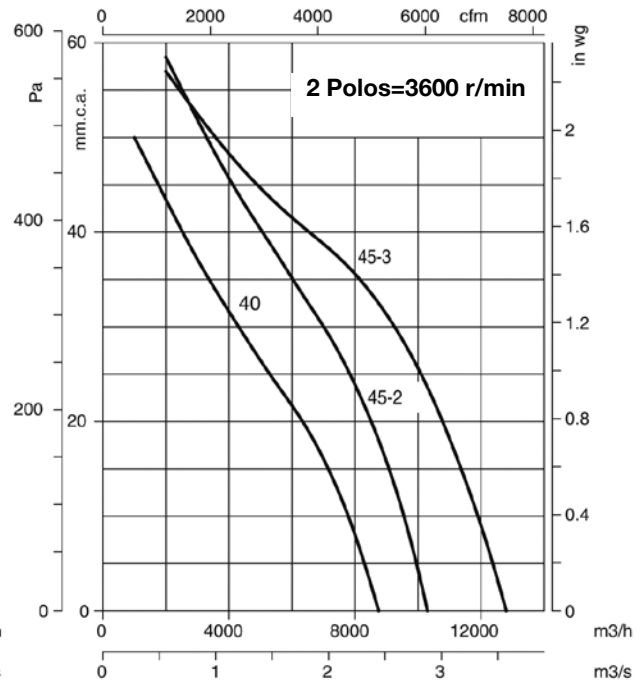
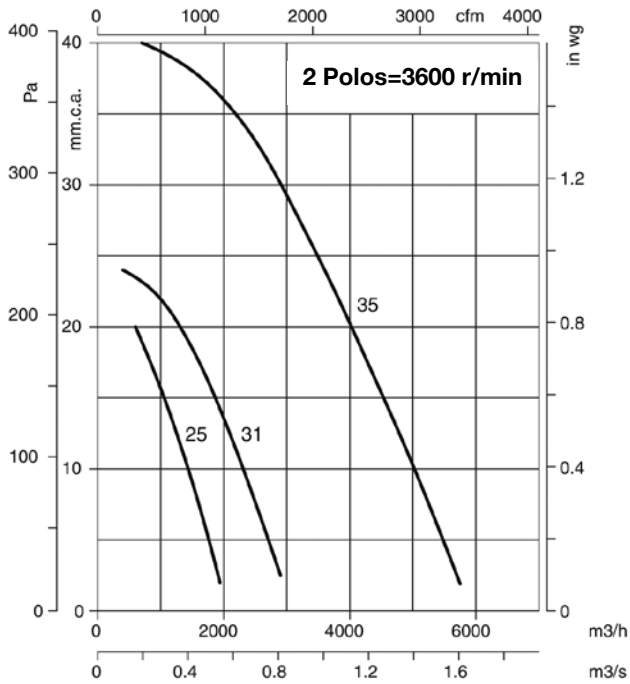
HCT



Model	øA	øB	øD	E	E1	øJ	N
HCT-25	310	280	240	230	10	10	4x90°
HCT-31	350	320	280	270	-	10	4x90°
HCT-35	425	395	355	280	-	10	8x45°
HCT-40	490	450	410	320	-	12	8x45°
HCT-45	540	500	460	360	-	12	8x45°
HCT-50	600	560	514	360	-	12	12x30°
HCT-56	660	620	560	400	-	12	12x30°
HCT-63	730	690	640	430	-	12	12x30°
HCT-71	810	770	710	500	-	12	16x22°30'
HCT-80	900	860	800	500	-	12	16x22°30'
HCT-90	1015	970	900	500	-	15	16x22°30'
HCT-100	1115	1070	1000	550	-	15	16x22°30'
HCT-100-4T-15	1115	1070	1000	650	-	15	16x22°30'
HCT-100-4T-20	1115	1070	1000	650	-	15	16x22°30'

Characteristic curvesQ = Airflow in m³/h, m³/s and cfm.

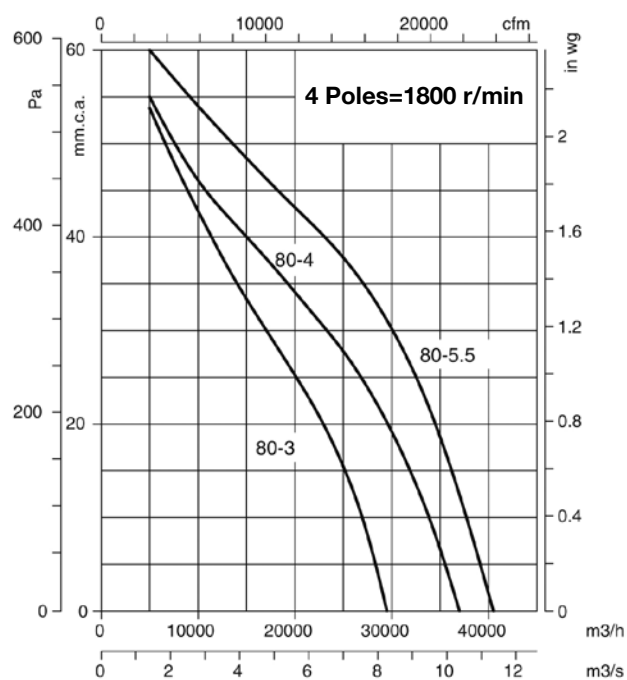
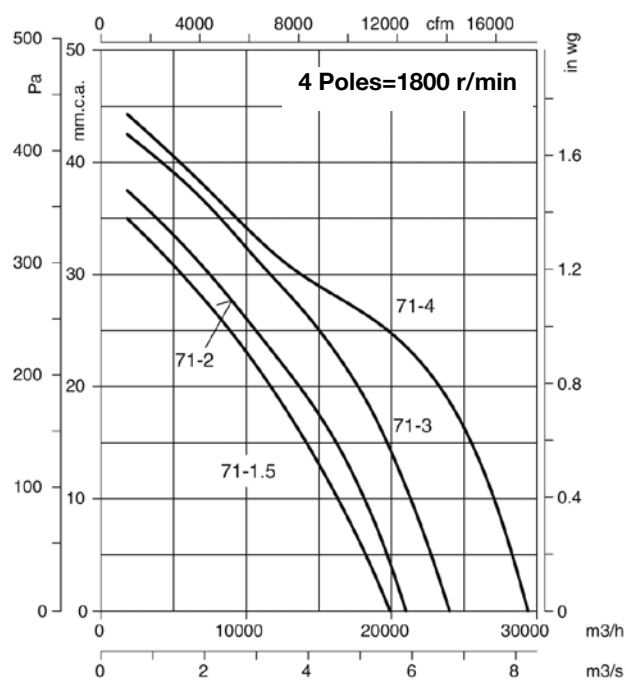
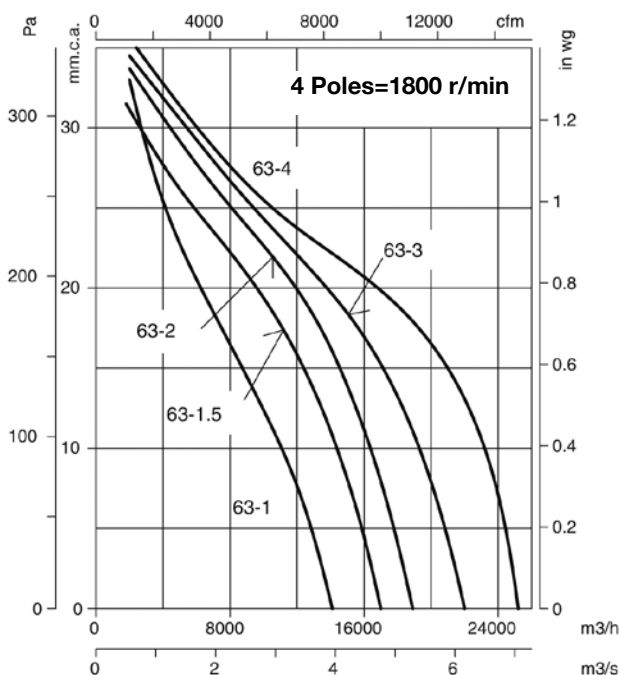
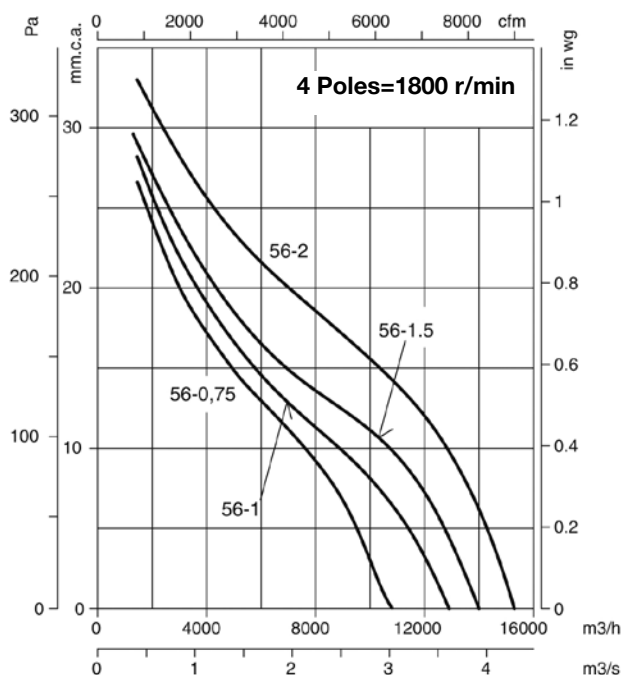
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

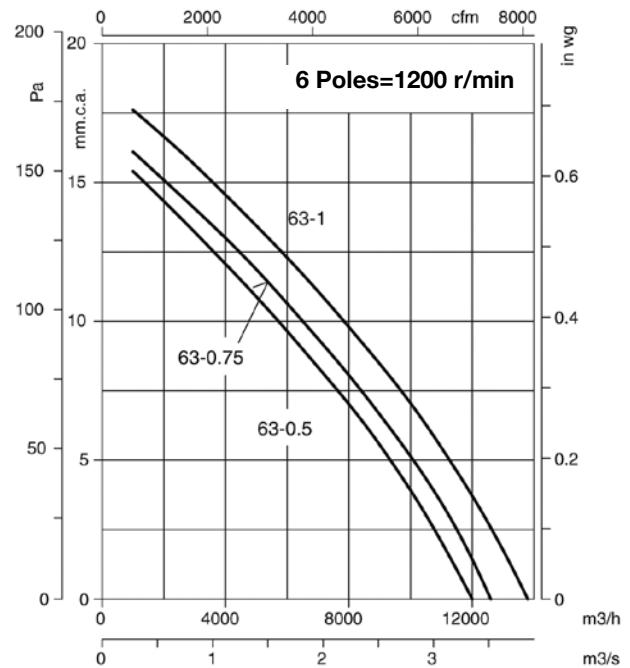
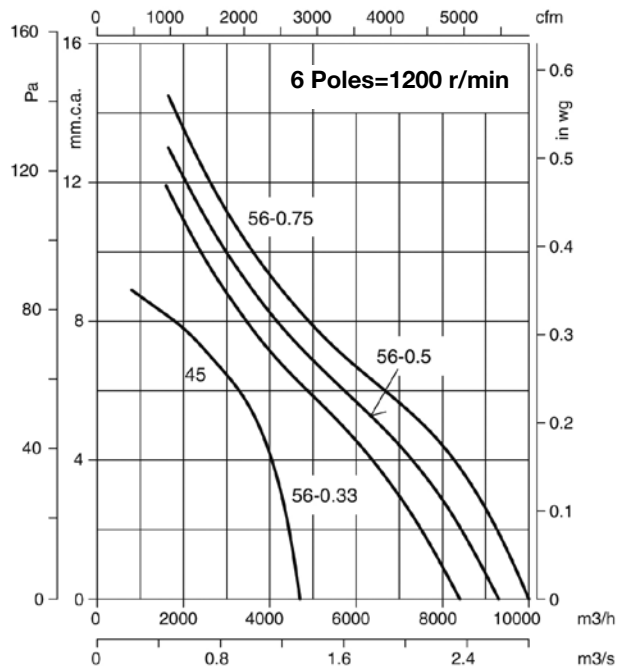
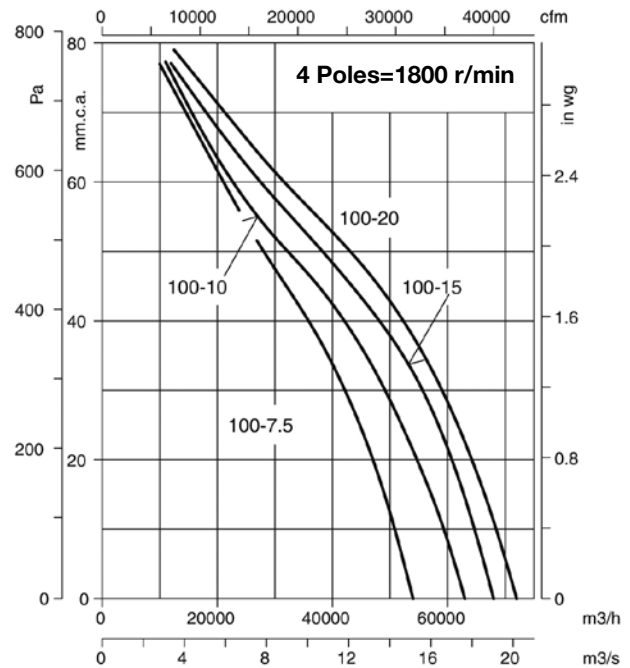
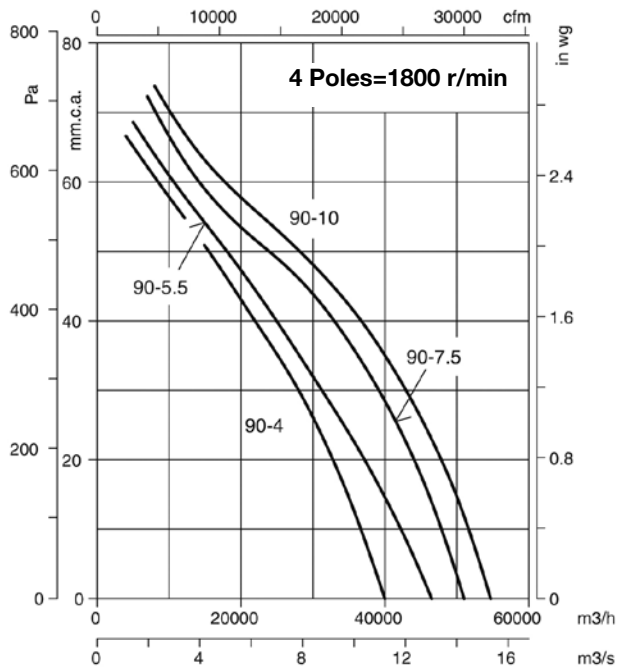
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curvesQ = Airflow in m³/h, m³/s and cfm.

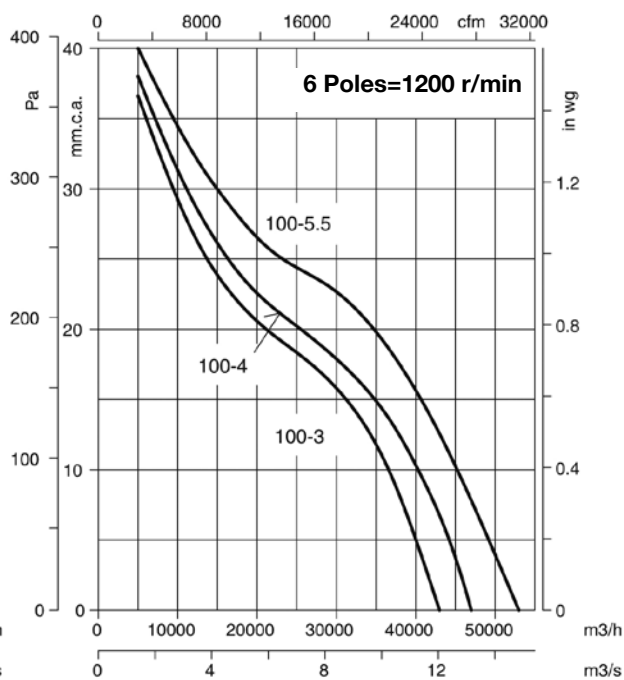
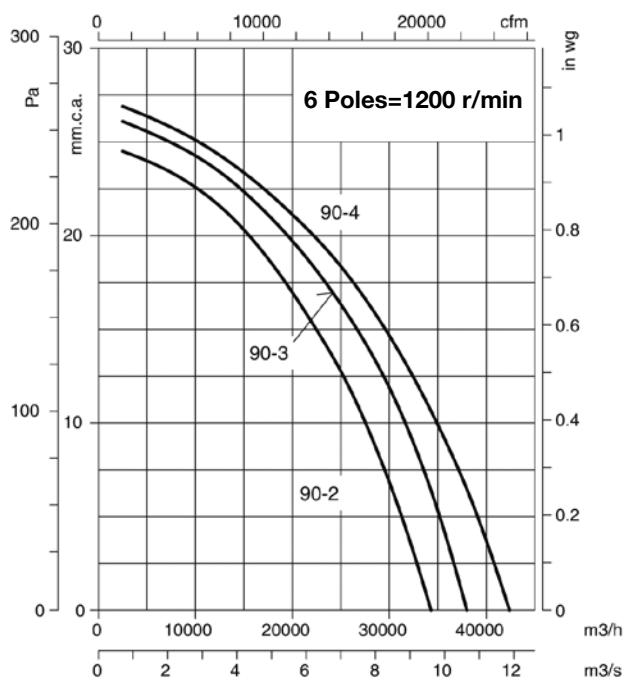
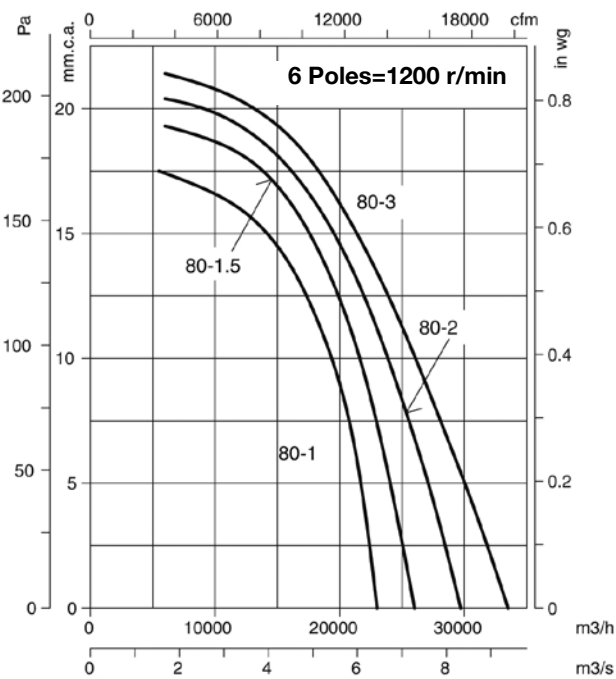
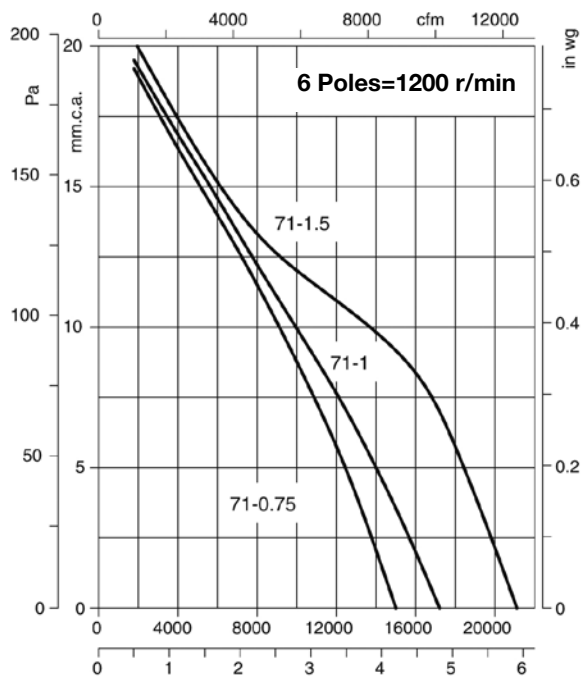
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

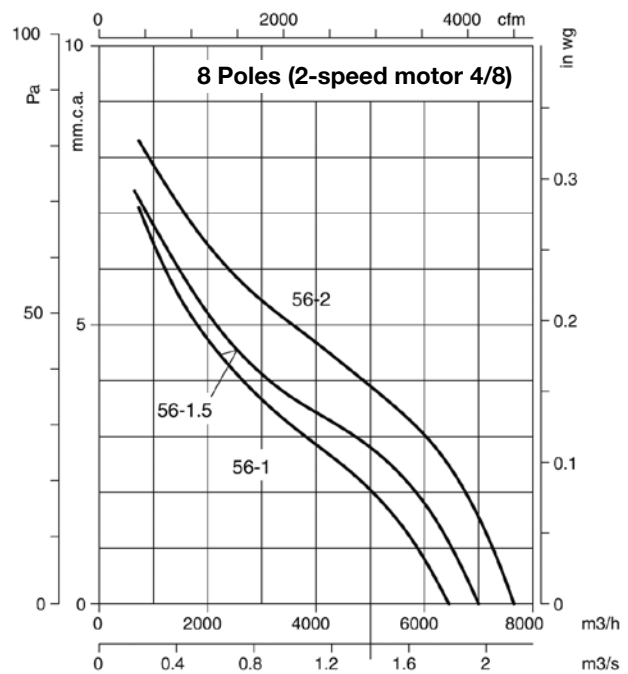
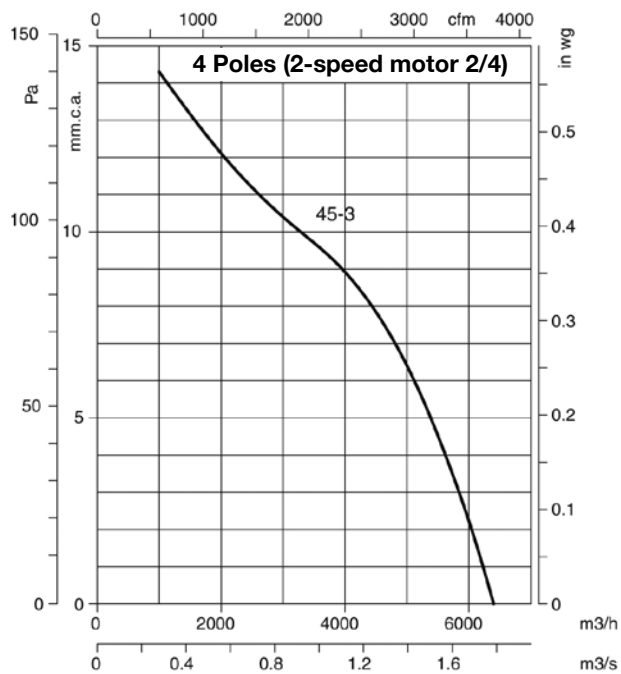
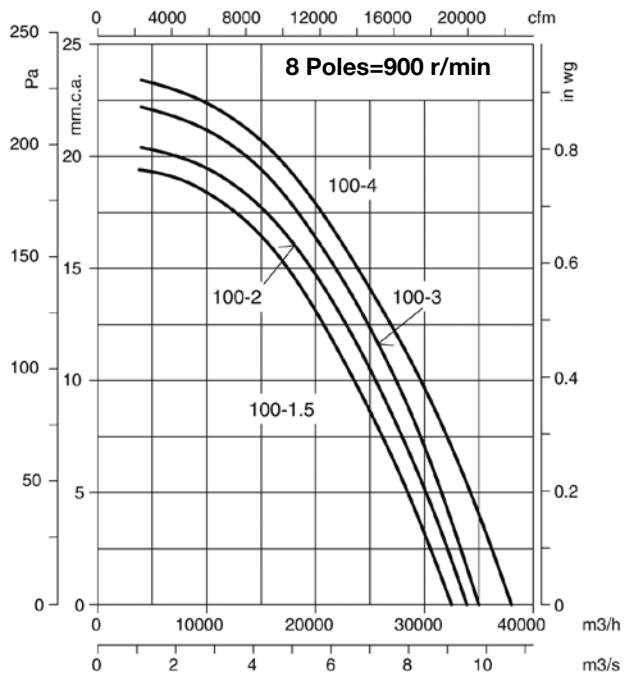
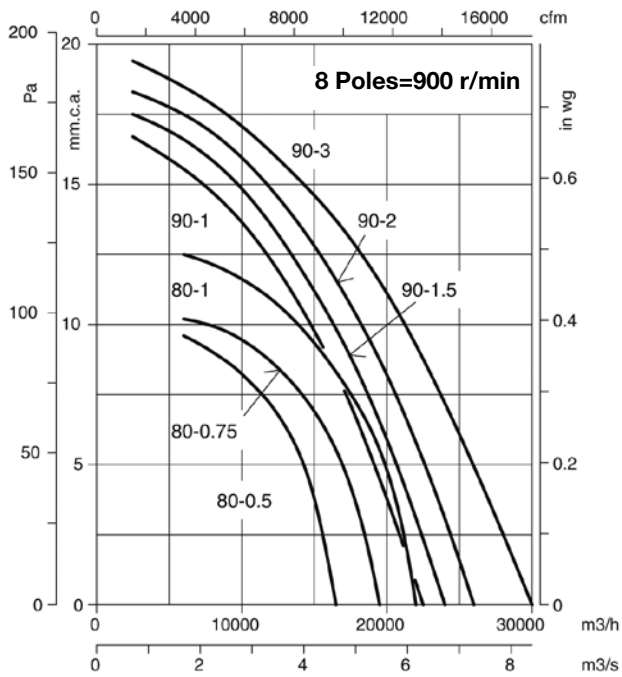
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

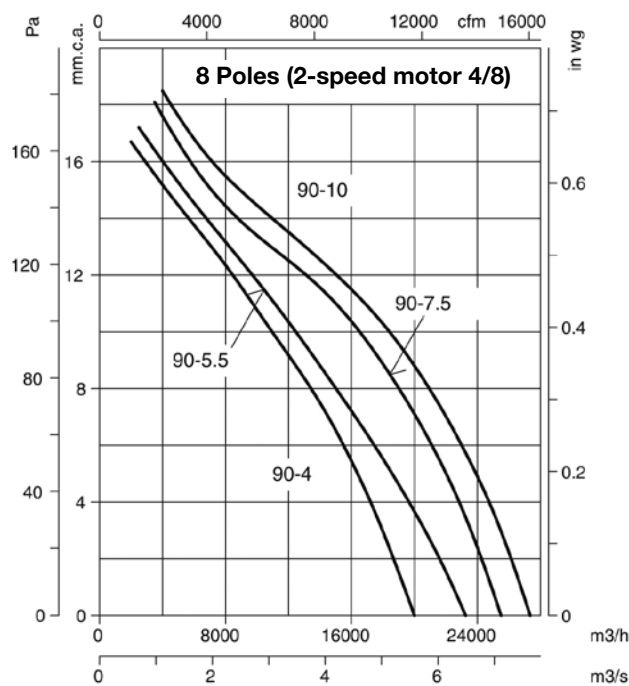
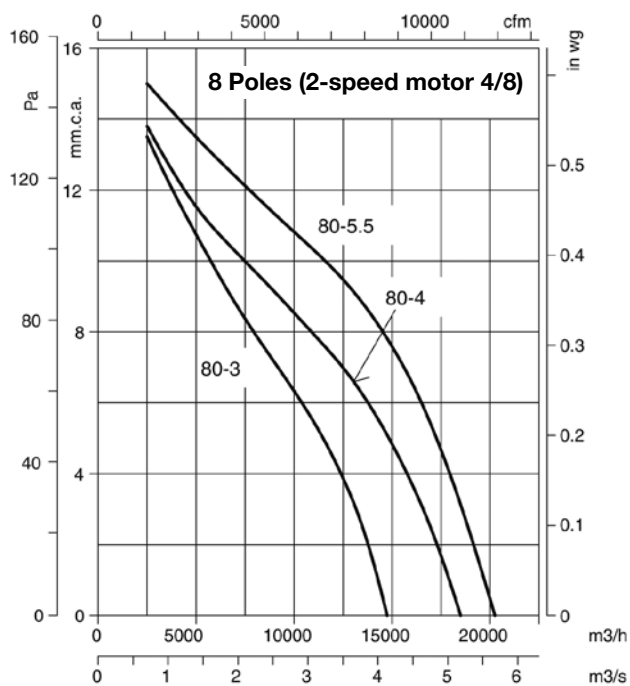
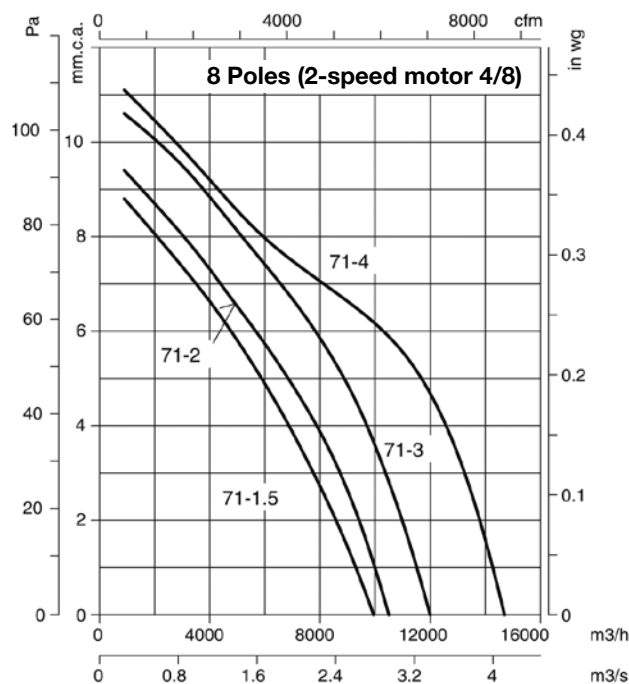
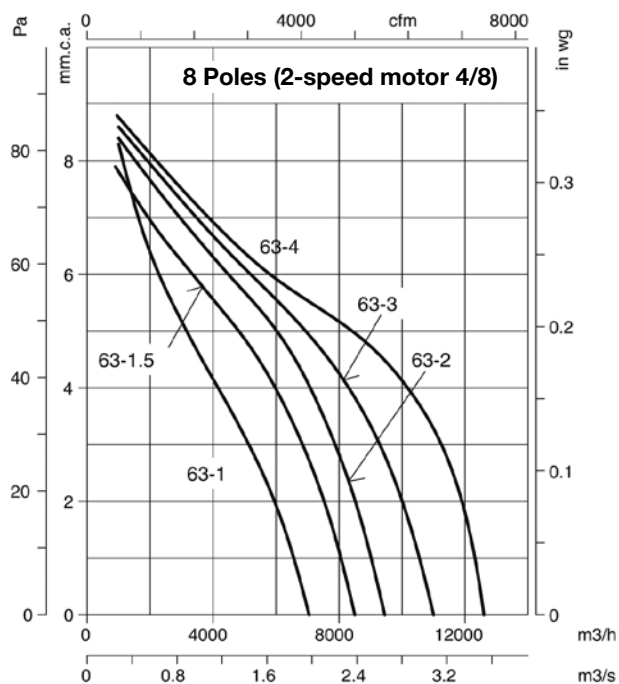
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

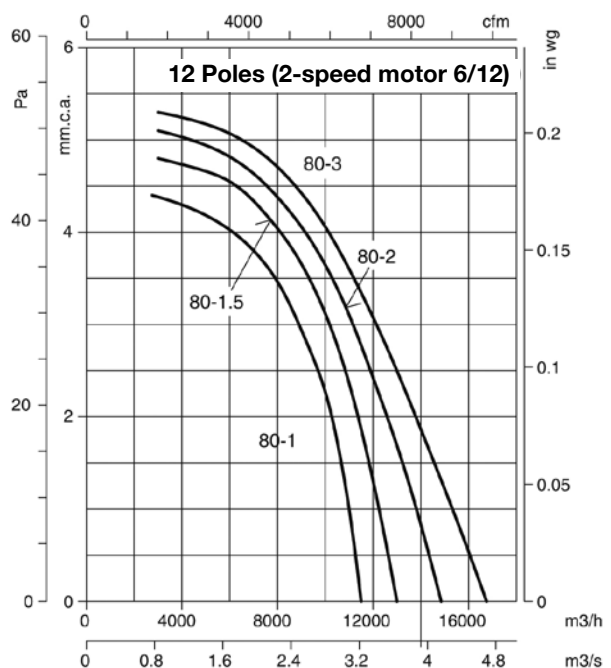
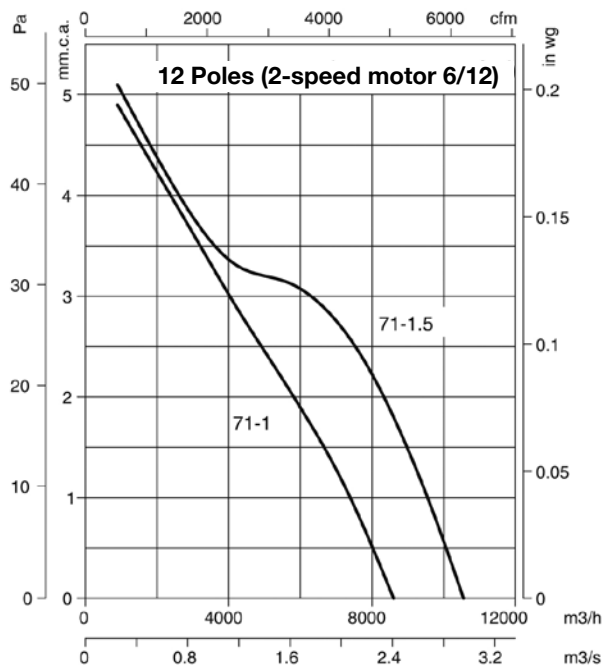
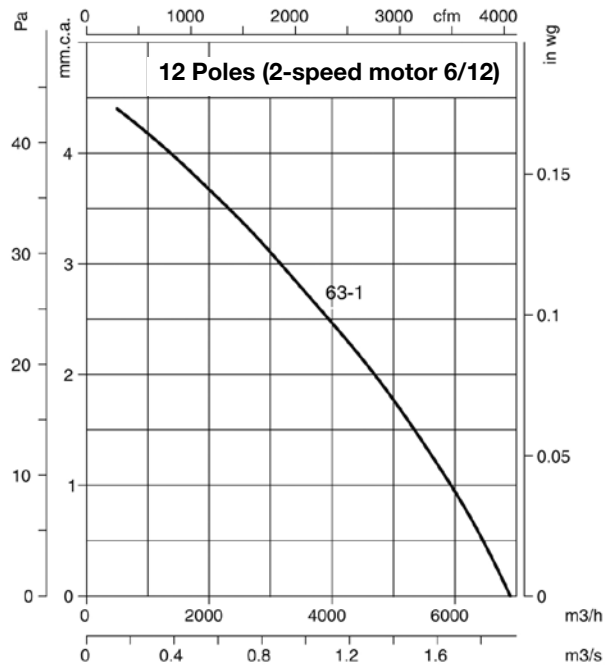
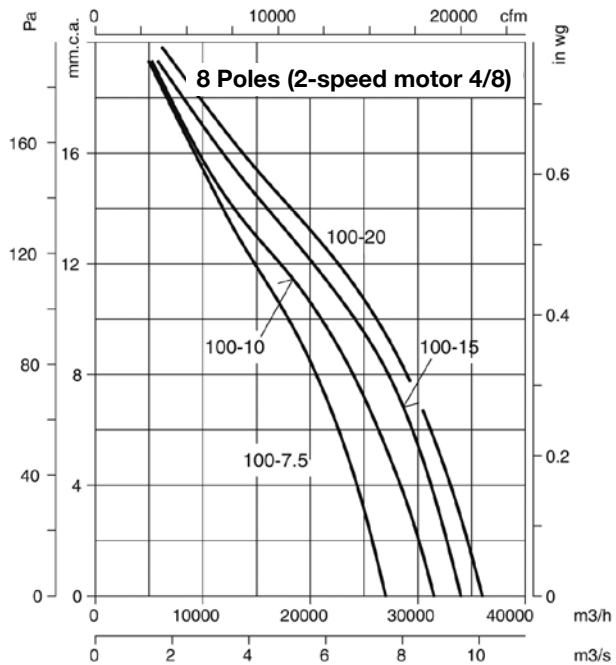
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

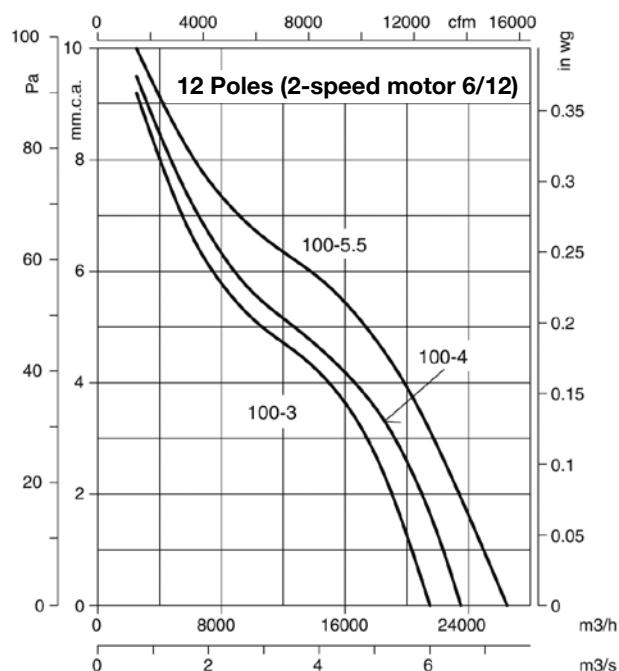
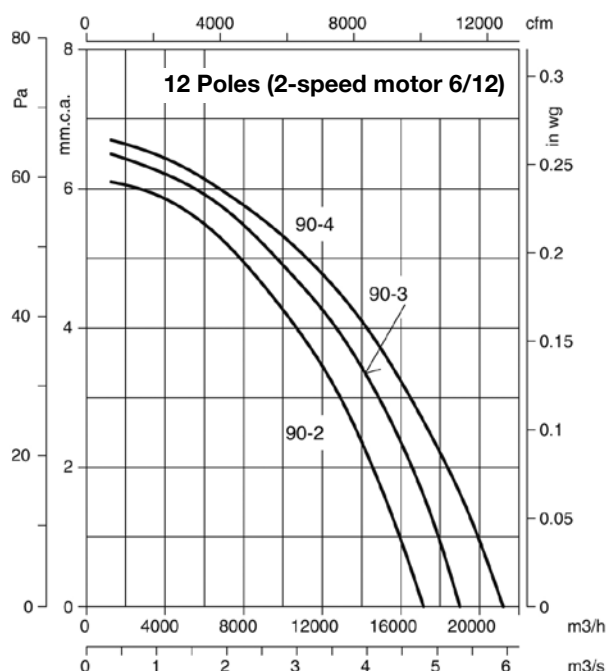
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



HTP



High pressure impeller

Cased high-pressure axial fans

Robust cased axial high-pressure fans, especially designed for mining installations with large losses of load

Fan:

- Sheet steel thick long casing
- Motor base welded to the casing
- Guidelines for high aerodynamic performance for pressure gain
- Optimum surface protection by means of high-quality steel.
- High-performance, cast aluminium impeller.
- Airflow direction from impeller to motor
- Electrical connection in outside terminal board.

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors with ball bearings, IP-55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Working temperature: -20°C +70°C

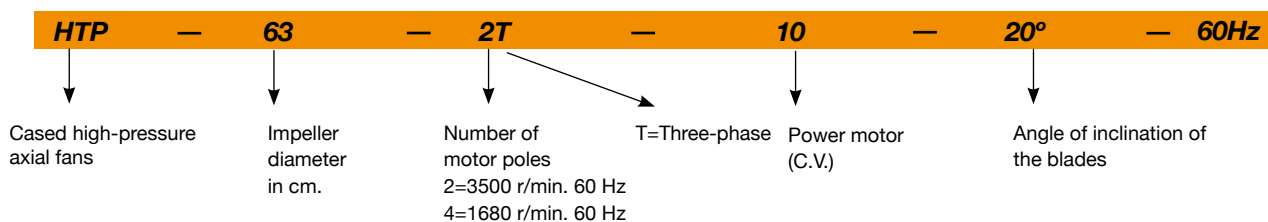
Finish:

- High-protection, anti-corrosion steel, specially primed and high-quality paint for corrosive environments.

On request:

- Standardised IP-55 motors, ATEX motors and two speeds
- Stainless steel or iron impellers
- Made entirely from stainless steel.
- Hot-rolled galvanised steel construction

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)	NPS dB(A)
		220V	380V	660V				
HTP-50-2T-4	3505	10.09	5.80	-	3.00	11000	49	82
HTP-50-2T-5.5	3505	13.22	7.60	-	4.00	13200	65	83
HTP-56-2T-5.5	3505	13.22	7.60	-	4.00	16600	69	88
HTP-56-2T-10	3505	-	14.00	8.12	7.50	22600	147	89
HTP-63-2T-10	3505	-	14.00	8.12	7.50	19750	132	94
HTP-63-2T-15	3540	-	19.20	11.13	11.00	24150	167	94
HTP-63-2T-20	3540	-	26.00	15.07	15.00	30800	181	97
HTP-63-2T-25	3540	-	31.50	18.26	18.50	35300	199	98
HTP-63-2T-30	3540	-	39.50	22.90	22.00	37550	208	99
HTP-63-4T-1.5	1715	4.17	2.40	-	1.10	10850	92	79
HTP-63-4T-2	1715	5.74	3.30	-	1.50	13200	93	79
HTP-63-4T-3	1740	8.00	4.60	-	2.20	16550	101	83
HTP-63-4T-4	1740	10.96	6.30	-	3.00	19700	104	84
HTP-71-2T-15	3540	-	19.20	11.13	11.00	31750	184	93
HTP-71-2T-20	3540	-	26.00	15.07	15.00	36850	198	95
HTP-71-2T-25	3540	-	31.50	18.26	18.50	39400	216	95
HTP-71-2T-30	3540	-	39.50	22.90	22.00	41950	225	95
HTP-71-2T-40	3540	-	51.60	29.91	30.00	49600	303	98
HTP-71-4T-2	1715	5.74	3.30	-	1.50	16550	110	83
HTP-71-4T-3	1740	8.00	4.60	-	2.20	19700	118	83
HTP-71-4T-4	1740	10.96	6.30	-	3.00	22250	121	84

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)	NPS dB(A)
		220V	380V	660V				
HTP-71-4T-5.5	1740	15.30	8.80	-	4.00	26050	127	87
HTP-71-4T-7.5	1740	-	11.20	6.49	5.50	30100	141	90
HTP-80-4T-4	1740	10.96	6.30	-	3.00	16250	146	86
HTP-80-4T-5.5	1740	15.30	8.80	-	4.00	19750	152	86
HTP-80-4T-7.5	1740	-	11.20	6.49	5.50	23150	166	86
HTP-80-4T-10	1740	-	15.30	8.87	7.50	29600	177	87
HTP-80-4T-15	1740	-	20.90	12.12	11.00	35550	217	91
HTP-90-4T-7.5	1740	-	11.20	6.49	5.50	25400	196	90
HTP-90-4T-10	1740	-	15.30	8.87	7.50	29700	207	90
HTP-90-4T-15	1740	-	20.90	12.12	11.00	35900	247	90
HTP-90-4T-20	1740	-	28.50	16.52	15.00	45050	266	94
HTP-90-4T-25	1775	-	34.50	20.00	18.50	47850	294	95
HTP-90-4T-30	1775	-	40.90	23.71	22.00	53850	311	97
HTP-100-4T-15	1740	-	20.90	12.12	11.00	40950	282	93
HTP-100-4T-20	1740	-	28.50	16.52	15.00	50750	301	93
HTP-100-4T-25	1775	-	34.50	20.00	18.50	55300	329	93
HTP-100-4T-30	1775	-	40.90	23.71	22.00	59350	346	96
HTP-100-4T-40	1775	-	55.30	32.06	30.00	71900	401	98
HTP-125-4T-40	1775	-	55.30	32.06	30.00	69400	503	100
HTP-125-4T-50	1775	-	68.00	39.42	37.00	79650	525	100
HTP-125-4T-60	1775	-	81.30	47.13	45.00	89750	558	100
HTP-125-4T-75	1775	-	98.90	57.33	55.00	97200	599	100
HTP-125-4T-100	1775	-	135.00	78.26	75.00	126050	674	104
HTP-125-4T-125	1775	-	163.00	94.49	90.00	144450	703	105

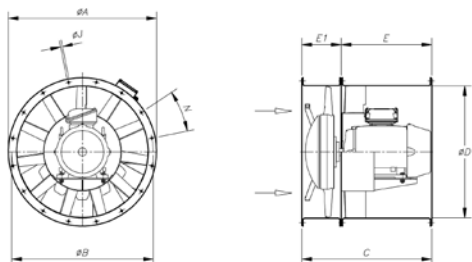
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	LpdB(A)	63	125	250	500	1000	2000	4000	8000	Model	LpdB(A)	63	125	250	500	1000	2000	4000	8000
HTP-50-2T-4	80	57	77	85	90	92	89	82	71	HTP-80-4T-4	86	58	75	86	95	96	96	93	86
HTP-50-2T-5.5	81	58	78	86	91	93	90	83	72	HTP-80-4T-5.5	86	58	76	86	95	96	96	93	86
HTP-56-2T-5.5	86	63	83	91	96	98	95	88	77	HTP-80-4T-7.5	86	58	76	86	95	96	96	93	86
HTP-56-2T-10	87	64	84	92	97	99	96	89	78	HTP-80-4T-10	87	59	77	87	97	98	98	94	88
HTP-63-2T-10	94	70	82	92	104	105	104	99	91	HTP-80-4T-15	91	63	81	91	101	102	102	99	92
HTP-63-2T-15	94	70	82	92	104	105	104	99	91	HTP-90-4T-7.5	90	62	79	90	99	100	100	97	90
HTP-63-2T-20	97	73	85	95	107	108	107	102	94	HTP-90-4T-10	90	62	80	90	99	100	100	97	90
HTP-63-2T-25	98	74	86	96	108	109	108	103	95	HTP-90-4T-15	90	62	80	90	100	101	101	98	91
HTP-63-2T-30	99	75	87	97	109	110	109	104	96	HTP-90-4T-20	94	66	83	94	103	104	104	101	94
HTP-63-4T-1.5	79	55	67	77	89	90	89	84	76	HTP-90-4T-25	95	67	85	95	104	105	105	102	95
HTP-63-4T-2	79	55	67	77	89	90	89	84	76	HTP-90-4T-30	97	69	87	97	107	108	108	104	98
HTP-63-4T-3	83	59	71	81	93	94	93	88	80	HTP-100-4T-15	93	65	83	93	102	103	103	100	93
HTP-63-4T-4	84	60	72	82	94	95	94	89	81	HTP-100-4T-20	93	65	82	93	102	103	103	100	93
HTP-71-2T-15	93	65	83	93	102	104	103	100	93	HTP-100-4T-25	93	65	83	93	102	103	103	100	93
HTP-71-2T-20	95	67	85	95	104	106	105	102	95	HTP-100-4T-30	96	67	85	96	105	106	106	103	96
HTP-71-2T-25	95	67	85	95	104	106	105	102	95	HTP-100-4T-40	98	70	88	98	107	108	108	105	98
HTP-71-2T-30	95	67	85	95	104	106	105	102	95	HTP-125-4T-40	100	72	89	100	109	110	110	107	100
HTP-71-2T-40	98	70	88	98	107	109	108	105	98	HTP-125-4T-50	100	72	90	100	109	110	110	107	100
HTP-71-4T-2	83	55	73	83	92	93	93	90	83	HTP-125-4T-60	100	72	89	100	109	110	110	107	100
HTP-71-4T-3	83	55	72	83	92	93	93	90	83	HTP-125-4T-75	100	72	90	100	110	111	111	108	101
HTP-71-4T-4	84	56	74	84	94	95	95	91	85	HTP-125-4T-100	104	76	93	104	113	114	114	111	104
HTP-71-4T-5.5	87	59	77	87	97	98	98	95	88	HTP-125-4T-125	105	77	95	105	114	115	115	112	105
HTP-71-4T-7.5	90	62	80	90	100	101	101	97	91										

Dimensions in mm



Model	Power	ØA	ØB	ØD	E	E1	C	ØJ	N
HTP-50-2T		600	560	514	-	-	500	12	12x30°
HTP-56-2T		660	620	560	-	-	500	12	12x30°
HTP-63-2T		730	690	640	650	220	870	12	12x30°
HTP-63-4T		730	690	640	340	220	560	12	12x30°
HTP-71-2T		810	770	710	700	240	940	12	16x22°30'
HTP-71-4T		810	770	710	420	240	660	12	16x22°30'
HTP-80-4T	4 / 5'5	900	860	800	360	240	600	12	16x22°30'
HTP-80-4T	7'5 / 10 / 15	900	860	800	550	240	790	12	16x22°30'
HTP-90-4T	7'5 / 10	1015	970	900	420	250	670	15	16x22°30'
HTP-90-4T	15 / 20 / 25 / 30	1015	970	900	650	250	900	15	16x22°30'
HTP-100-4T	15 / 20	1115	1070	1000	550	270	820	15	16x22°30'
HTP-100-4T	25 / 30 / 40	1115	1070	1000	700	270	970	15	16x22°30'
HTP	-125	1360	1311	1258	-	-	810	14	20x18°

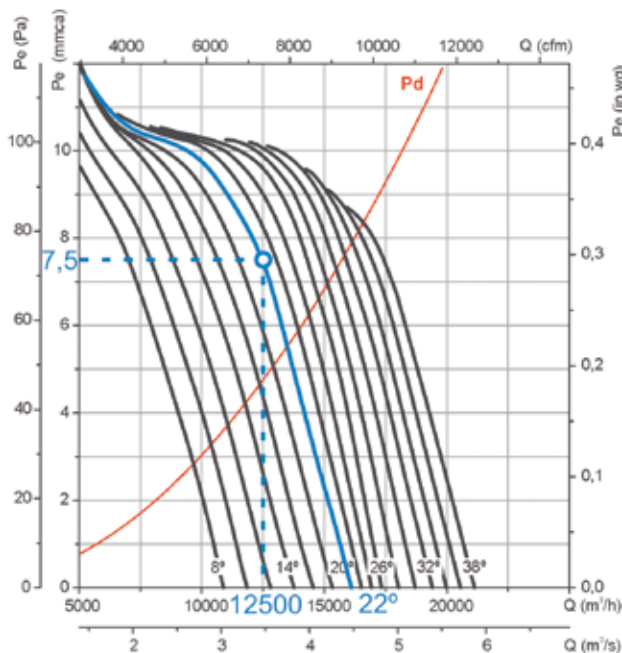
EXAMPLE OF SELECTION

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

HTP-63-4T



Initial data

- Working point:
- Airflow: 12,500 m³/h
- Loss of load: 7.5 mm w.c.

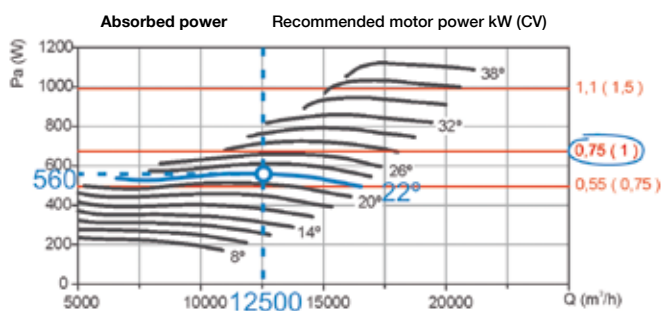
Steps for the selection of equipment

On the pressure graph:

- 1. Mark the working point, defined by the airflow (12,500 m³/h) and the loss of load (7.5 mm w.c.).
- 2. Select the curve of the equipment which is closest above the working point. In our case, a curve with a blade angle of 22° is obtained.

On the power graph:

- 3. Mark the working point, defined by the airflow (12,500 m³/h) and the selected blade angle (22°).
- 4. Read the absorbed power on the power axis on the left. Pa= 560 W at the working point.
- 5. Look for the straight red line which is closest to the working point above. On the right-hand side of the graph, the value of the installed motor power is obtained. In our case, this is 0.75 kW or 1 CV.



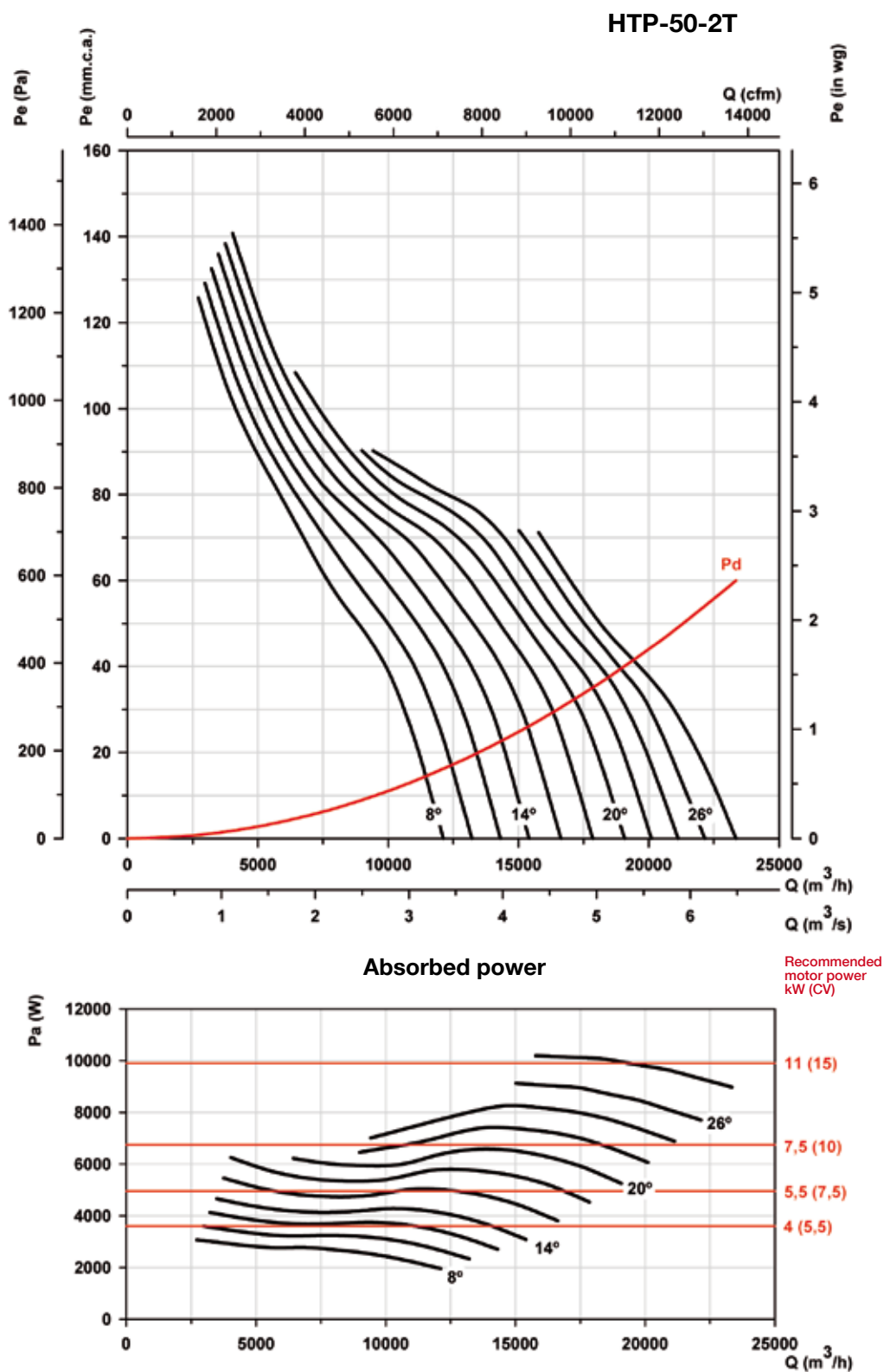
EXAMPLE OF ORDER CODE

HTP	—	63	—	4T	—	1	—	22°
↓		↓		↓		↓		↓
Cased high-pressure axial fans		Impeller diameter in cm.		Number of motor poles 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz		Motor power (C.V.)		Angle of inclination of the blades

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

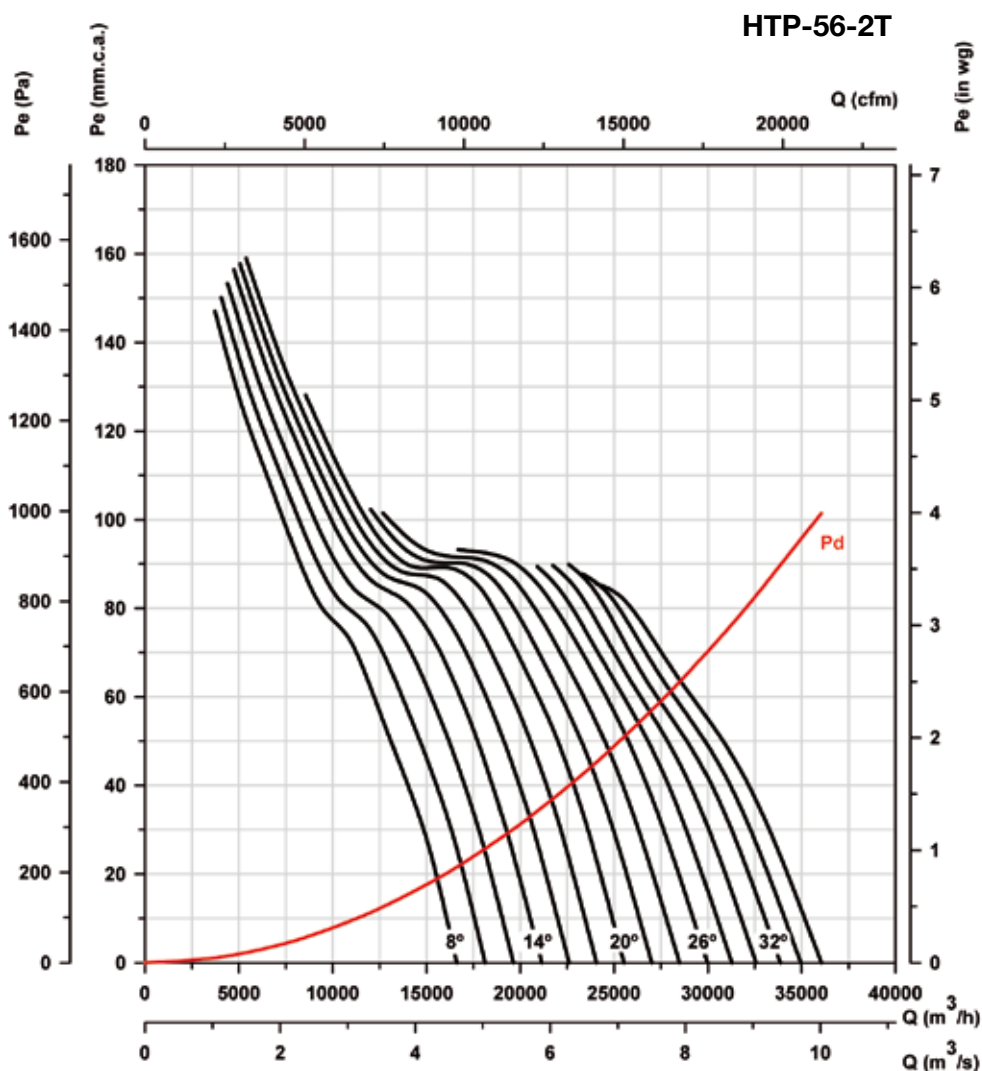
Pe = Static pressure in mm.w.c., Pa and inwg.



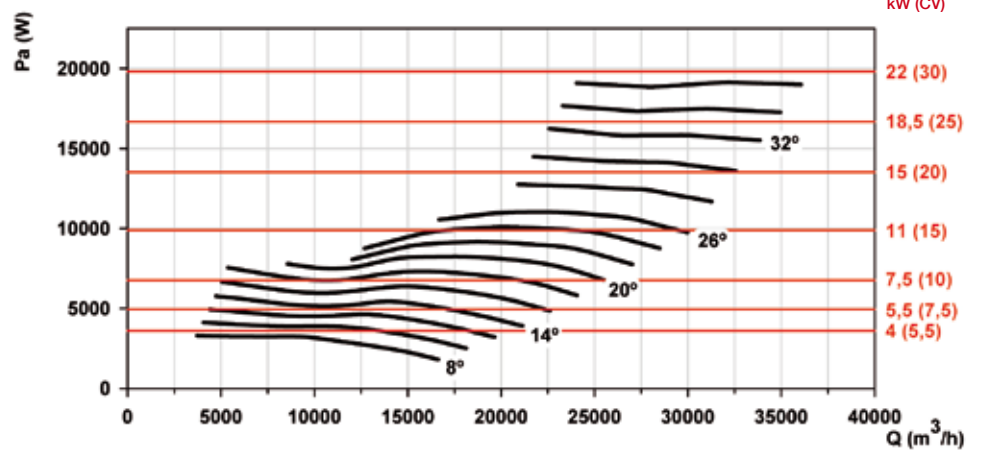
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



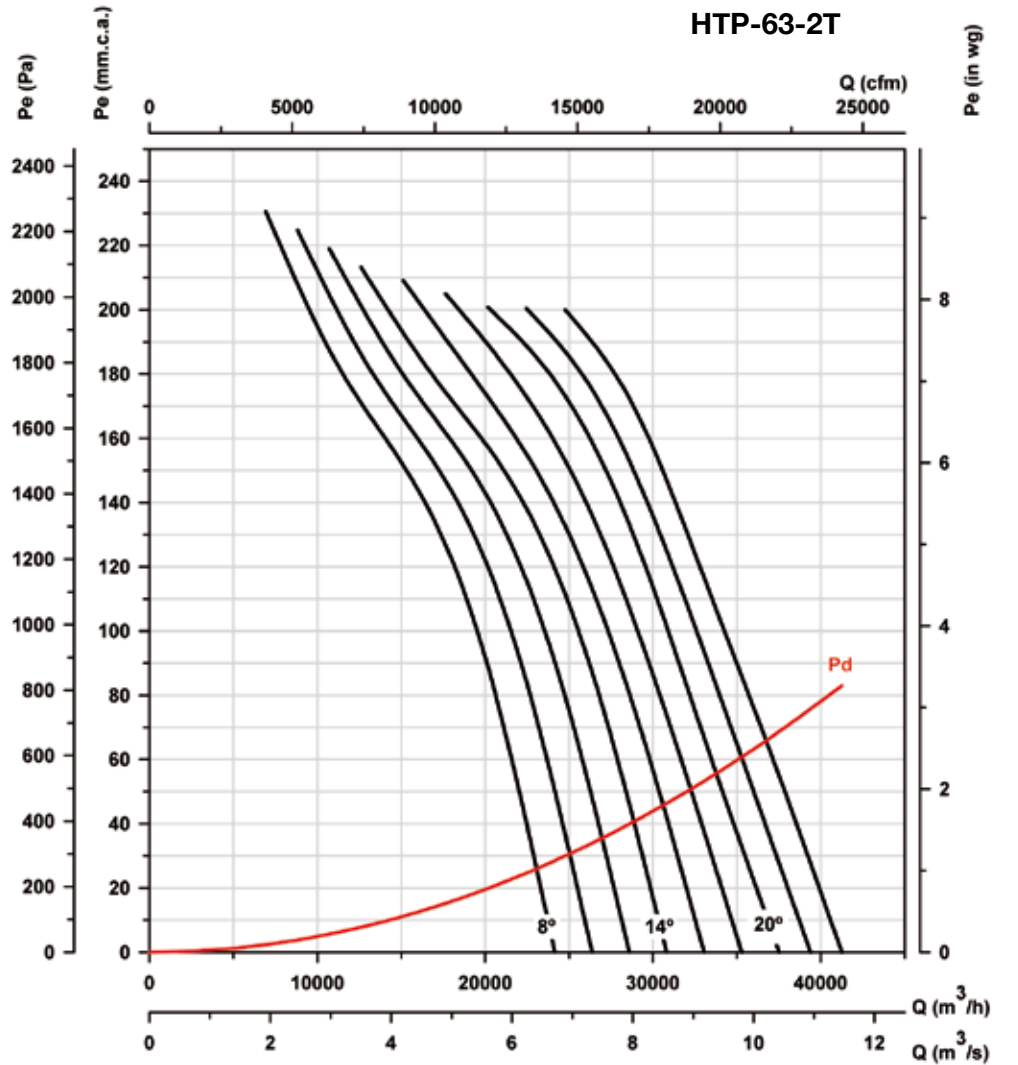
Absorbed power



Characteristic curves

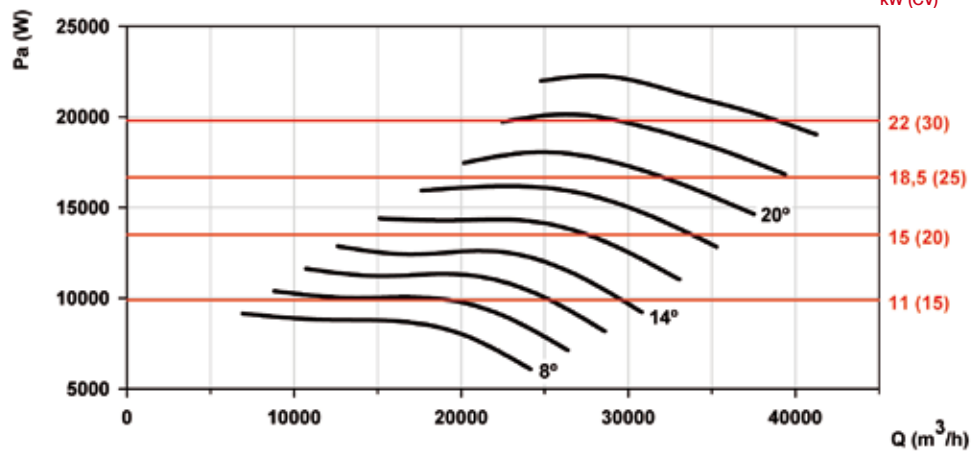
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Absorbed power

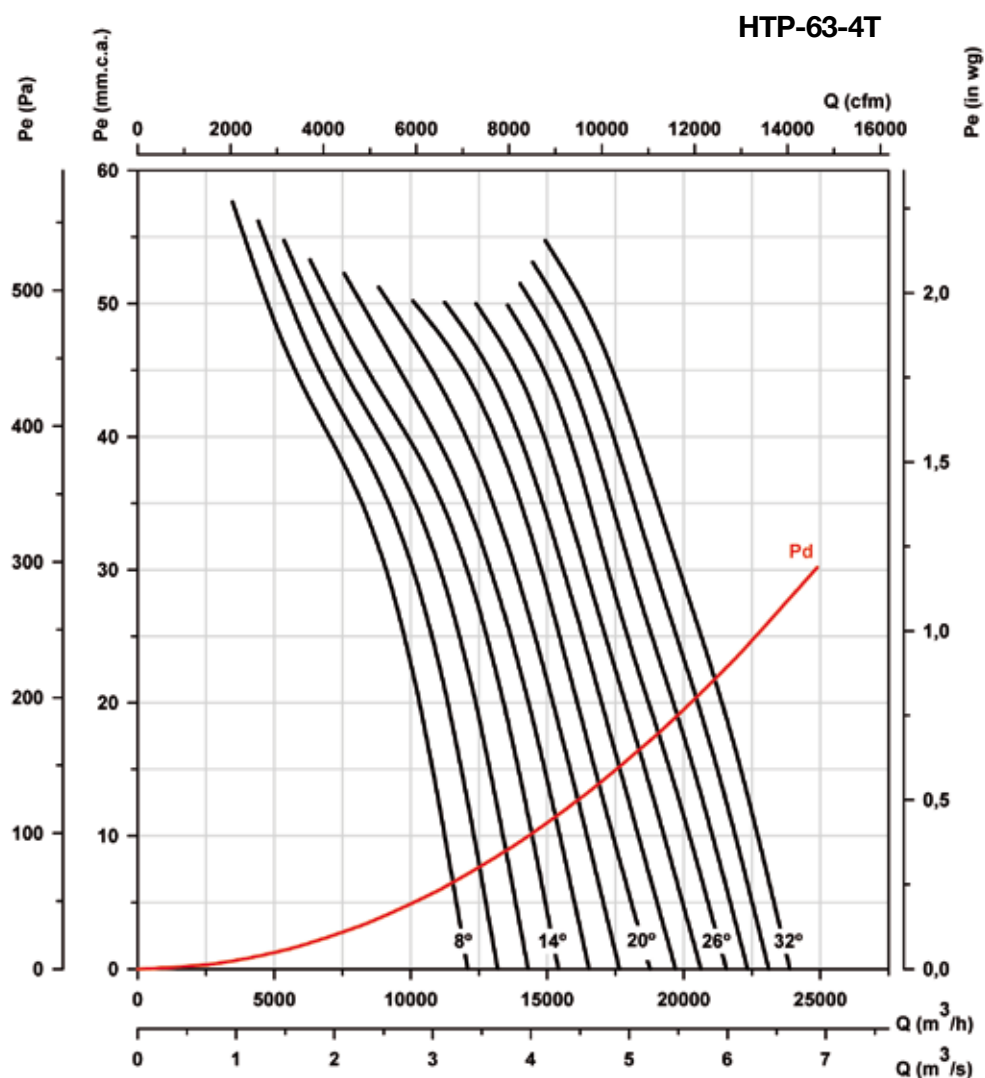
Recommended motor power kW (CV)



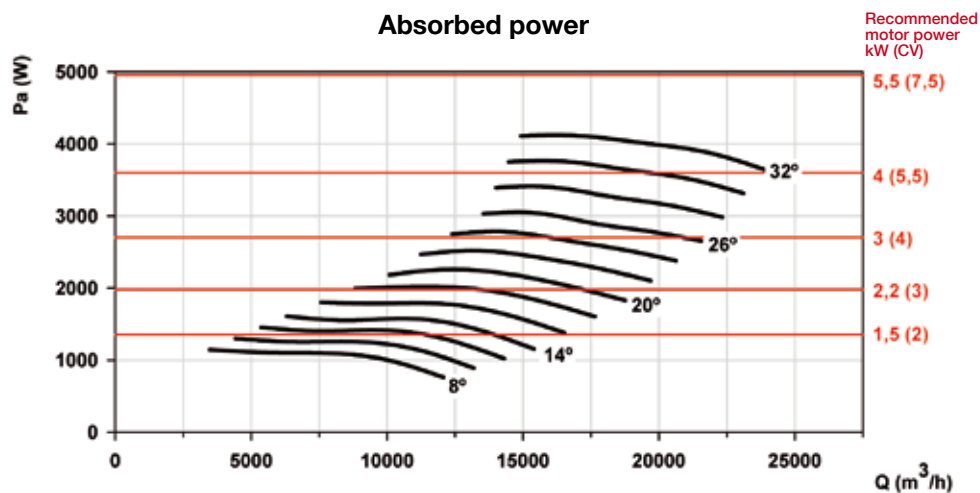
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



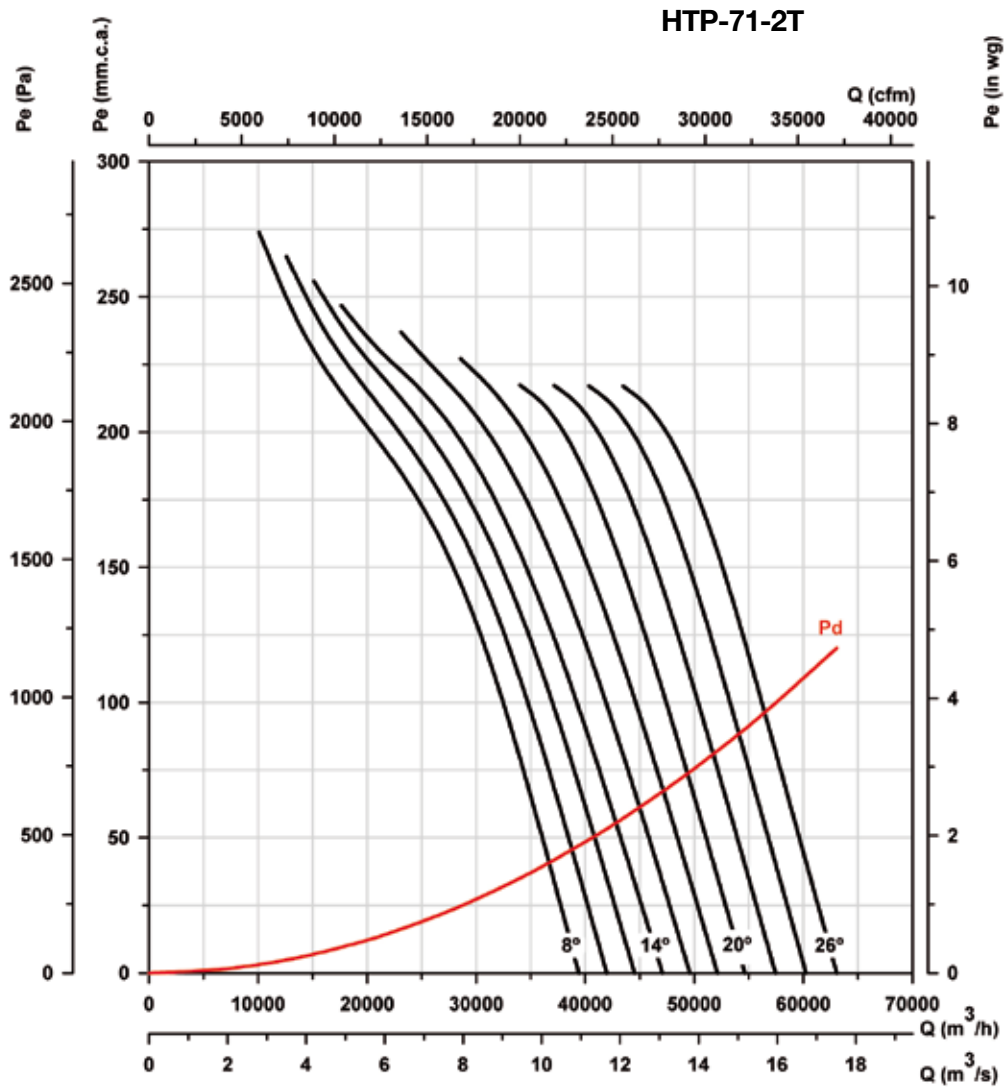
Absorbed power



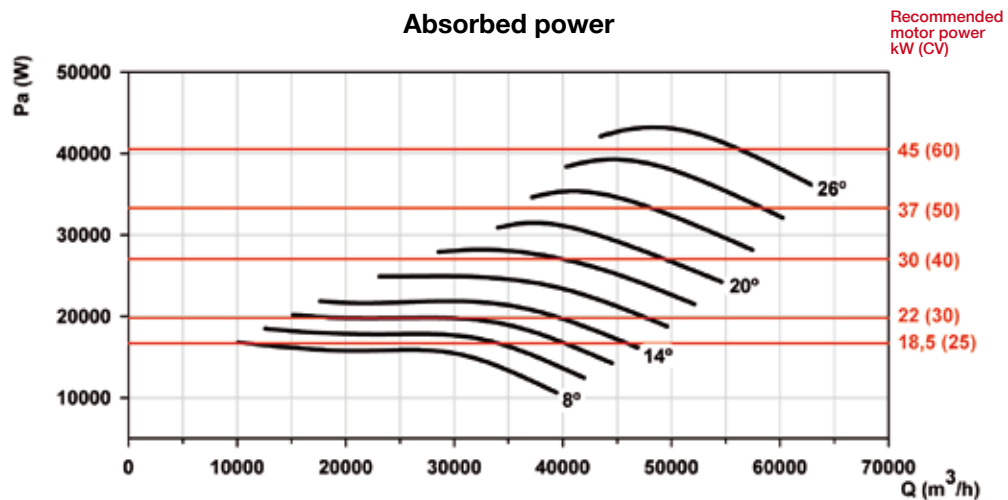
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



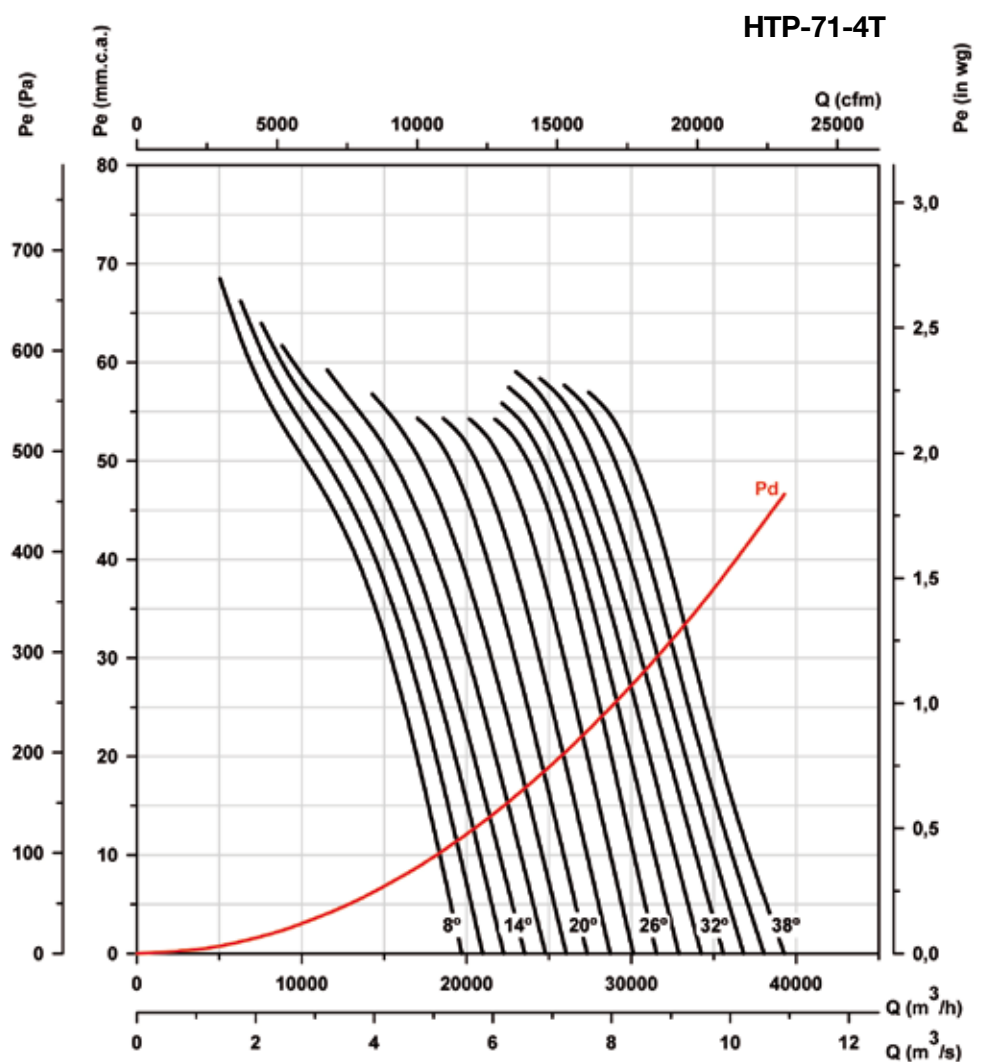
Absorbed power



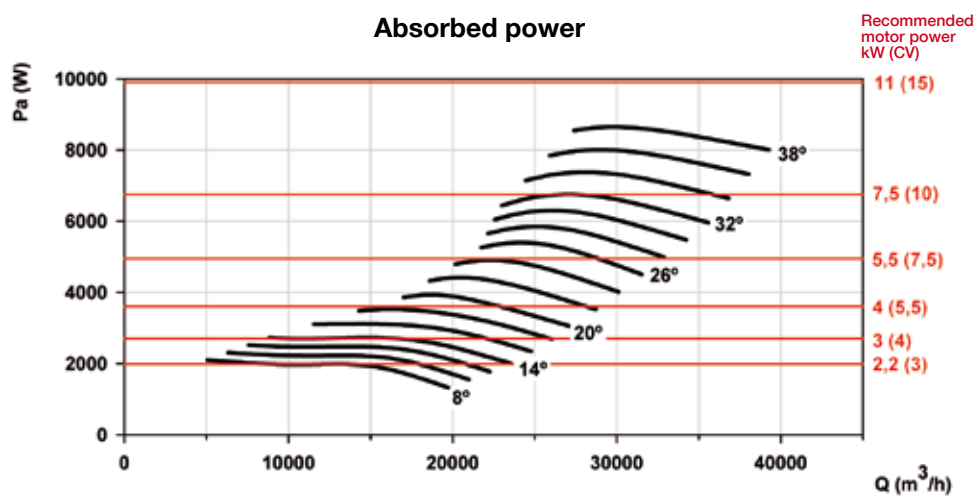
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



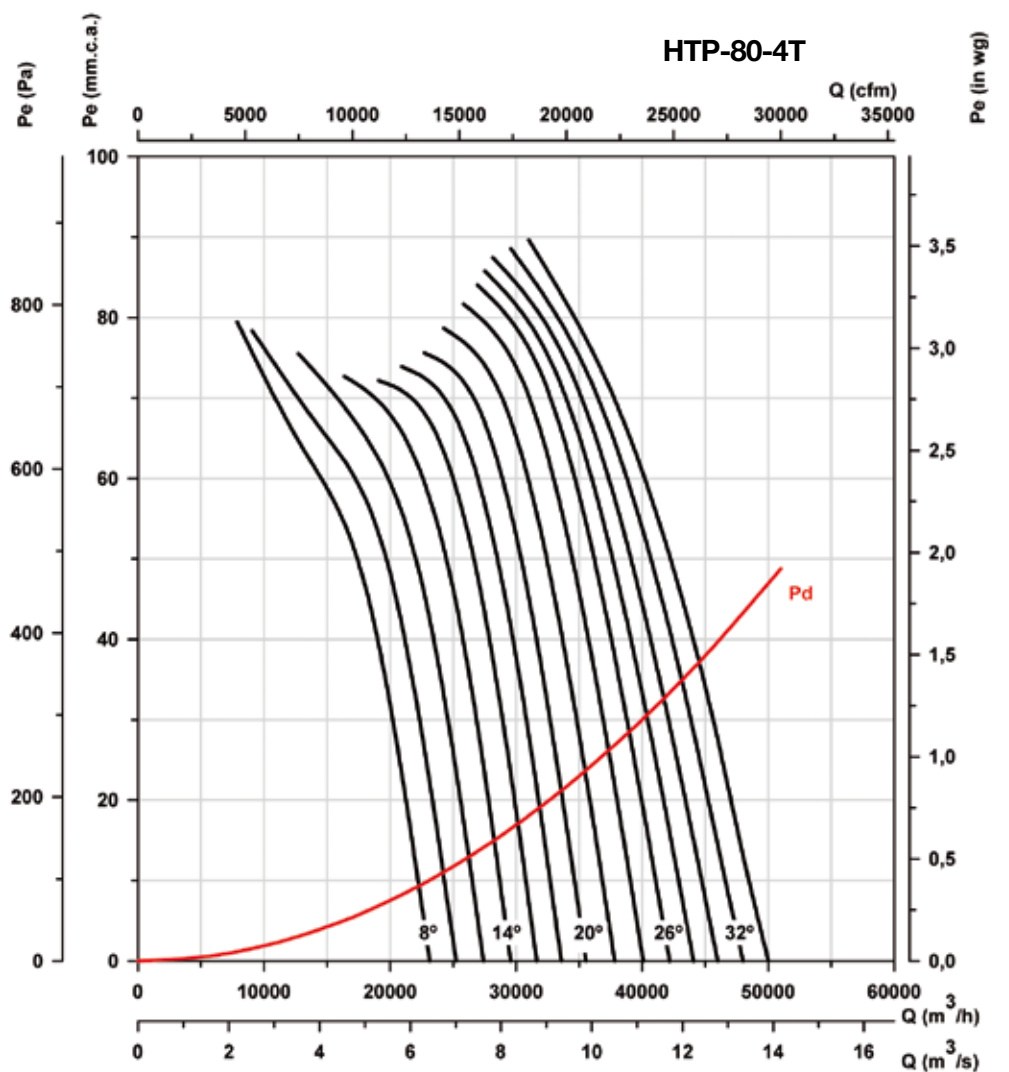
Absorbed power



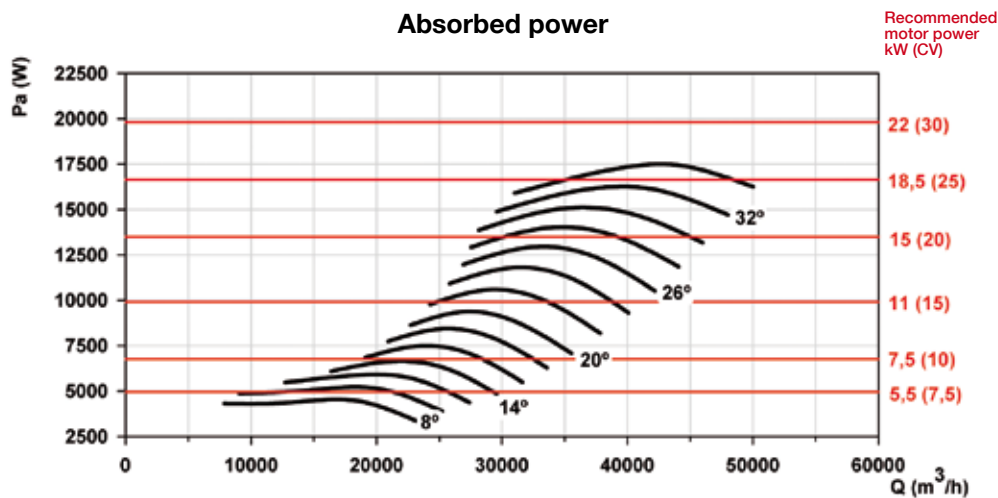
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



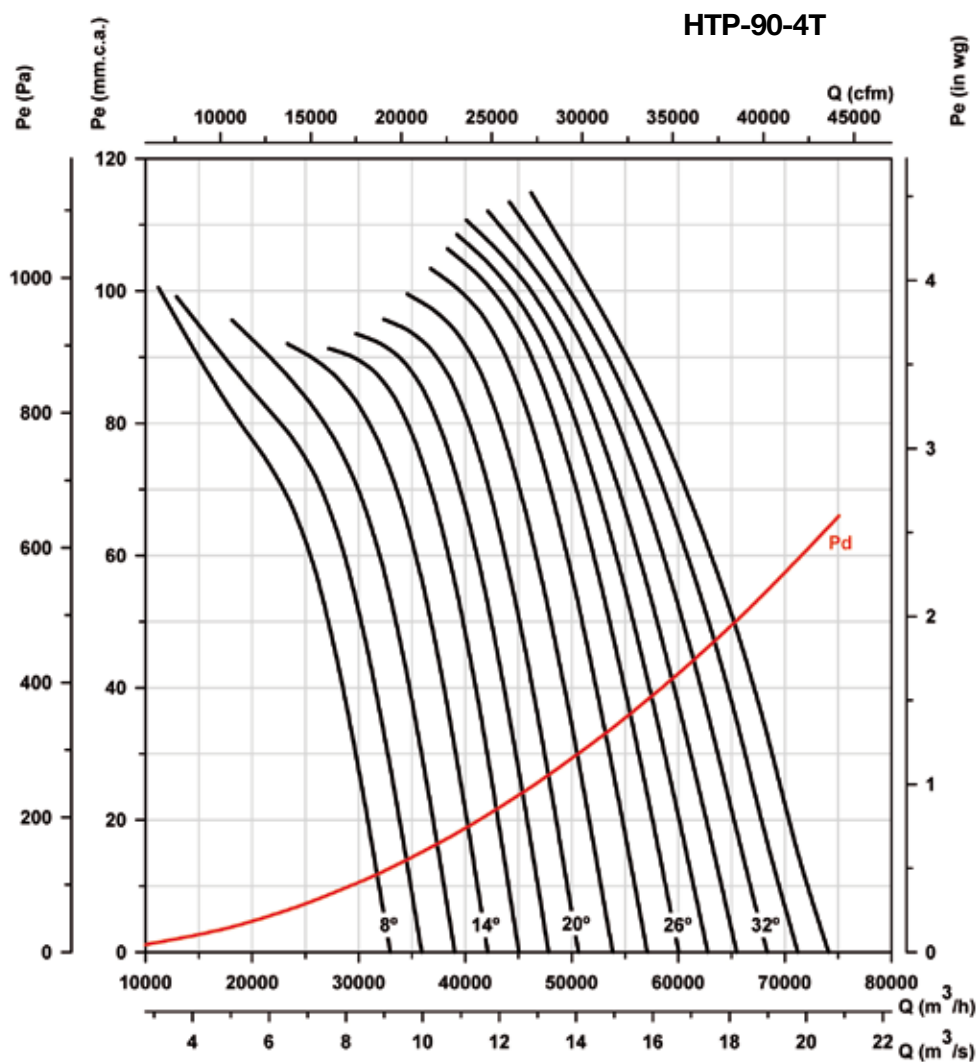
Absorbed power



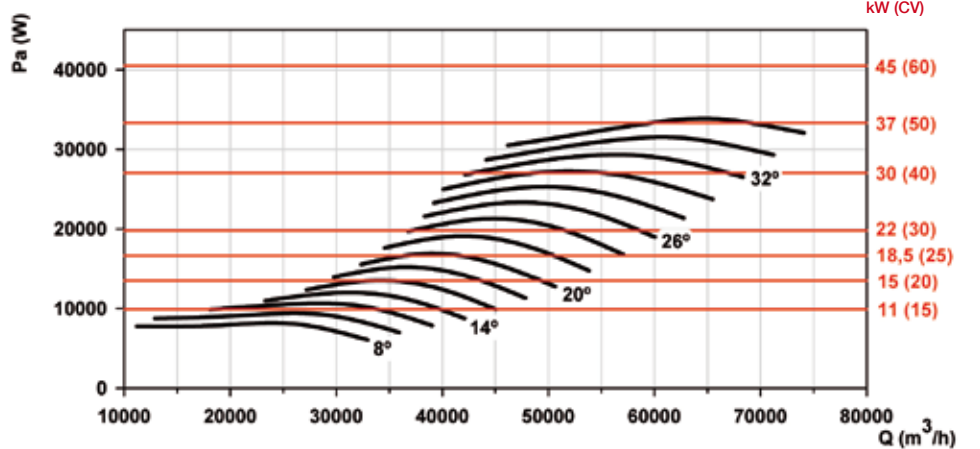
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



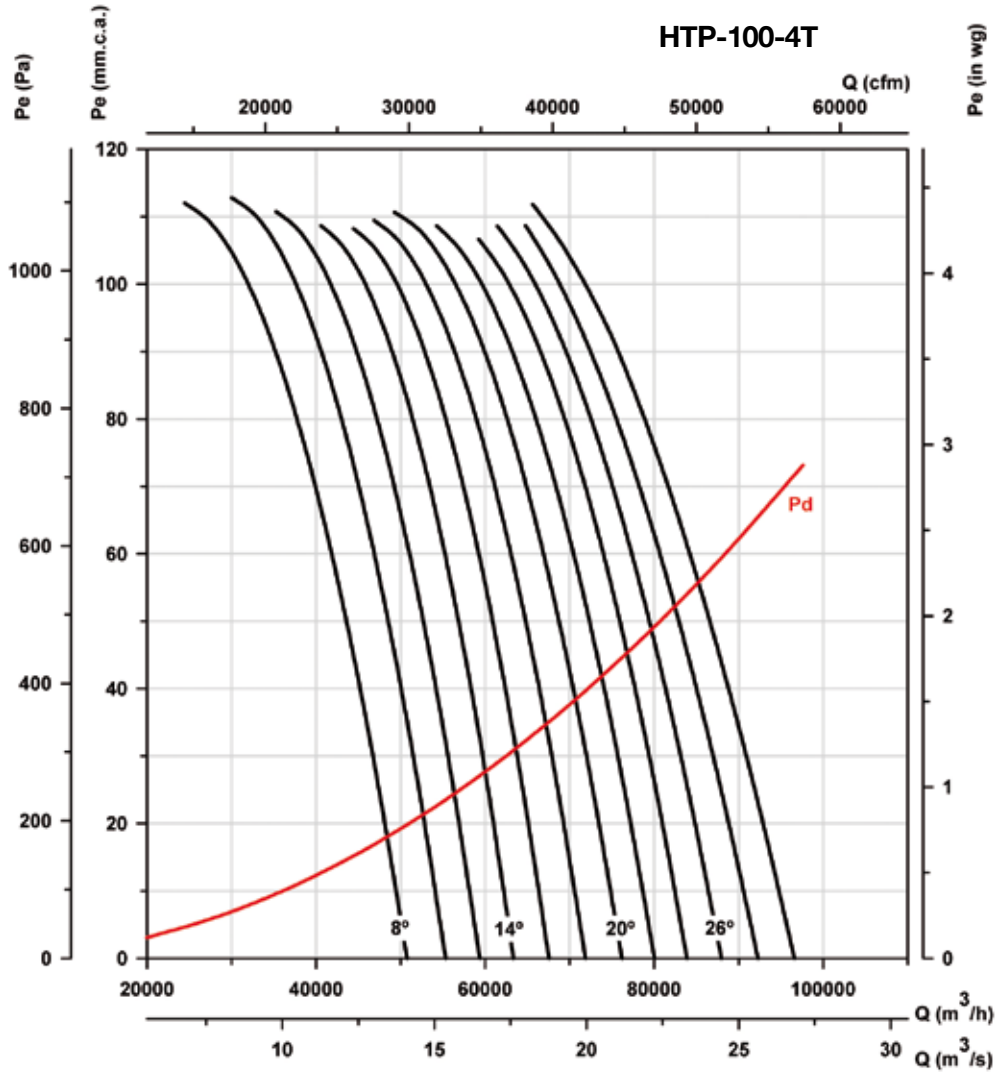
Absorbed power



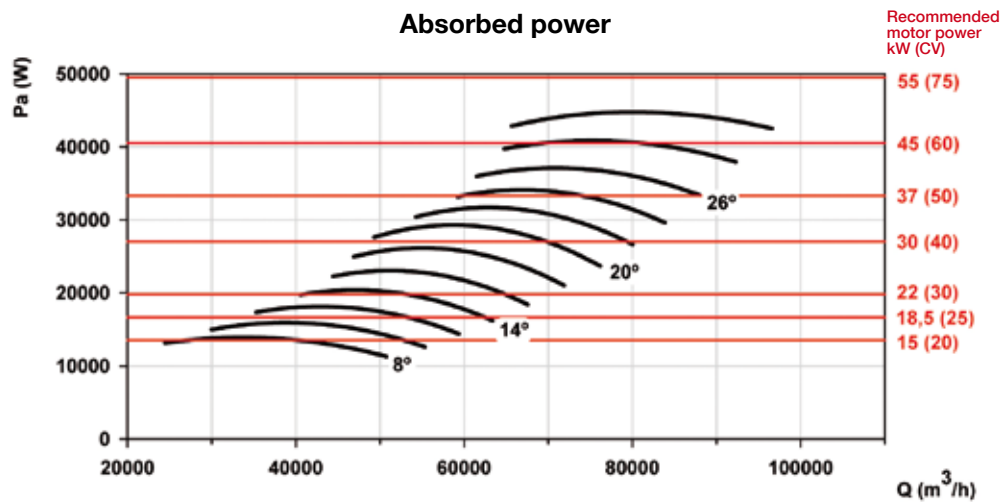
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



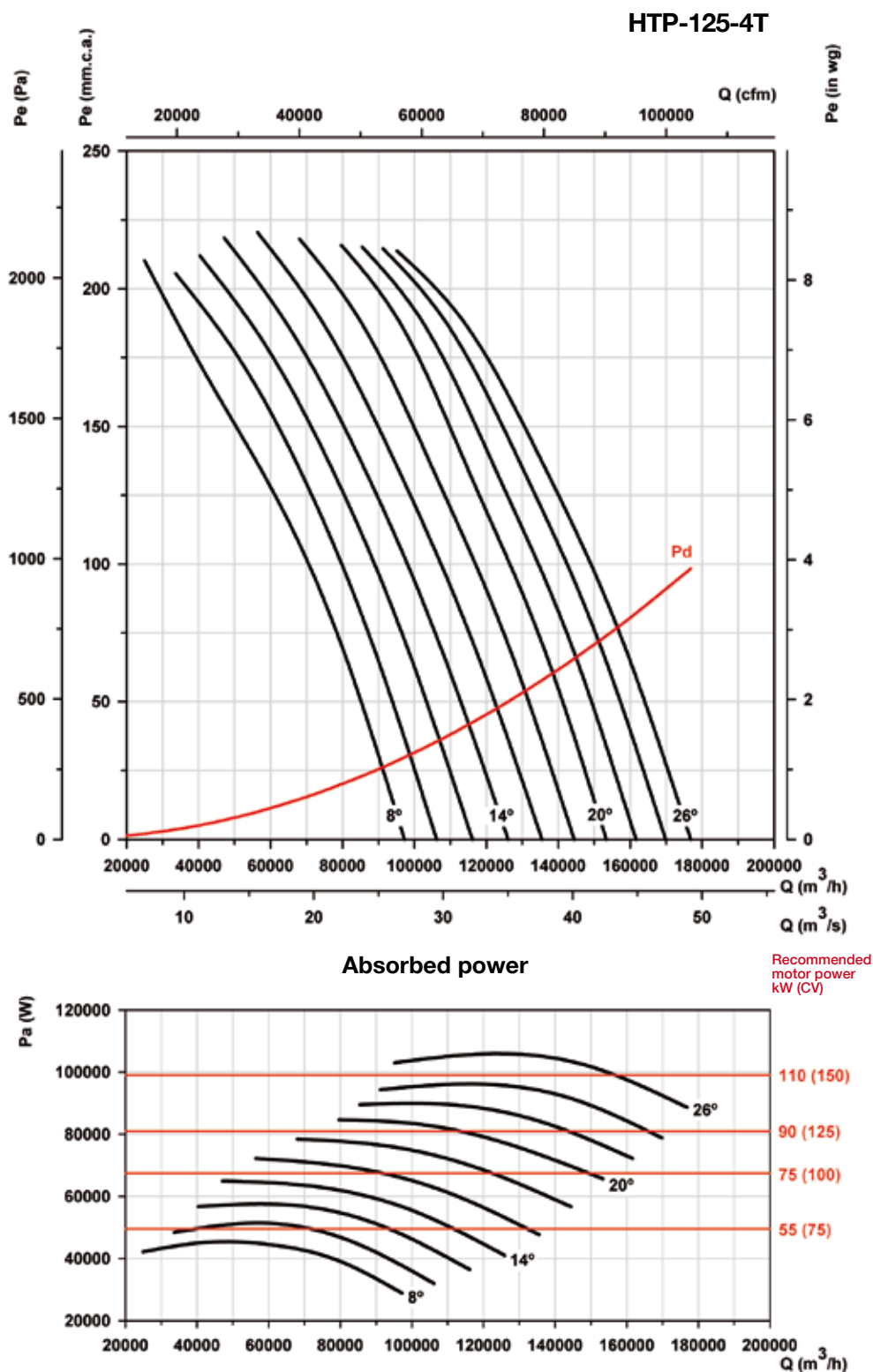
Absorbed power



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



INT

AR

RFT/RFM

PANELS

PL

P

RT

BTUB

BAC

PS

S

SI

HGT HGTX

HGT: Large long cased axial fans with direct drive motor

HGTX: Large long cased axial fans with external motor

Long cased axial fans, supplied with 3, 6 or 9 blade aluminium impellers with different slope angles.

Fan:

- Airflow direction from motor to impeller
- Variable angle impellers in cast aluminium (HGTX: of 3, 6 or 9 blades with different slope angles).
- Sheet steel long casing
- HGT: The long-casing version is equipped with an inspection hatch
- HGTX: Equipped with inspection hatch



HGT



HGTX

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz. (power over 5.5CV.)
- Working temperature: -25°C.+ 50°C (HGT), -25°C.+ 120°C (HGTX)

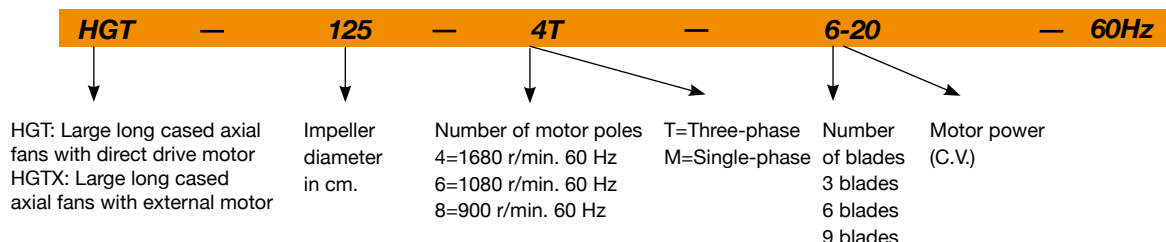
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers
- Special windings for different voltages.
- ATEX certification, Category 2

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed Power (kW)	Maximum airflow (m³/h)	Sound pressure level (dB(A))	Approx. weight (Kg)		
		220V	380V	660V				HGT	HGTX	
HGT-125-4T/3-10 HGTX-125-4T/3-10	1740		14.80	8.54	7.50	54400	88	Long	Short	342
HGT-125-4T/3-15 HGTX-125-4T/3-15	1750		21.50	12.40	11.00	62050	89	249	221	369
HGT-125-4T/3-20 HGTX-125-4T/3-20	1745		28.50	16.50	15.00	69800	91	268	240	388
HGT-125-4T/3-25 HGTX-125-4T/3-25	1765		35.00	20.20	18.50	85200	91	331	288	418
HGT-125-4T/3-30 HGTX-125-4T/3-30	1765		41.00	23.70	22.00	92950	92	348	305	435
HGT-125-4T/3-40 HGTX-125-4T/3-40	1770		56.00	32.30	30.00	118000	93	440	397	529
HGT-125-4T/3-50 HGTX-125-4T/3-50	1775		68.00	39.30	37.00	125300	94	474	418	545
HGT-125-4T/3-60 HGTX-125-4T/3-60	1775		84.00	48.50	45.00	139900	95	489	433	560
HGT-125-4T/6-20 HGTX-125-4T/6-20	1745		28.50	16.50	15.00	77450	89	277	249	397
HGT-125-4T/6-25 HGTX-125-4T/6-25	1765		35.00	20.20	18.50	81550	90	340	297	427
HGT-125-4T/6-30 HGTX-125-4T/6-30	1765		41.00	23.70	22.00	85750	90	357	314	444
HGT-125-4T/6-40 HGTX-125-4T/6-40	1770		56.00	32.30	30.00	102200	92	449	405	538
HGT-125-4T/6-50 HGTX-125-4T/6-50	1775		68.00	39.30	37.00	117700	93	483	427	554
HGT-125-4T/6-60 HGTX-125-4T/6-60	1775		84.00	48.50	45.00	125000	94	498	442	569
HGT-125-4T/6-75 HGTX-125-4T/6-75	1775		98.00	56.60	55.00	140350	95	549	499	635
HGT-125-4T/6-100 HGTX-125-4T/6-100	1775		132.00	76.20	75.00	156500	96	598	548	684
HGT-125-4T/9-25 HGTX-125-4T/9-25	1765		35.00	20.20	18.50	75150	88	349	306	436
HGT-125-4T/9-30 HGTX-125-4T/9-30	1765		41.00	23.70	22.00	80250	89	366	323	453

Technical characteristics

Model		Speed (r/min)	Maximum admissible current (A)			Installed Power (kW)	Maximum airflow (m³/h)	Sound pressure level (dB(A))	Approx. weight (Kg)		
			220V	380V	660V				HGT	HGTX	
HGT-125-4T/9-40	HGTX-125-4T/9-40	1770		56.00	32.30	30.00	85350	91	458	414	547
HGT-125-4T/9-50	HGTX-125-4T/9-50	1775		68.00	39.30	37.00	106050	93	492	436	563
HGT-125-4T/9-60	HGTX-125-4T/9-60	1775		84.00	48.50	45.00	116400	94	507	451	578
HGT-125-4T/9-75	HGTX-125-4T/9-75	1775		98.00	56.60	55.00	124950	95	558	508	644
HGT-125-4T/9-100	HGTX-125-4T/9-100	1775		132.00	76.20	75.00	152050	99	607	557	693
HGT-125-6T/3-4	HGTX-125-6T/3-4	1120	12.10	7.00		3.00	40700	79	204	171	335
HGT-125-6T/3-5.5	HGTX-125-6T/3-5.5	1130	15.50	8.95		4.00	45750	80	209	176	340
HGT-125-6T/3-7.5	HGTX-125-6T/3-7.5	1145		11.90	6.87	5.50	55850	81	217	184	348
HGT-125-6T/3-10	HGTX-125-6T/3-10	1165		15.40	8.89	7.50	66350	83	262	234	382
HGT-125-6T/3-15	HGTX-125-6T/3-15	1165		23.00	13.30	11.00	86900	84	276	248	396
HGT-125-6T/3-20	HGTX-125-6T/3-20	1165		31.00	17.90	15.00	98350	85	358	315	445
HGT-125-6T/6-5.5	HGTX-125-6T/6-5.5	1130	15.50	8.95		4.00	48500	77	218	185	349
HGT-125-6T/6-7.5	HGTX-125-6T/6-7.5	1145		11.90	6.87	5.50	53650	77	226	193	357
HGT-125-6T/6-10	HGTX-125-6T/6-10	1165		15.40	8.89	7.50	61550	79	271	243	391
HGT-125-6T/6-15	HGTX-125-6T/6-15	1165		23.00	13.30	11.00	77100	81	285	257	405
HGT-125-6T/6-20	HGTX-125-6T/6-20	1165		31.00	17.90	15.00	91950	82	367	324	454
HGT-125-6T/6-25	HGTX-125-6T/6-25	1180		36.00	20.80	18.50	97250	84	409	365	498
HGT-125-6T/9-10	HGTX-125-6T/9-10	1165		15.40	8.89	7.50	55900	78	280	252	400
HGT-125-6T/9-15	HGTX-125-6T/9-15	1165		23.00	13.30	11.00	69500	81	294	266	414
HGT-125-6T/9-20	HGTX-125-6T/9-20	1165		31.00	17.90	15.00	81850	84	376	333	463
HGT-125-6T/9-25	HGTX-125-6T/9-25	1180		36.00	20.80	18.50	93050	85	418	374	507
HGT-125-6T/9-30	HGTX-125-6T/9-30	1175		43.00	24.80	22.00	99650	87	438	394	527
HGT-125-8T/3-3	HGTX-125-8T/3-3	865	10.20	5.90		2.20	42100	71	209	176	340
HGT-125-8T/3-4	HGTX-125-8T/3-4	865	13.50	7.80		3.00	50050	71	216	183	347
HGT-125-8T/3-5.5	HGTX-125-8T/3-5.5	860	17.30	10.00		4.00	58350	73	249	221	369
HGT-125-8T/3-7.5	HGTX-125-8T/3-7.5	850		13.40	7.74	5.50	69150	75	262	234	382
HGT-125-8T/6-3	HGTX-125-8T/6-3	865	10.20	5.90		2.20	40250	69	218	185	349
HGT-125-8T/6-4	HGTX-125-8T/6-4	865	13.50	7.80		3.00	46450	71	225	192	356
HGT-125-8T/6-5.5	HGTX-125-8T/6-5.5	860	17.30	10.00		4.00	54600	72	258	230	378
HGT-125-8T/6-7.5	HGTX-125-8T/6-7.5	850		13.40	7.74	5.50	61800	73	271	243	391
HGT-125-8T/6-10	HGTX-125-8T/6-10	860		18.10	10.45	7.50	73350	75	301	273	421
HGT-125-8T/9-4	HGTX-125-8T/9-4	865	13.50	7.80		3.00	39450	70	234	201	365
HGT-125-8T/9-5.5	HGTX-125-8T/9-5.5	860	17.30	10.00		4.00	47300	73	267	239	387
HGT-125-8T/9-7.5	HGTX-125-8T/9-7.5	850		13.40	7.74	5.50	57550	75	280	252	400
HGT-125-8T/9-10	HGTX-125-8T/9-10	860		18.10	10.45	7.50	65950	76	310	282	430
HGT-125-8T/9-15	HGTX-125-8T/9-15	865		23.50	13.60	11.00	84100	79	372	329	459
HGT-140-6T/3-4		1150	12.00	6.90		3.00	46500	82	251	214	
HGT-140-6T/3-5.5		1150	15.10	8.70		4.00	52350	83	258	221	
HGT-140-6T/3-7.5		1145		11.90	6.90	5.50	58400	84	266	229	
HGT-140-6T/3-10		1165		15.40	8.90	7.50	67950	85	320	281	
HGT-140-6T/3-15		1165		23.00	13.30	11.00	81450	86	334	295	
HGT-140-6T/3-20		1165		31.00	17.90	15.00	103450	88	414	364	
HGT-140-6T/6-5.5		1150	15.10	8.70		4.00	57200	82	268	231	
HGT-140-6T/6-7.5		1145		11.90	6.90	5.50	64300	84	276	239	
HGT-140-6T/6-10		1165		15.40	8.90	7.50	71500	85	330	291	
HGT-140-6T/6-15		1165		23.00	13.30	11.00	75150	86	344	305	
HGT-140-6T/6-20		1165		31.00	17.90	15.00	89600	87	423	374	
HGT-140-6T/6-25		1180		36.00	20.80	18.50	103200	88	466	417	
HGT-140-6T/6-30		1175		43.00	24.80	22.00	109600	89	486	437	
HGT-140-6T/9-10		1165		15.40	8.90	7.50	65850	84	339	300	
HGT-140-6T/9-15		1165		23.00	13.30	11.00	70350	86	353	314	
HGT-140-6T/9-20		1165		31.00	17.90	15.00	74850	87	433	383	
HGT-140-6T/9-25		1180		36.00	20.80	18.50	92950	88	475	427	
HGT-140-6T/9-30		1175		43.00	24.80	22.00	102050	89	495	447	
HGT-140-6T/9-40		1180		56.00	32.30	30.00	117000	91	561	499	
HGT-140-6T/9-50		1180		69.00	39.80	37.00	133300	92	623	568	
HGT-140-8T/3-3		865	10.20	5.90		2.20	41100	78	258	221	
HGT-140-8T/3-4		865	13.50	7.80		3.00	46150	78	265	228	
HGT-140-8T/3-5.5		860	17.30	10.00		4.00	56350	79	307	268	
HGT-140-8T/3-7.5		850		13.40	7.70	5.50	67000	81	320	281	
HGT-140-8T/3-10		860		18.10	10.50	7.50	82850	82	350	311	
HGT-140-8T/6-3		865	10.20	5.90		2.20	45650	78	268	231	
HGT-140-8T/6-4		865	13.50	7.80		3.00	51250	79	275	238	

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed Power (kW)	Maximum airflow (m³/h)	Sound pressure level (dB(A))	Approx. weight (Kg)	
		220V	380V	660V				HGT	HGTX
HGT-140-8T/6-5.5	860	17.30	10.00		4.00	56700	80	Long	Short
HGT-140-8T/6-7.5	850		13.40	7.70	5.50	62150	81	330	291
HGT-140-8T/6-10	860		18.10	10.50	7.50	73050	82	360	321
HGT-140-8T/6-15	865		23.50	13.60	11.00	87500	83	419	370
HGT-140-8T/9-4	865	13.50	7.80		3.00	42900	79	284	247
HGT-140-8T/9-5.5	860	17.30	10.00		4.00	49600	79	326	287
HGT-140-8T/9-7.5	850		13.40	7.70	5.50	56450	81	339	300
HGT-140-8T/9-10	860		18.10	10.50	7.50	63300	82	369	330
HGT-140-8T/9-15	865		23.50	13.60	11.00	82600	83	429	379
HGT-140-8T/9-20	890		29.00	16.70	15.00	93900	86	485	437
HGT-160-6T/3-5.5	1150	15.10	8.70		4.00	61100	81	327	275
HGT-160-6T/3-7.5	1145		11.90	6.90	5.50	71150	82	335	283
HGT-160-6T/3-10	1165		15.40	8.90	7.50	76200	83	393	339
HGT-160-6T/3-15	1165		23.00	13.30	11.00	81250	85	407	353
HGT-160-6T/3-20	1165		31.00	17.90	15.00	101450	86	500	431
HGT-160-6T/3-25	1180		36.00	20.80	18.50	111500	87	543	473
HGT-160-6T/3-30	1175		43.00	24.80	22.00	121600	89	563	493
HGT-160-6T/6-10	1165		15.40	8.90	7.50	71500	83	404	350
HGT-160-6T/6-15	1165		23.00	13.30	11.00	89400	85	418	364
HGT-160-6T/6-20	1165		31.00	17.90	15.00	100950	86	510	441
HGT-160-6T/6-25	1180		36.00	20.80	18.50	106600	87	553	484
HGT-160-6T/6-30	1175		43.00	24.80	22.00	112200	88	573	504
HGT-160-6T/6-40	1180		56.00	32.30	30.00	133700	89	656	557
HGT-160-6T/6-50	1180		69.00	39.80	37.00	154050	91	714	629
HGT-160-6T/9-15	1165		23.00	13.30	11.00	84600	85	428	374
HGT-160-6T/9-20	1165		31.00	17.90	15.00	91550	86	520	451
HGT-160-6T/9-25	1180		36.00	20.80	18.50	98300	87	563	494
HGT-160-6T/9-30	1175		43.00	24.80	22.00	105050	88	583	514
HGT-160-6T/9-40	1180		56.00	32.30	30.00	111700	89	666	567
HGT-160-6T/9-50	1180		69.00	39.80	37.00	138750	90	724	640
HGT-160-6T/9-60	1180		92.00	53.10	45.00	152300	91	844	745
HGT-160-6T/9-75	1190		102.00	58.90	55.00	163500	92	932	833
HGT-160-6T/9-100	1190		139.00	80.30	75.00	199000	93	1002	903
HGT-160-8T/3-3	865	10.20	5.90		2.20	50800	76	327	275
HGT-160-8T/3-4	865	13.50	7.80		3.00	54350	77	334	282
HGT-160-8T/3-5.5	860	17.30	10.00		4.00	65200	79	380	326
HGT-160-8T/3-7.5	850		13.40	7.70	5.50	68900	80	393	339
HGT-160-8T/3-10	860		18.10	10.50	7.50	84150	81	423	369
HGT-160-8T/3-15	865		23.50	13.60	11.00	100000	83	496	427
HGT-160-8T/6-4	865	13.50	7.80		3.00	63750	76	344	292
HGT-160-8T/6-5.5	860	17.30	10.00		4.00	72350	77	391	337
HGT-160-8T/6-7.5	850		13.40	7.70	5.50	76500	79	404	350
HGT-160-8T/6-10	860		18.10	10.50	7.50	84650	80	434	380
HGT-160-8T/6-15	865		23.50	13.60	11.00	92750	82	506	437
HGT-160-8T/6-20	890		29.00	16.70	15.00	109000	83	563	494
HGT-160-8T/6-25	875		37.00	21.40	18.50	123400	84	641	542
HGT-160-8T/9-7.5	850		13.40	7.70	5.50	63150	79	414	360
HGT-160-8T/9-10	860		18.10	10.50	7.50	79200	80	444	390
HGT-160-8T/9-15	865		23.50	13.60	11.00	84250	82	516	447
HGT-160-8T/9-20	890		29.00	16.70	15.00	94500	83	573	504
HGT-160-8T/9-25	875		37.00	21.40	18.50	114900	84	651	552
HGT-160-8T/9-30	875		45.00	26.00	22.00	123350	85	666	567
HGT-160-8T/9-40	880		59.00	34.10	30.00	140200	86	724	640

Acoustic features

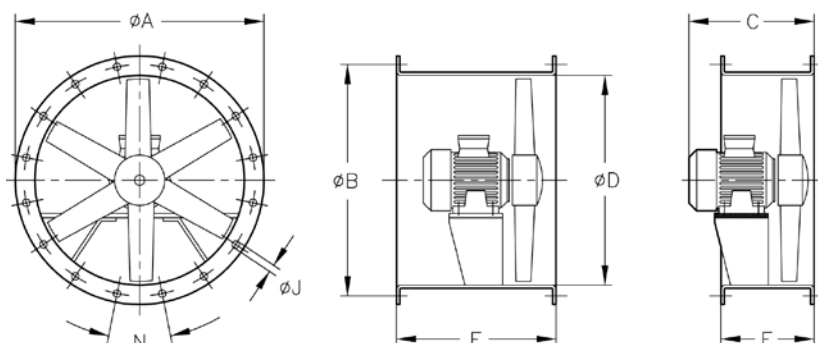
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
125-4T/3-10	70	76	88	98	98	94	86	82	140-6T/9-10	66	84	93	92	91	87	78	73
125-4T/3-15	71	77	89	99	99	95	87	83	140-6T/9-15	67	85	94	93	92	88	79	74
125-4T/3-20	72	78	90	100	100	96	88	84	140-6T/9-20	69	87	96	95	94	90	81	76
125-4T/3-25	73	79	91	101	101	97	89	85	140-6T/9-25	70	88	97	96	95	91	82	77
125-4T/3-30	74	80	92	102	102	98	90	86	140-6T/9-30	70	88	97	96	95	91	82	77
125-4T/3-40	75	81	93	103	103	99	91	87	140-6T/9-40	71	89	98	97	96	92	83	78
125-4T/3-50	76	82	94	104	104	100	92	88	140-6T/9-50	74	92	101	100	99	95	86	81
125-4T/3-60	77	83	95	105	105	101	93	89	140-8T/3-3	60	70	78	83	82	81	68	63
125-4T/6-20	66	74	90	97	99	94	88	84	140-8T/3-4	64	74	82	87	86	85	72	67
125-4T/6-25	67	75	91	98	100	95	89	85	140-8T/3-5,5	65	75	83	88	87	86	73	68
125-4T/6-30	68	76	92	99	101	96	90	86	140-8T/3-7,5	66	76	84	89	88	87	74	69
125-4T/6-40	69	77	93	100	102	97	91	87	140-8T/3-10	68	78	86	91	90	89	76	71
125-4T/6-50	71	79	95	102	104	99	93	89	140-8T/6-3	61	73	82	86	84	78	68	65
125-4T/6-60	72	80	96	103	105	100	94	90	140-8T/6-4	63	75	84	88	86	80	70	67
125-4T/6-75	72	80	96	103	105	100	94	90	140-8T/6-5,5	64	76	85	89	87	81	71	68
125-4T/6-100	74	82	98	105	107	102	96	92	140-8T/6-7,5	65	77	86	90	88	82	72	69
125-4T/9-25	66	74	91	97	98	93	88	84	140-8T/6-10	66	78	87	91	89	83	73	70
125-4T/9-30	67	75	92	98	99	94	89	85	140-8T/6-15	68	80	89	93	91	85	75	72
125-4T/9-40	68	76	93	99	100	95	90	86	140-8T/9-4	61	72	83	88	86	82	72	67
125-4T/9-50	70	78	95	101	102	97	92	88	140-8T/9-5,5	62	73	84	89	87	83	73	68
125-4T/9-60	72	80	97	103	104	99	94	90	140-8T/9-7,5	63	74	85	90	88	84	74	69
125-4T/9-75	72	80	97	103	104	99	94	90	140-8T/9-10	64	75	86	91	89	85	75	70
125-4T/9-100	74	82	99	105	106	101	96	92	140-8T/9-15	65	76	87	92	90	86	76	71
125-6T/3-4	64	72	84	88	86	81	72	68	140-8T/9-20	67	78	89	94	92	88	78	73
125-6T/3-5,5	66	74	86	90	88	83	74	70	160-6T/3-5,5	67	77	85	90	89	88	75	70
125-6T/3-7,5	67	75	87	91	89	84	75	71	160-6T/3-7,5	68	78	86	91	90	89	76	71
125-6T/3-10	68	76	88	92	90	85	76	72	160-6T/3-10	69	79	87	92	91	90	77	72
125-6T/3-15	69	77	89	93	91	86	77	73	160-6T/3-15	70	80	88	93	92	91	78	73
125-6T/3-20	71	79	91	95	93	88	79	75	160-6T/3-20	72	82	90	95	94	93	80	75
125-6T/6-5,5	59	68	81	84	85	82	71	67	160-6T/3-25	73	83	91	96	95	94	81	76
125-6T/6-7,5	60	69	82	85	86	83	72	68	160-6T/3-30	74	84	92	97	96	95	82	77
125-6T/6-10	61	70	83	86	87	84	73	69	160-6T/6-10	67	82	91	93	90	84	76	72
125-6T/6-15	63	72	85	88	89	86	75	71	160-6T/6-15	68	83	92	94	91	85	77	73
125-6T/6-20	65	74	87	90	91	88	77	73	160-6T/6-20	70	85	94	96	93	87	79	75
125-6T/6-25	66	75	88	91	92	89	78	74	160-6T/6-25	71	86	95	97	94	88	80	76
125-6T/9-10	57	67	82	86	85	84	73	69	160-6T/6-30	71	86	95	97	94	88	80	76
125-6T/9-15	59	69	84	88	87	86	75	71	160-6T/6-40	72	87	96	98	95	89	81	77
125-6T/9-20	62	72	87	91	90	89	78	74	160-6T/6-50	74	89	98	100	97	91	83	79
125-6T/9-25	64	74	89	93	92	91	80	76	160-6T/9-15	67	85	94	93	92	88	79	74
125-6T/9-30	66	76	91	95	94	93	82	78	160-6T/9-20	68	86	95	94	93	89	80	75
125-8T/3-3	56	63	74	78	77	70	61	57	160-6T/9-25	69	87	96	95	94	90	81	76
125-8T/3-4	59	66	77	81	80	73	64	60	160-6T/9-30	70	88	97	96	95	91	82	77
125-8T/3-5,5	60	67	78	82	81	74	65	61	160-6T/9-40	71	89	98	97	96	92	83	78
125-8T/3-7,5	62	69	80	84	83	76	67	63	160-6T/9-50	72	90	99	98	97	93	84	79
125-8T/6-3	53	61	73	78	77	72	61	57	160-6T/9-60	72	90	99	98	97	93	84	79
125-8T/6-4	54	62	74	79	78	73	62	58	160-6T/9-75	73	91	100	99	98	94	85	80
125-8T/6-5,5	56	64	76	81	80	75	64	60	160-6T/9-100	75	93	102	101	100	96	87	82
125-8T/6-7,5	58	66	78	83	82	77	66	62	160-8T/3-3	61	71	79	84	83	82	69	64
125-8T/6-10	59	67	79	84	83	78	67	63	160-8T/3-4	63	73	81	86	85	84	71	66
125-8T/9-4	51	62	72	78	79	74	63	59	160-8T/3-5,5	64	74	82	87	86	85	72	67
125-8T/9-5,5	53	64	74	80	81	76	65	61	160-8T/3-7,5	65	75	83	88	87	86	73	68
125-8T/9-7,5	56	67	77	83	84	79	68	64	160-8T/3-10	66	76	84	89	88	87	74	69
125-8T/9-10	58	69	79	85	86	81	70	66	160-8T/3-15	68	78	86	91	90	89	76	71
125-8T/9-15	59	70	80	86	87	82	71	67	160-8T/6-4	60	75	84	86	83	77	69	65
140-6T/3-4	66	76	84	89	88	87	74	74	160-8T/6-5,5	61	76	85	87	84	78	70	66
140-6T/3-5,5	69	79	87	92	91	90	77	77	160-8T/6-7,5	62	77	86	88	85	79	71	67
140-6T/3-7,5	69	79	87	92	91	90	77	77	160-8T/6-10	63	78	87	89	86	80	72	68
140-6T/3-10	70	80	88	93	92	91	78	78	160-8T/6-15	65	80	89	91	88	82	74	70
140-6T/3-15	71	81	89	94	93	92	79	79	160-8T/6-20	66	81	90	92	89	83	75	71
140-6T/3-20	73	83	91	96	95	94	81	81	160-8T/6-25	68	83	92	94	91	85	77	73
140-6T/6-5,5	66	81	90	92	89	83	75	71	160-8T/9-7,5	60	78	87	86	85	81	72	67
140-6T/6-7,5	67	82	91	93	90	84	76	72	160-8T/9-10	62	80	89	88	87	83	74	69
140-6T/6-10	68	83	92	94	91	85	77	73	160-8T/9-15	63	81	90	89	88	84	75	70
140-6T/6-15	69	84	93	95	92	86	78	74	160-8T/9-20	64	82	91	90	89	85	76	71
140-6T/6-20	71	86	95	97	94	88	80	76	160-8T/9-25	65	83	92	91	90	86	77	72
140-6T/6-25	72	87	96	98	95	89	81	77	160-8T/9-30	66	84	93	92	91	87	78	73
140-6T/6-30	73	88	97	99	96	90	82	78	160-8T/9-40	68	86	95	94	93	89	80	75

Dimensions in mm

HGT

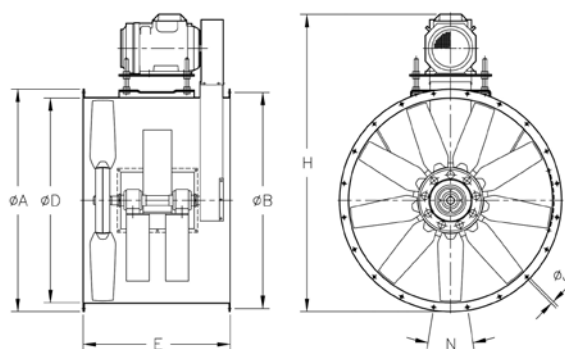


Model	ØA	ØB	C (Consult motor build sizes)							ØD	E	long	short	ØJ	N
			132	160	180	200	225	250	280						
HGT-125	1365	1320	570	-	-	-	-	-	-	1250	700	700	500	15	20x18°
HGT-125	1365	1320	-	700	-	-	-	-	-	1250	700	700	500	15	20x18°
HGT-125	1365	1320	-	-	765	825	-	-	-	1250	900	900	500	15	20x18°
HGT-125	1365	1320	-	-	-	-	910	-	-	1250	1000	1000	500	15	20x18°
HGT-125	1365	1320	-	-	-	-	-	985	-	1250	1000	1000	600	15	20x18°
HGT-125	1365	1320	-	-	-	-	-	-	1190	1250	1200	700	700	15	20x18°
HGT-140	1515	1470	570	-	-	-	-	-	-	1400	650	650	400	15	20x18°
HGT-140	1515	1470	-	700	-	-	-	-	-	1400	700	700	450	15	20x18°
HGT-140	1515	1470	-	-	765	825	-	-	-	1400	900	900	550	15	20x18°
HGT-140	1515	1470	-	-	-	-	910	-	-	1400	1000	1000	550	15	20x18°
HGT-140	1515	1470	-	-	-	-	-	985	-	1400	1000	1000	600	15	20x18°
HGT-160	1735	1680	570	-	-	-	-	-	-	1600	650	650	400	19	24x15°
HGT-160	1735	1680	-	700	-	-	-	-	-	1600	700	700	450	19	24x15°
HGT-160	1735	1680	-	-	765	825	-	-	-	1600	900	900	550	19	24x15°
HGT-160	1735	1680	-	-	-	-	910	-	-	1600	1000	1000	550	19	24x15°
HGT-160	1735	1680	-	-	-	-	-	985	-	1600	1000	1000	600	19	24x15°
HGT-160	1735	1680	-	-	-	-	-	-	1190	1600	1200	700	700	19	24x15°

Motor build sizes depending on power

Poles	r/min	C.V.	3	4	5,5	7,5	10	15	20	25	30	40	50	60	75	100
4T	1800	-	-	-	-	-	132	160	160	180	180	200	225	225	250	280
6T	1200	-	132	132	132	160	160	160	180	200	200	225	250	280	280	280
8T	900	132	132	160	160	160	160	180	200	225	225	250	-	-	-	-

HGTX



Model	ØA	ØB	ØD	E	H (Consult motor build sizes)							ØJ	N
					132	160	180	200	225	250	280		
HGT-X 125	1365	1320	1250	900	1743	1815	1850	-	-	-	-	15	20x18°
HGT-X 125	1365	1320	1250	960	-	-	-	1930	1995	-	-	15	20x18°
HGT-X 125	1365	1320	1250	1100	-	-	-	-	-	2060	-	15	20x18°
HGT-X 125	1365	1320	1250	1100	-	-	-	-	-	-	2090	15	20x18°

Motor build sizes depending on power

Poles	r/min	C.V.	3	4	5,5	7,5	10	15	20	25	30	40	50	60	75	100
4T	1800	-	-	-	-	-	132	160	160	180	180	200	225	225	250	280
6T	1200	-	132	132	132	160	160	160	180	200	200	225	250	280	280	280
8T	900	132	132	160	160	160	160	180	200	225	225	250	-	-	-	-

EXAMPLE OF SELECTION

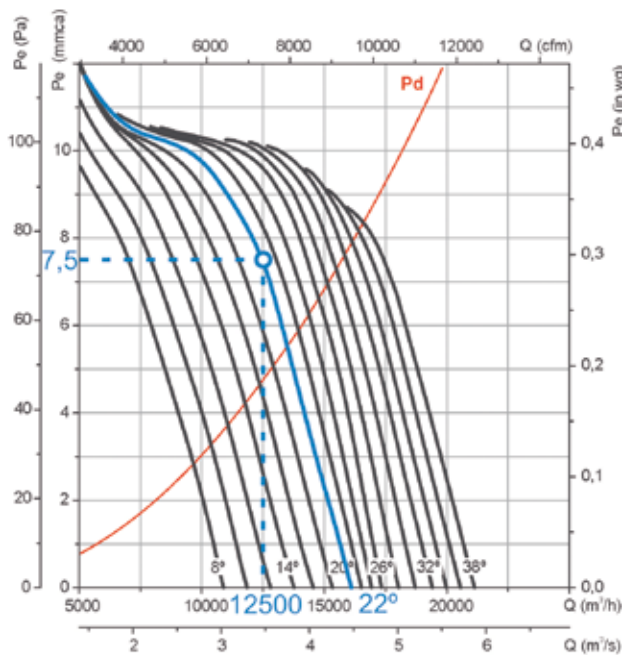
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 8

Number of blades: 3



Initial data

- Working point:
- Airflow: 12,500 m³/h
- Loss of load: 7.5 mm w.c.

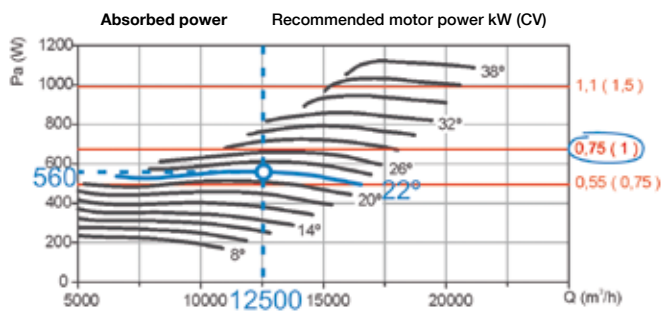
Steps for the selection of equipment

On the pressure graph:

1. Mark the working point, defined by the airflow (12,500 m³/h) and the loss of load (7.5 mm w.c.).
2. Select the curve of the equipment which is closest above the working point. In our case, a curve with a blade angle of 22° is obtained.

On the power graph:

3. Mark the working point, defined by the airflow (12,500 m³/h) and the selected blade angle (22°).
4. Read the absorbed power on the power axis on the left. Pa= 560 W at the working point.
5. Look for the straight red line which is closest to the working point above. On the right-hand side of the graph, the value of the installed motor power is obtained. In our case, this is 0.75 kW or 1 CV.



EXAMPLE OF ORDER CODE

HGT	—	125	—	8T	—	3	—	1	—	22
HGT: Large long cased axial fans with direct drive motor HGTX: Large long cased axial fans with external motor		Impeller diameter in cm.		Number of motor poles 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz		T=Three-phase M=Single-phase		Number of blades 3 blades 6 blades 9 blades		Motor power (C.V.) Angle of inclination of the blades

Characteristic curves

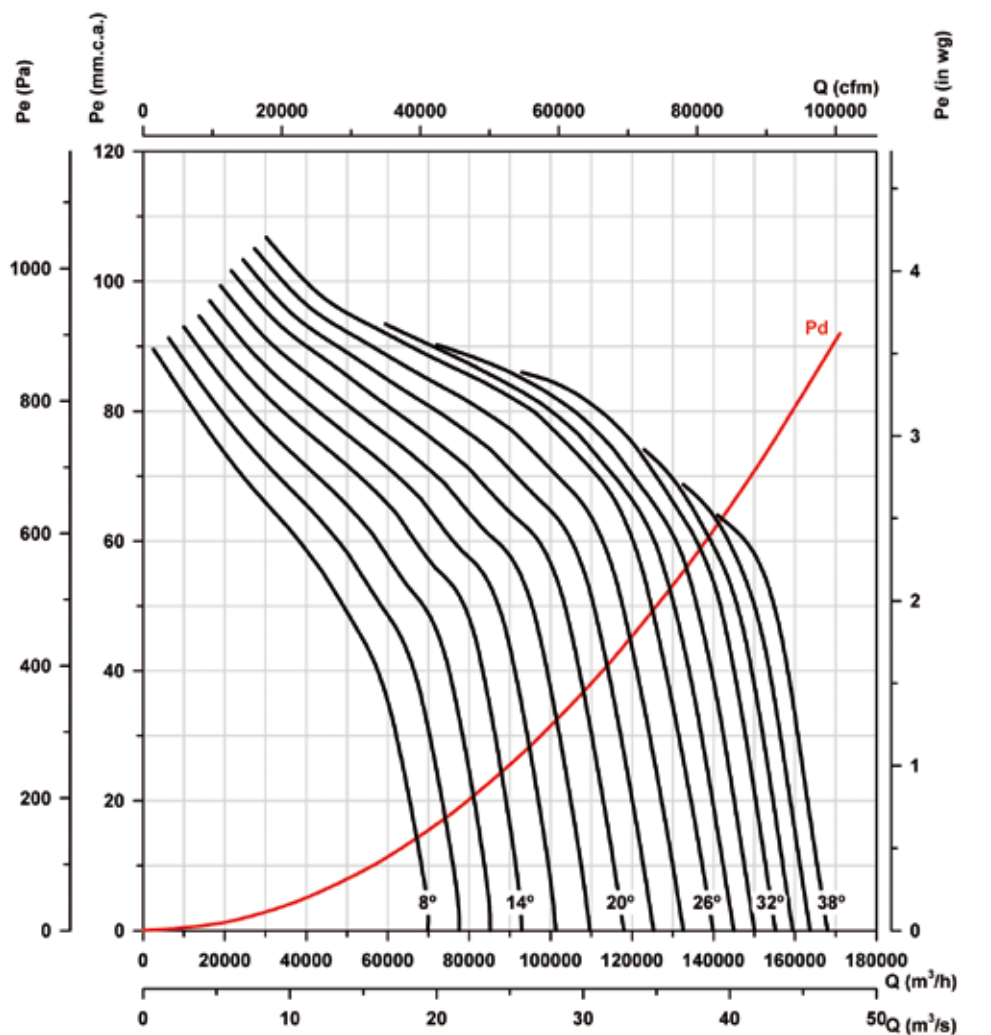
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

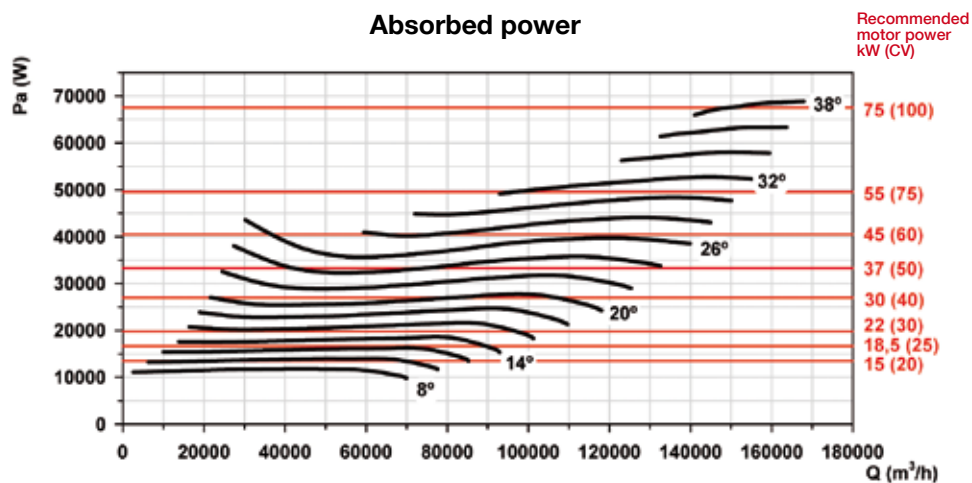
Impeller diameter (cm): 125

Number of poles: 4

Number of blades: 3



Absorbed power



Characteristic curves

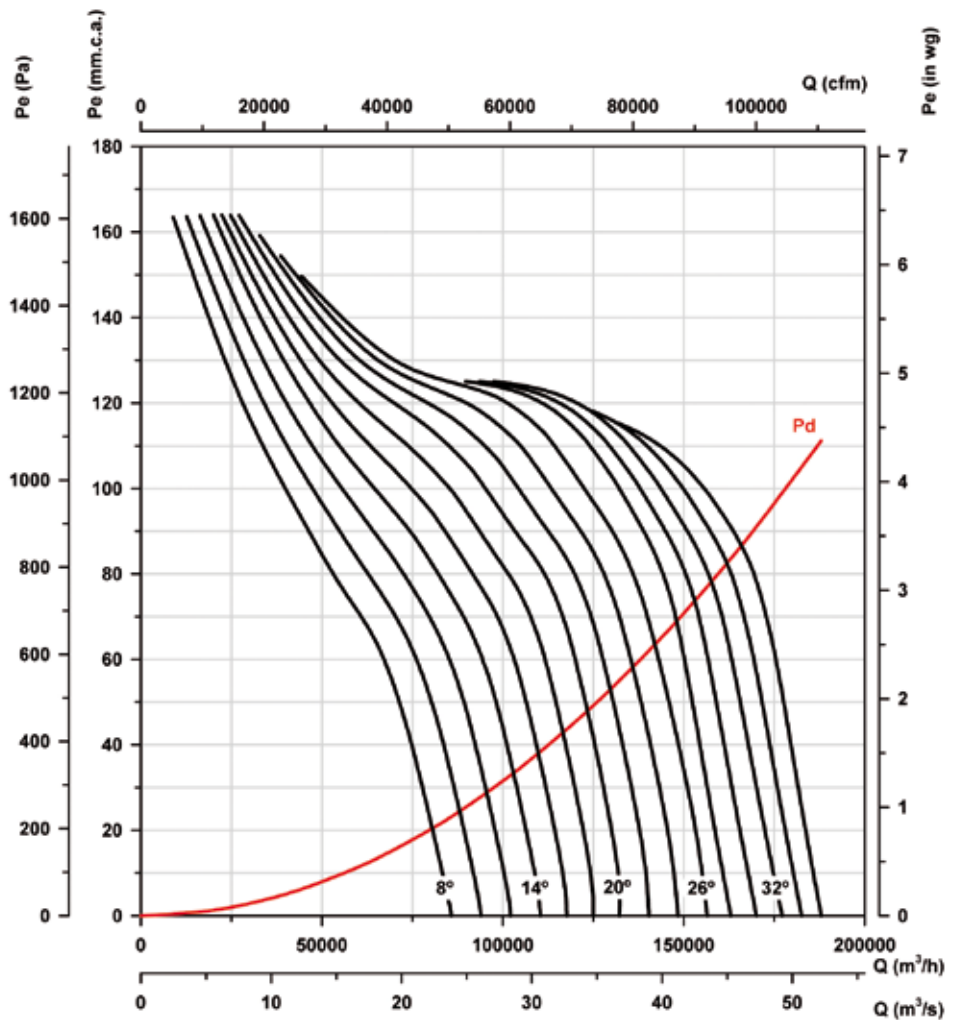
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

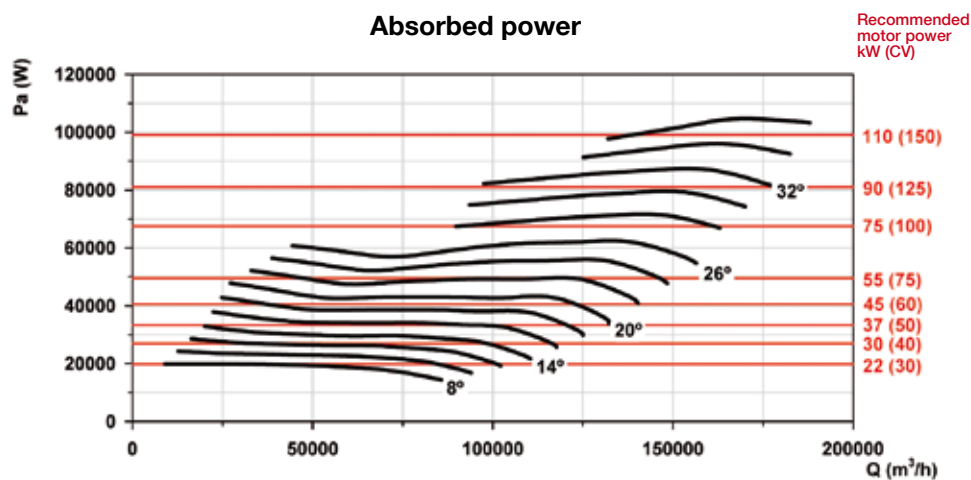
Impeller diameter (cm): 125

Number of poles: 4

Number of blades: 6



Absorbed power



Characteristic curves

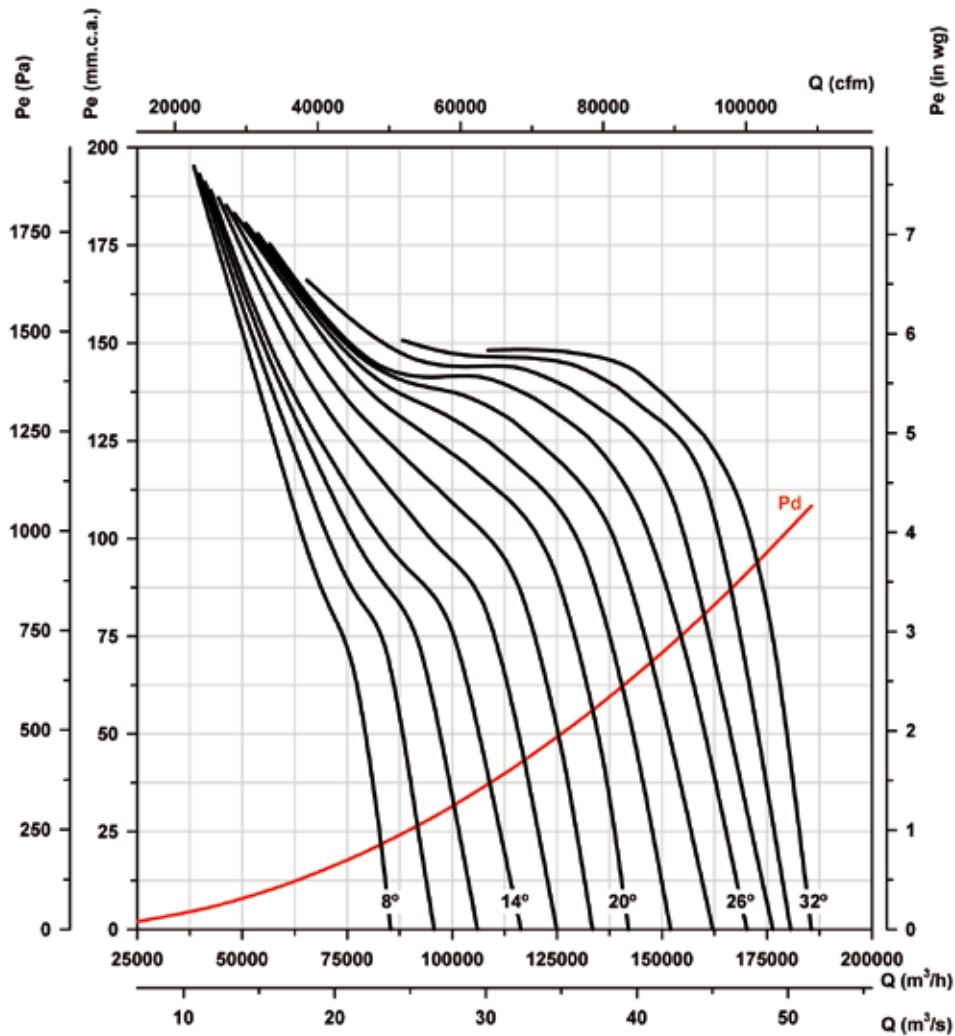
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

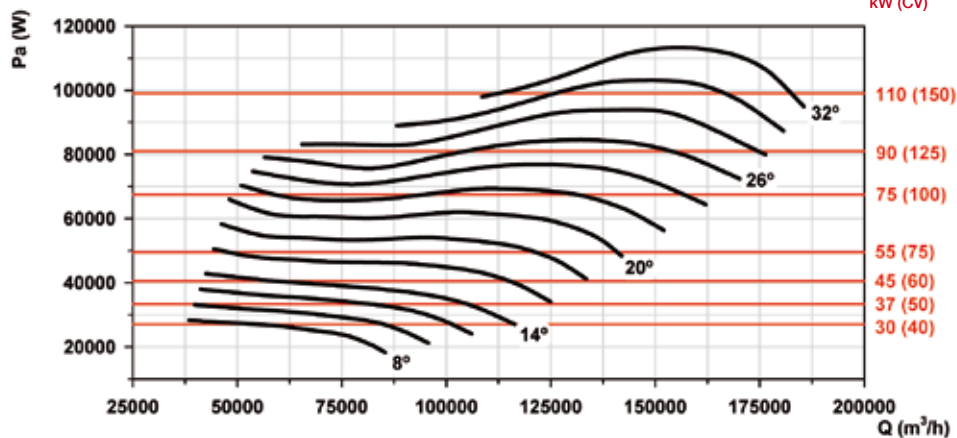
Impeller diameter (cm): 125

Number of poles: 4

Number of blades: 9



Absorbed power



Recommended
motor power
kW (CV)

Characteristic curves

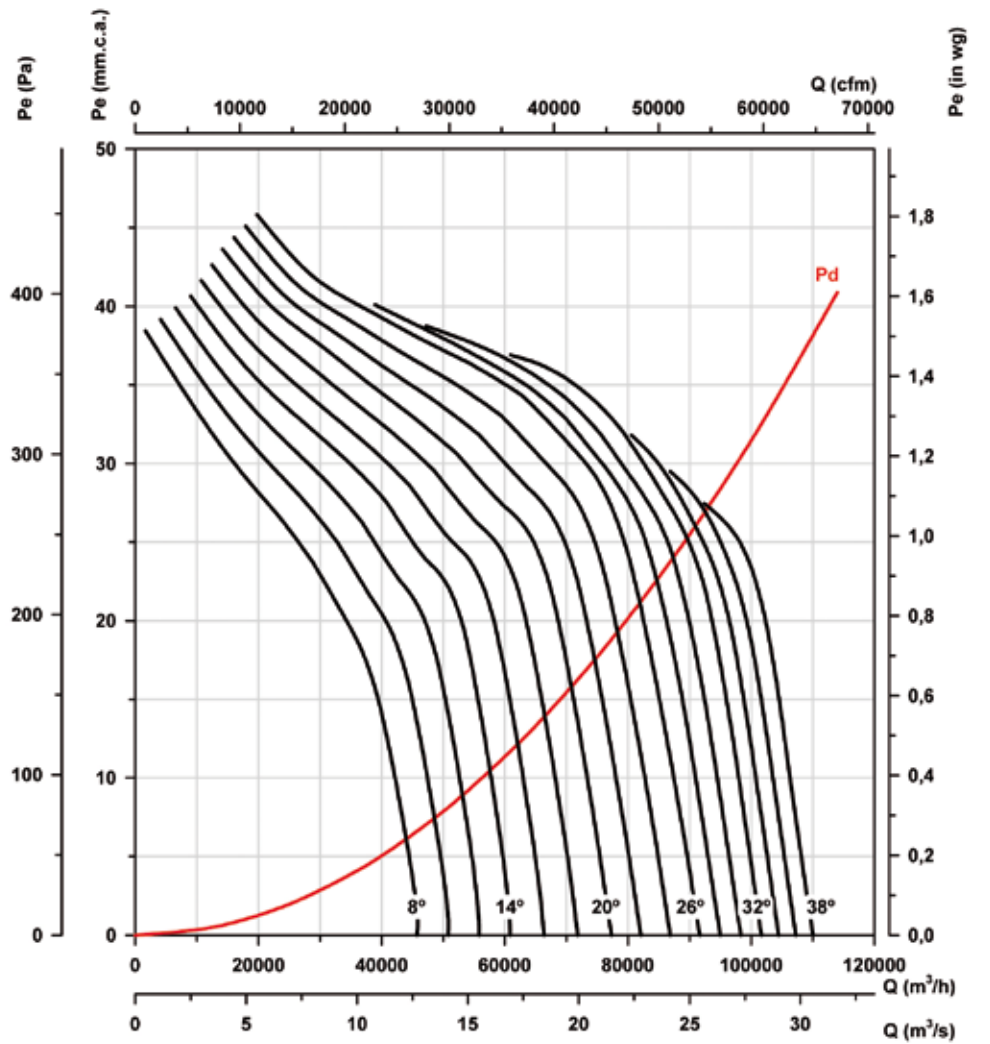
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

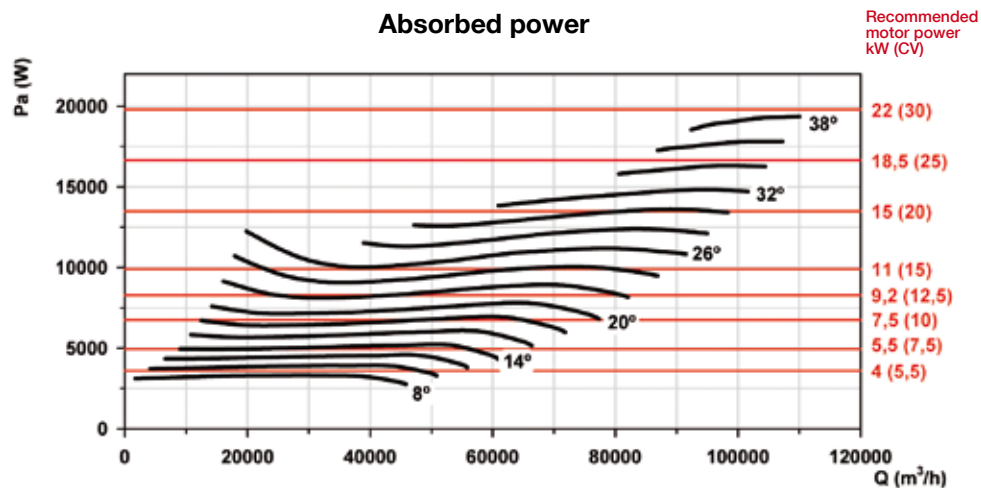
Impeller diameter (cm): 125

Number of poles: 6

Number of blades: 3



Absorbed power



Characteristic curves

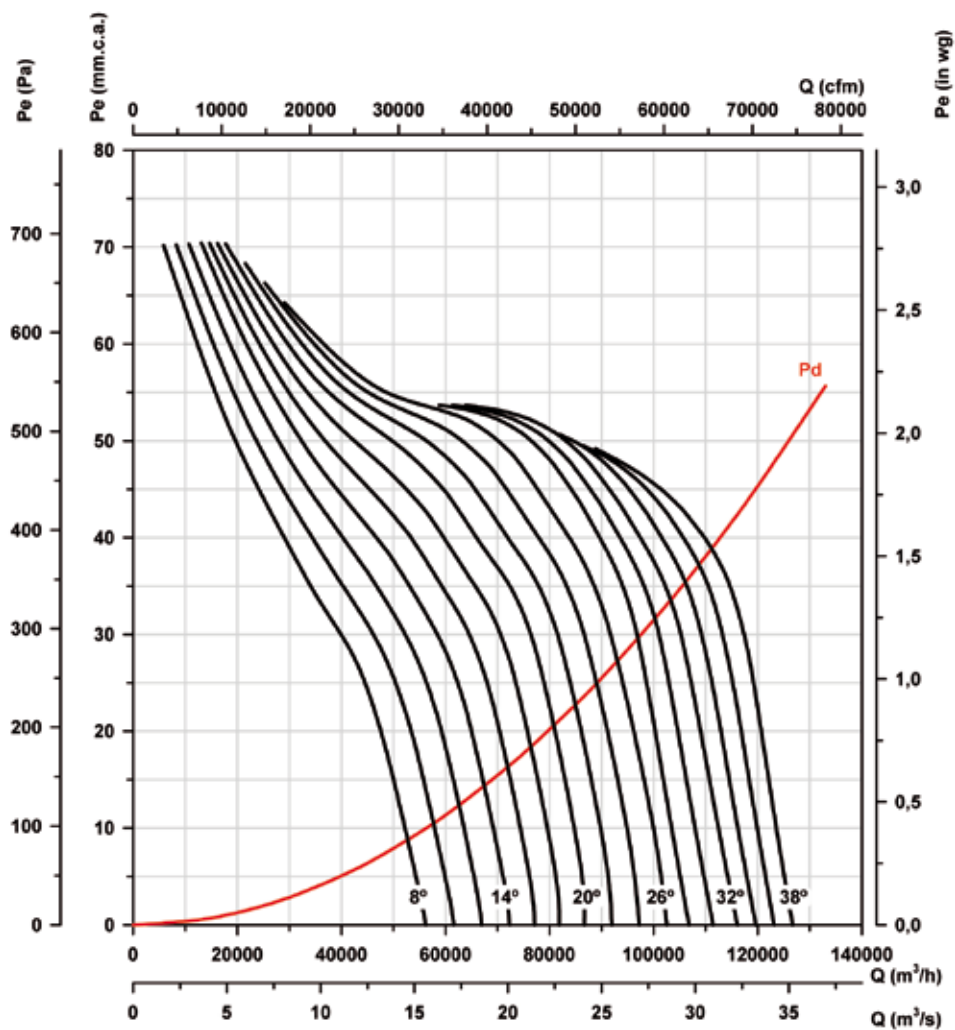
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

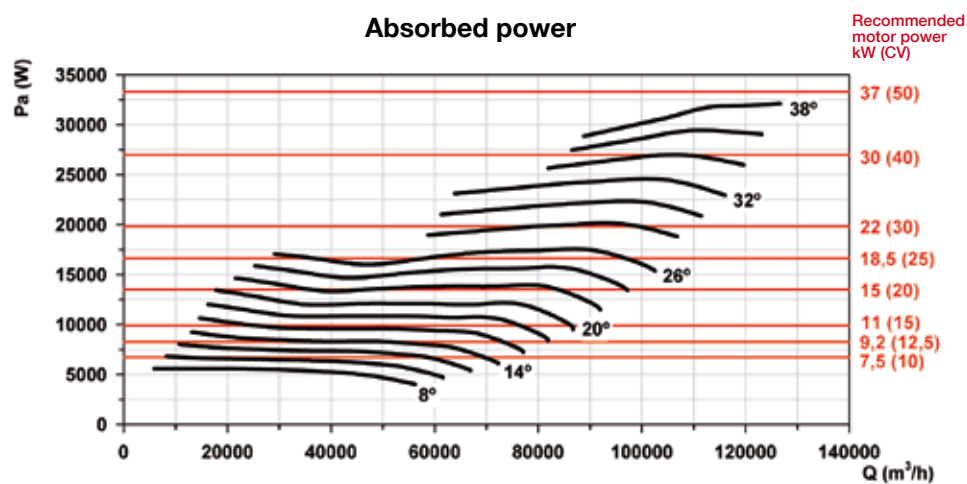
Impeller diameter (cm): 125

Number of poles: 6

Number of blades: 6



Absorbed power



Characteristic curves

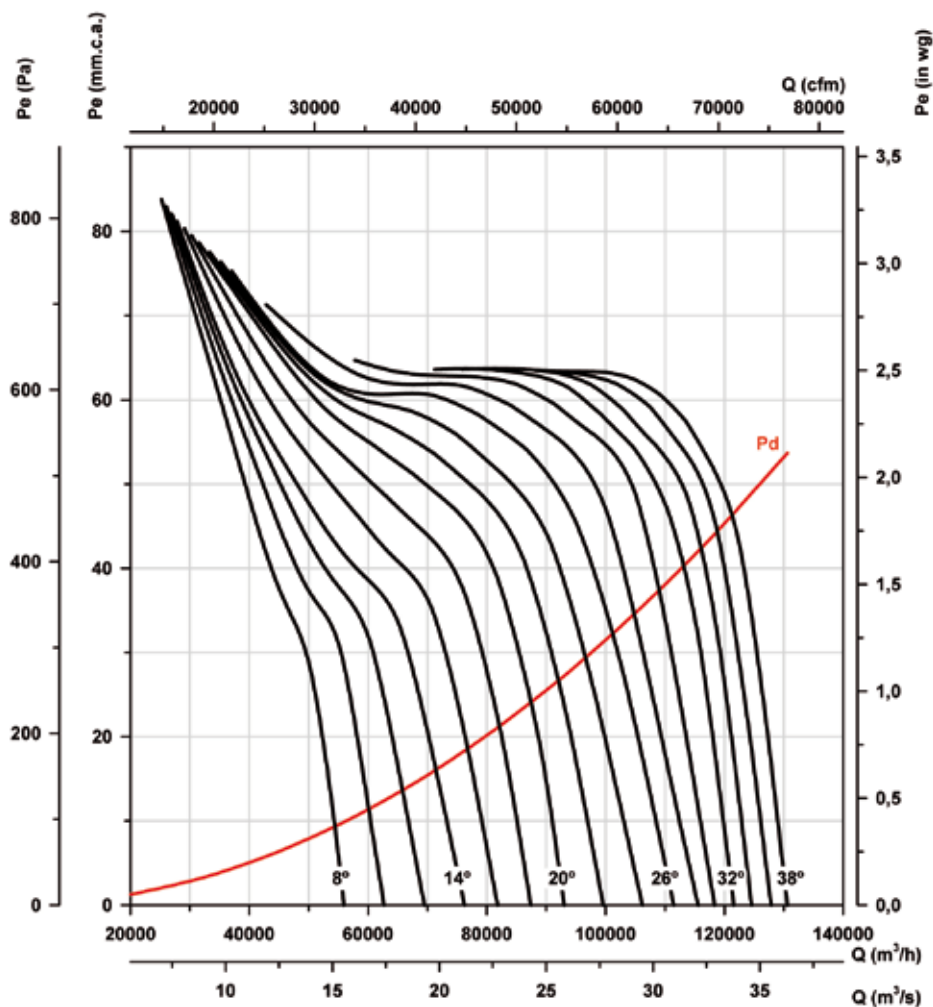
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

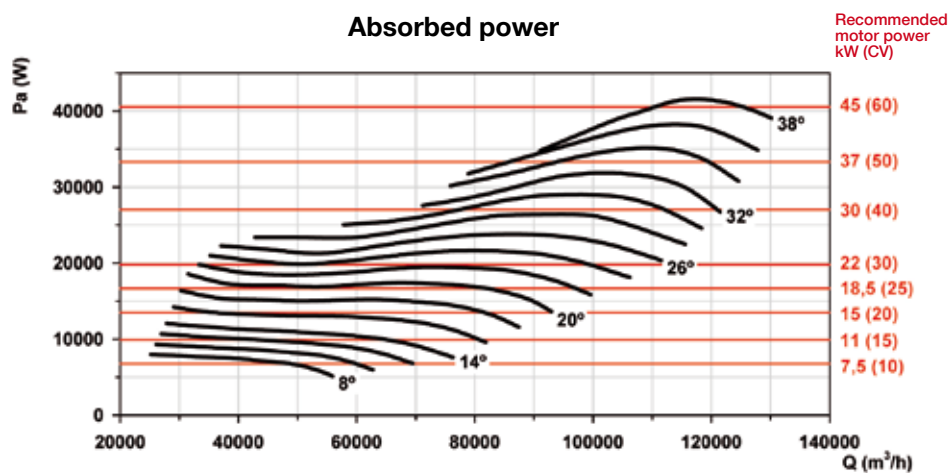
Impeller diameter (cm): 125

Number of poles: 6

Number of blades: 9



Absorbed power



Characteristic curves

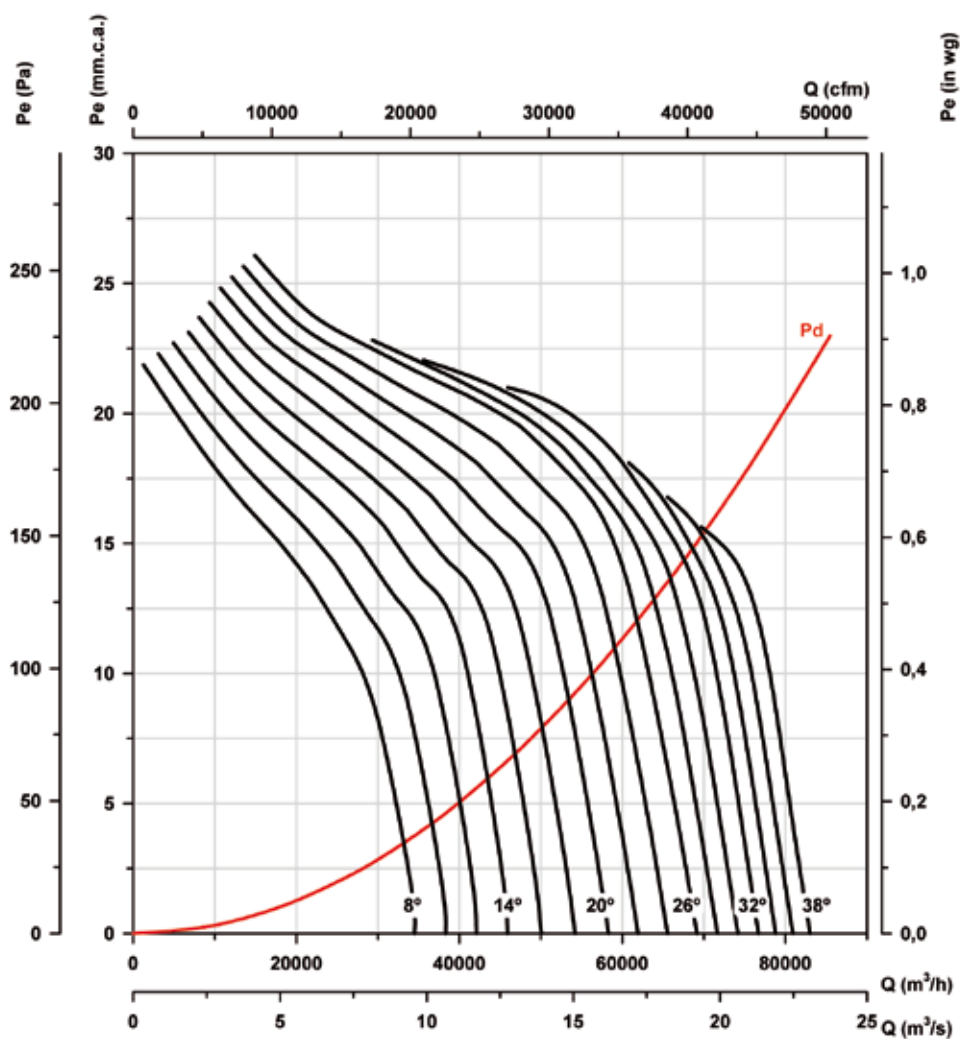
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

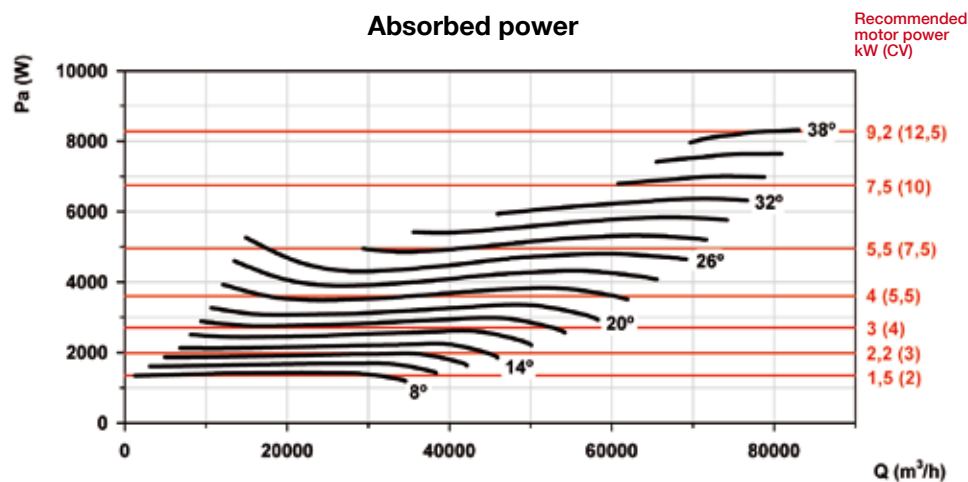
Impeller diameter (cm): 125

Number of poles: 8

Number of blades: 3



Absorbed power



Characteristic curves

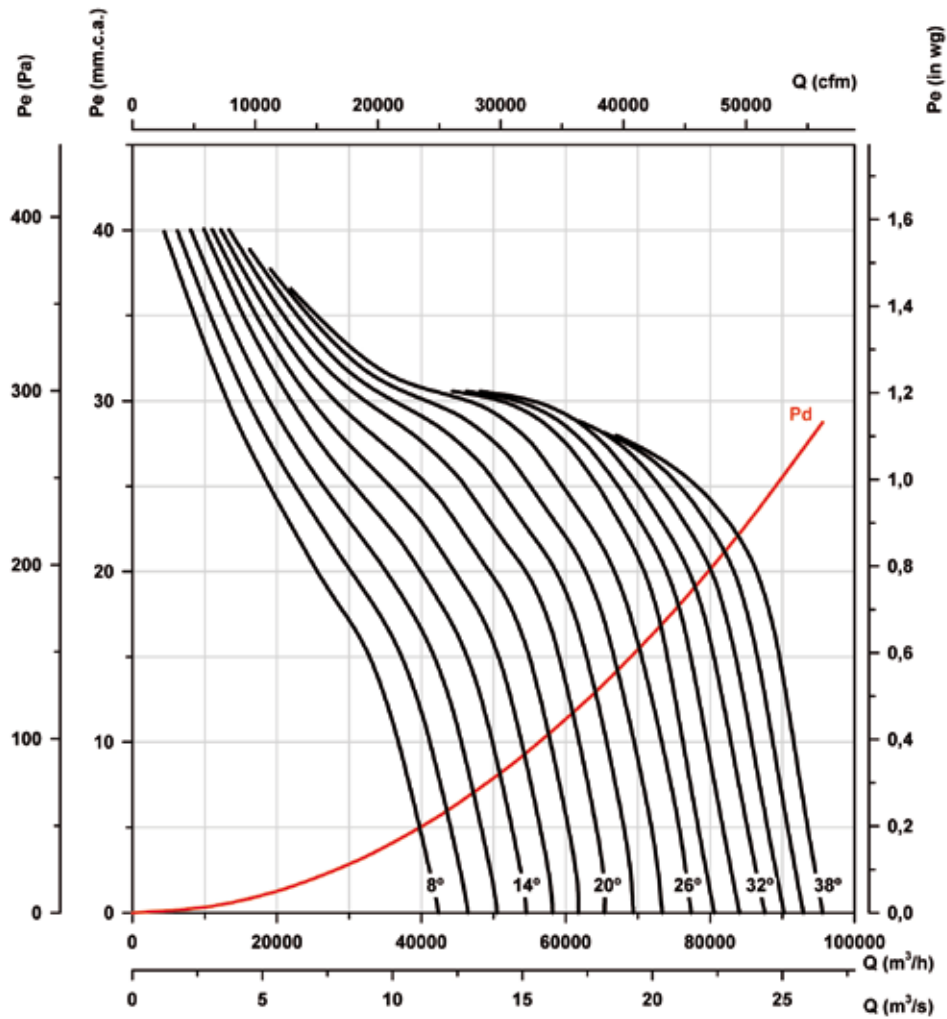
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

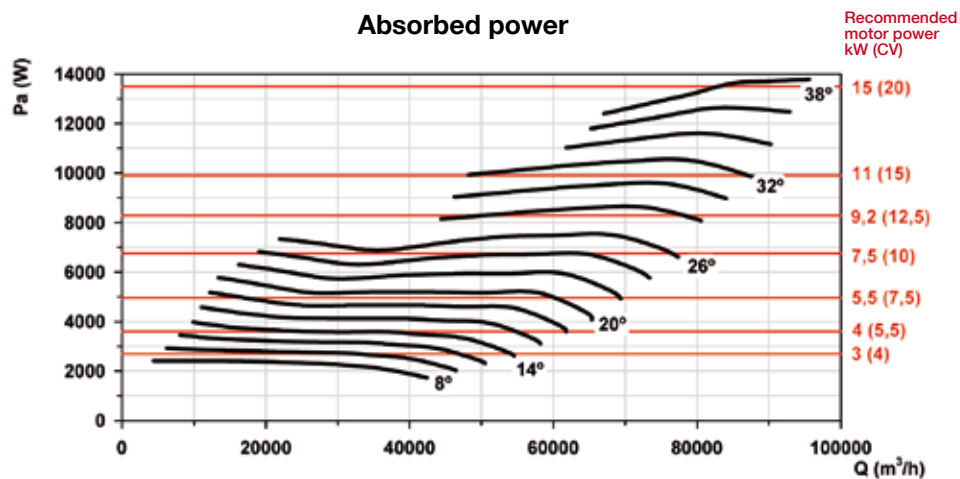
Impeller diameter (cm): 125

Number of poles: 8

Number of blades: 6



Absorbed power



Characteristic curves

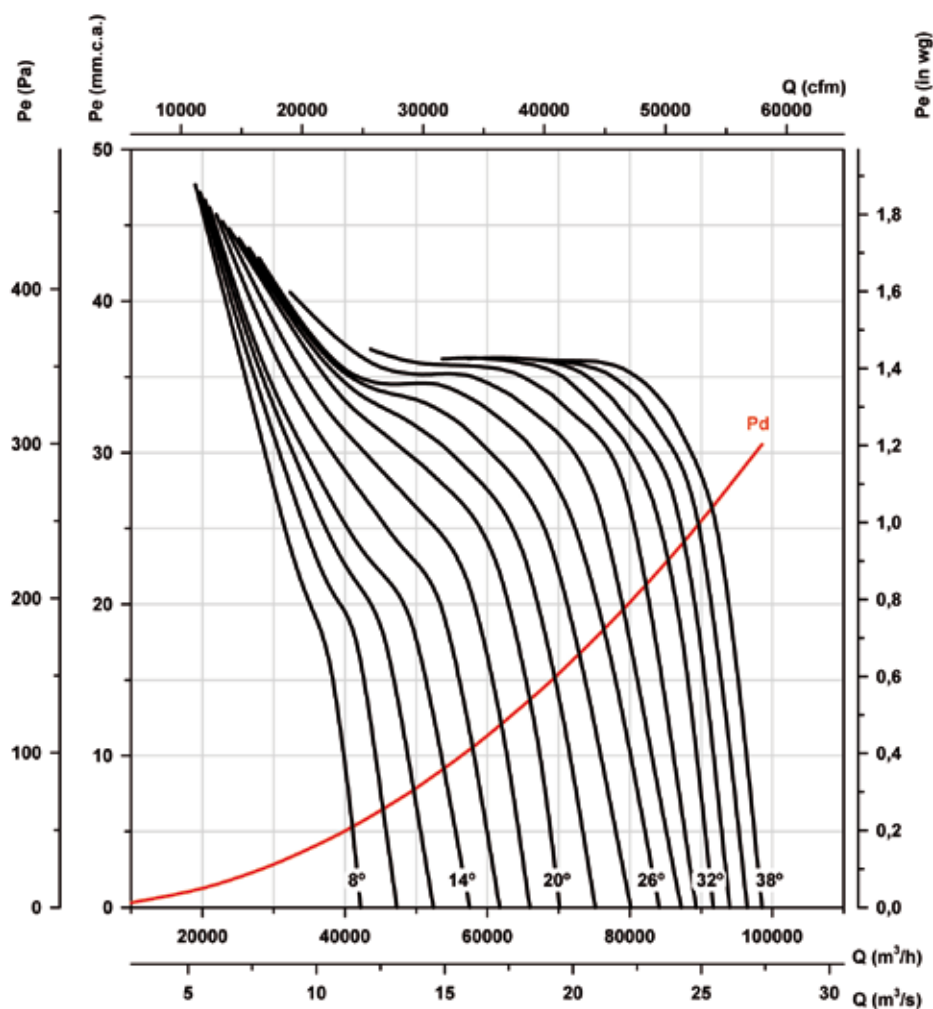
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

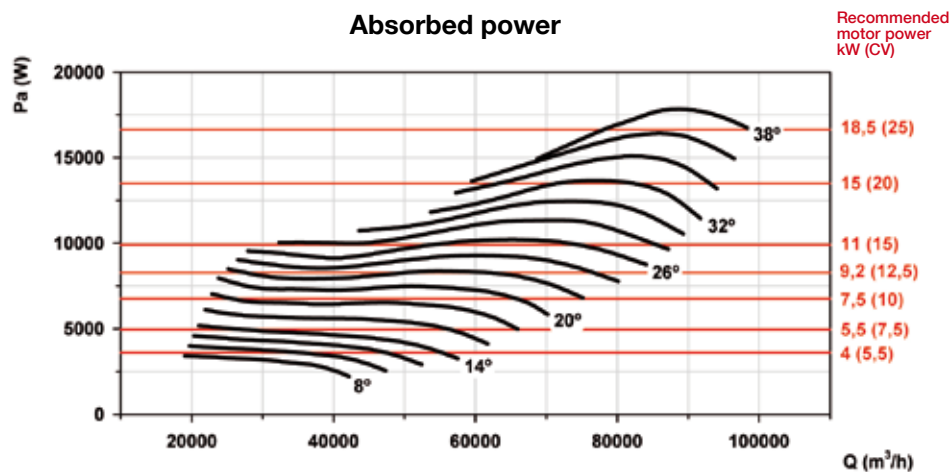
Impeller diameter (cm): 125

Number of poles: 8

Number of blades: 9



Absorbed power



Characteristic curves

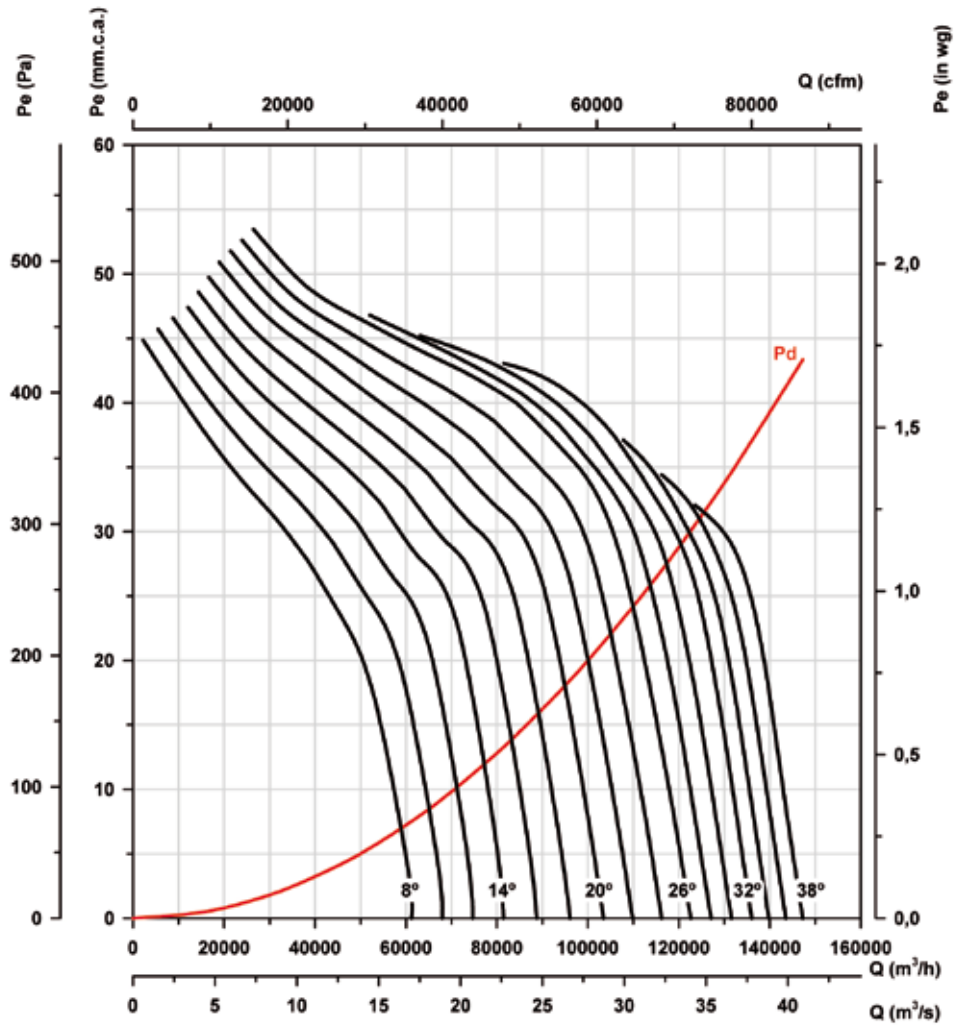
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

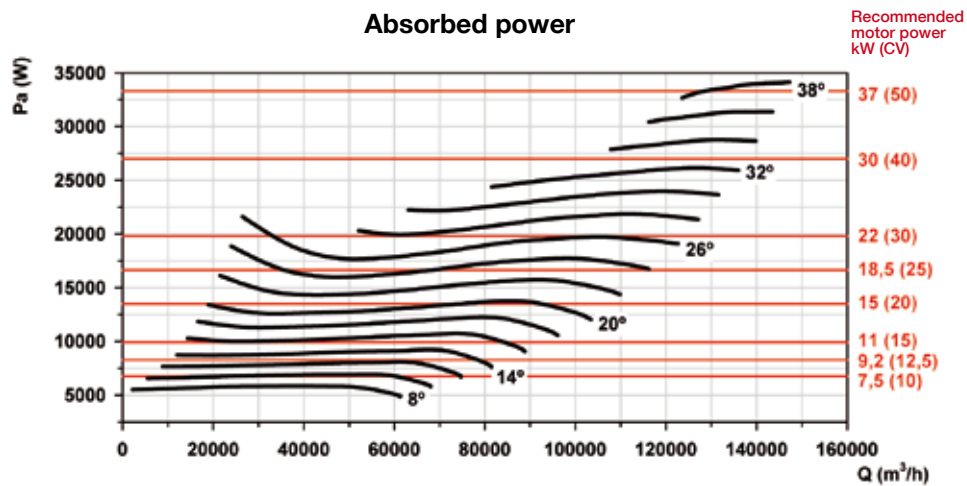
Impeller diameter (cm): 140

Number of poles: 6

Number of blades: 3



Absorbed power



Characteristic curves

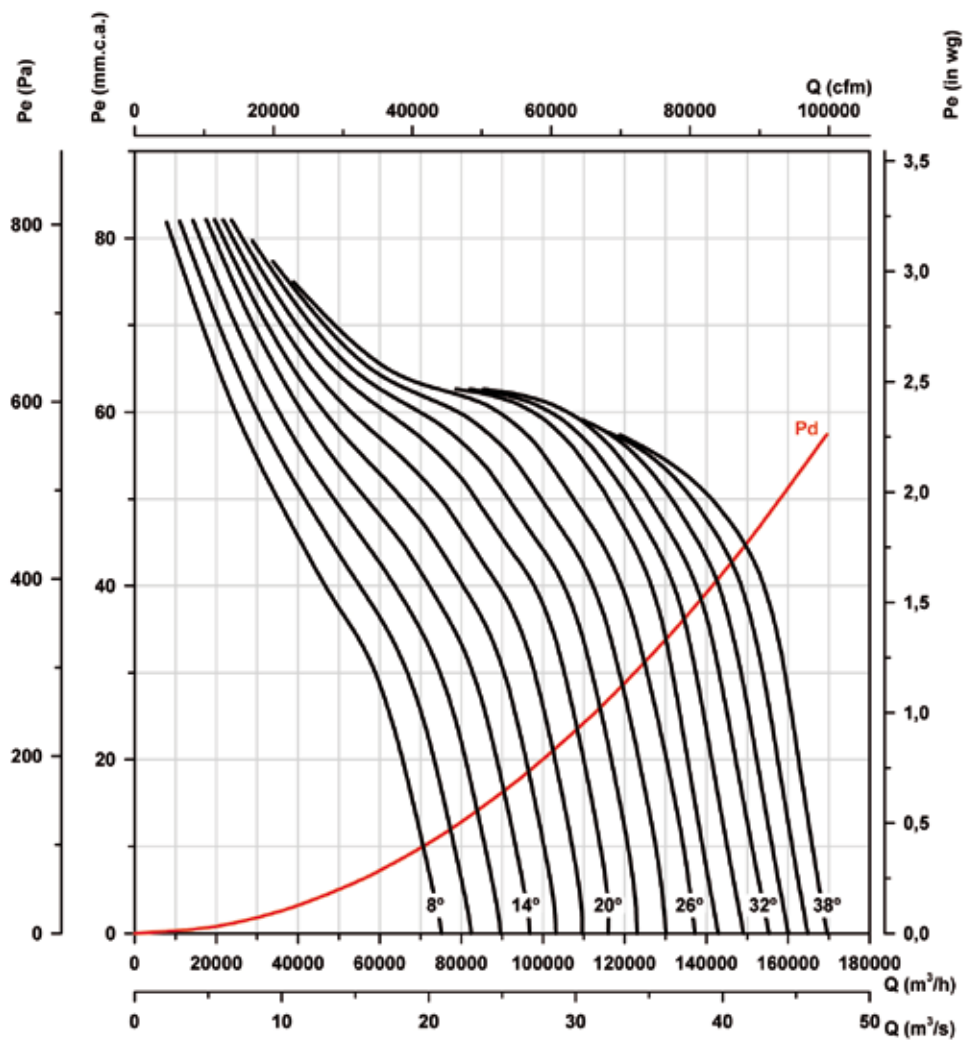
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

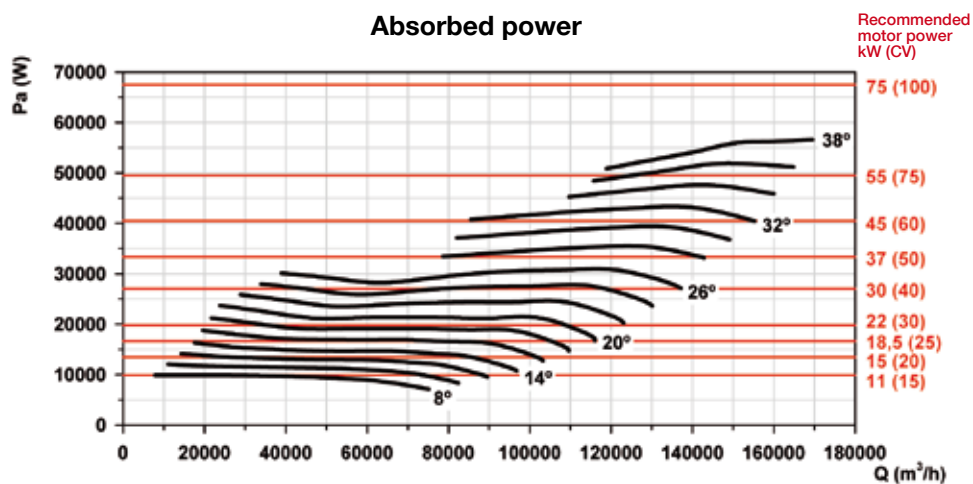
Impeller diameter (cm): 140

Number of poles: 6

Number of blades: 6



Absorbed power



Characteristic curves

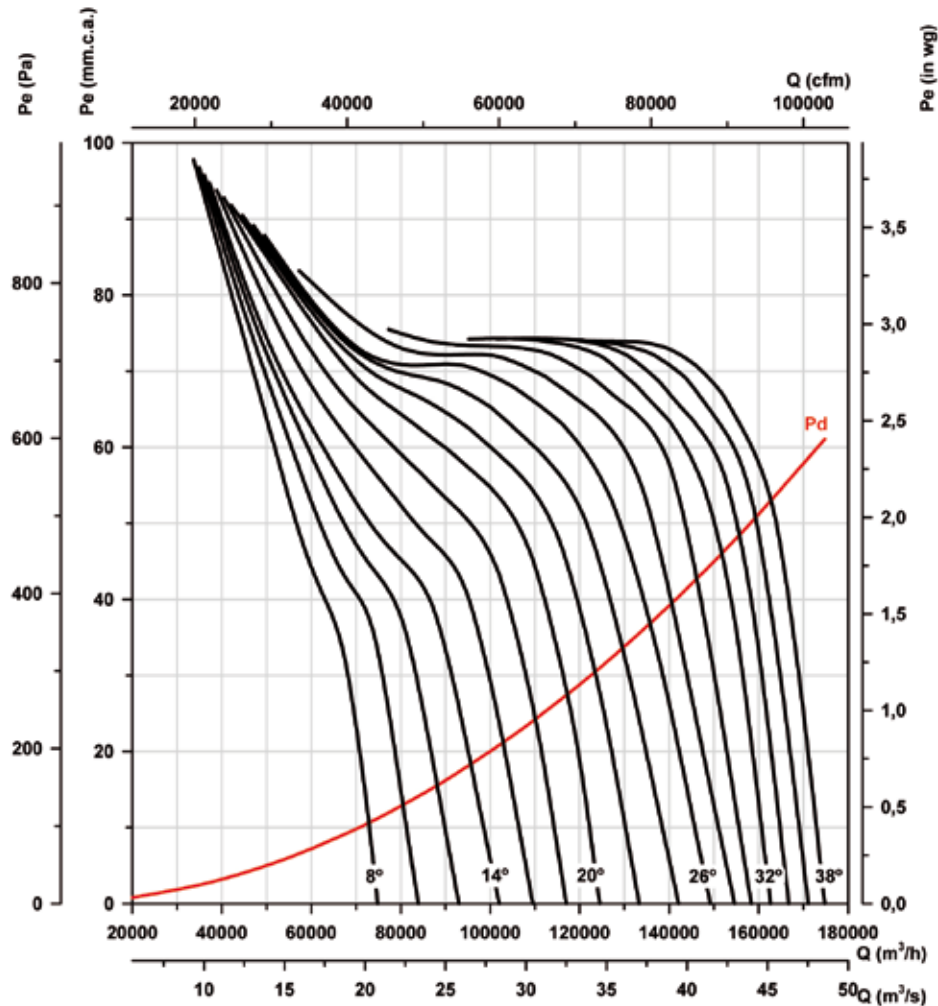
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

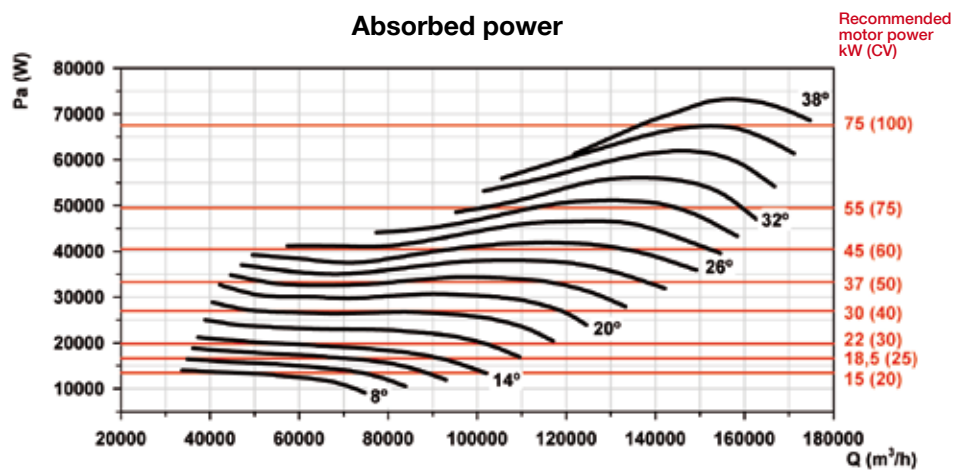
Impeller diameter (cm): 140

Number of poles: 6

Number of blades: 9



Absorbed power



Characteristic curves

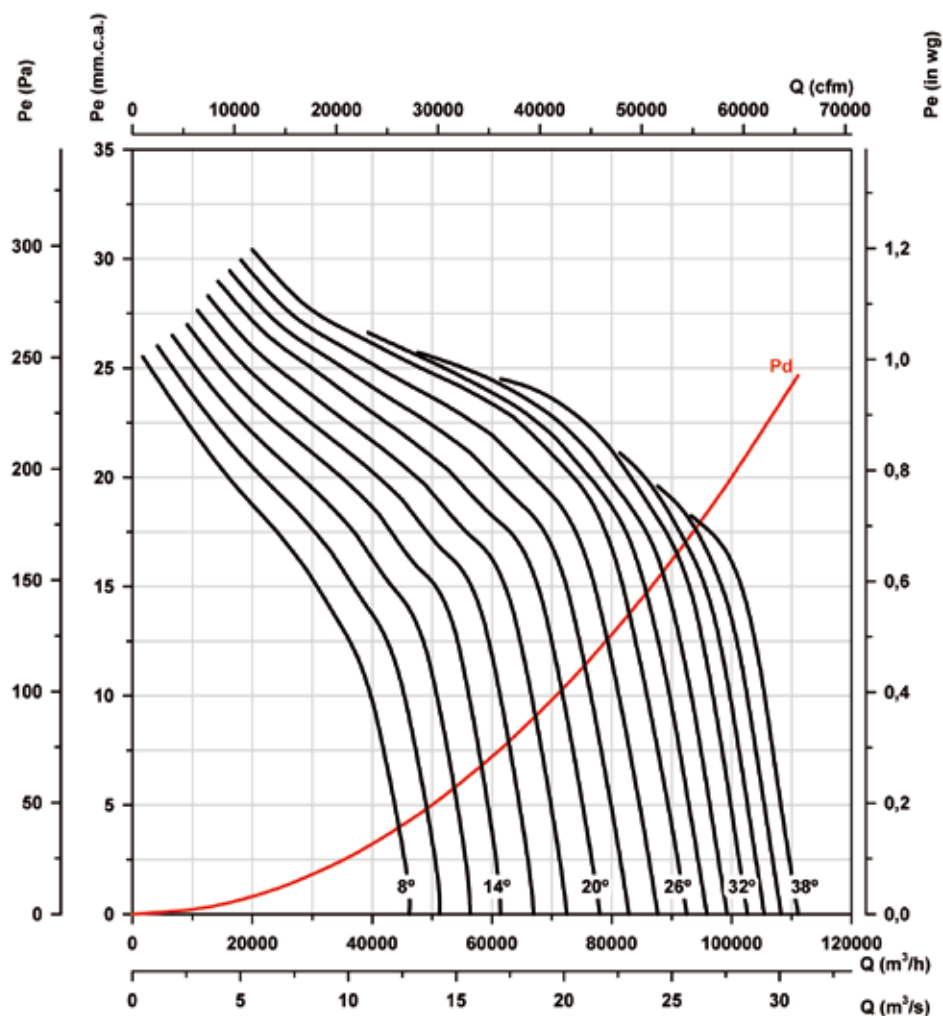
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

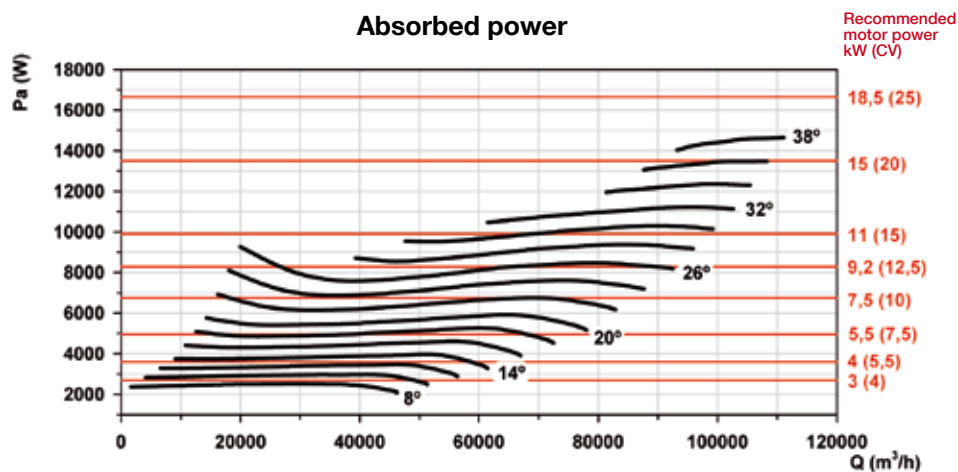
Impeller diameter (cm): 140

Number of poles: 8

Number of blades: 3



Absorbed power



Characteristic curves

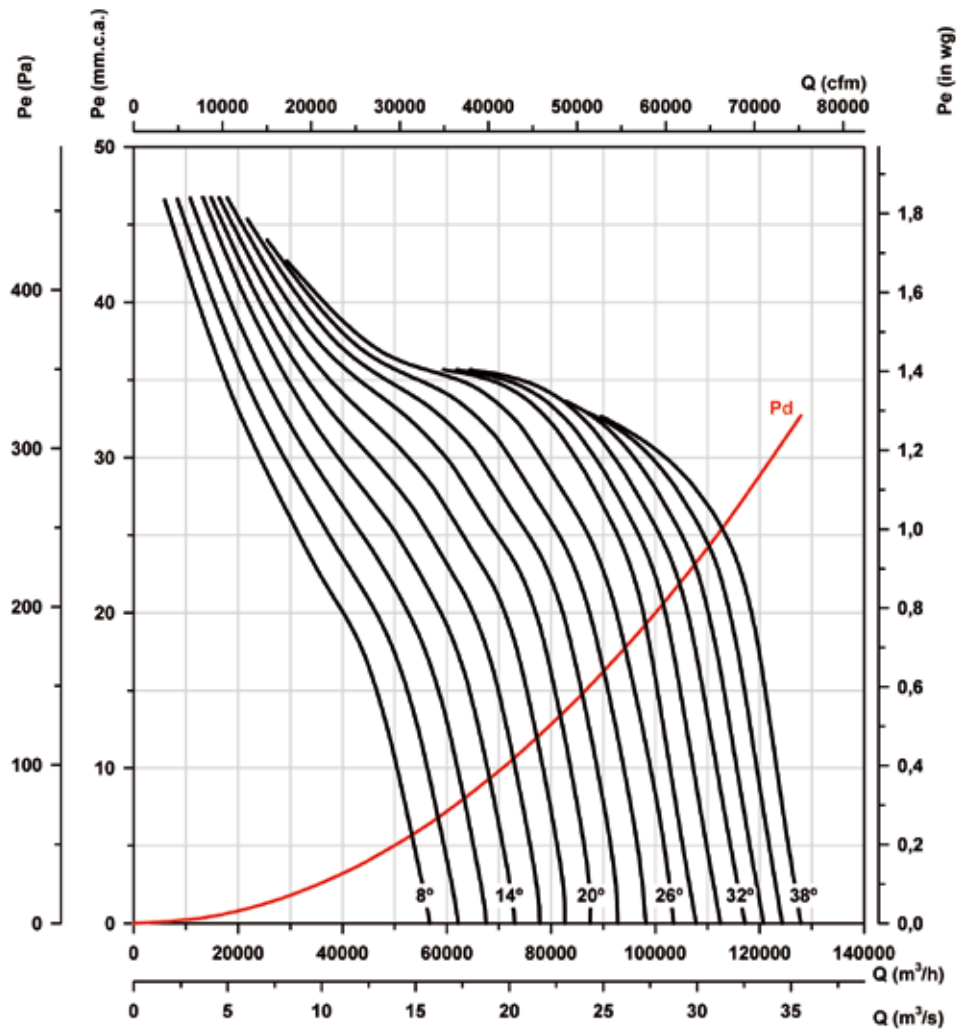
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

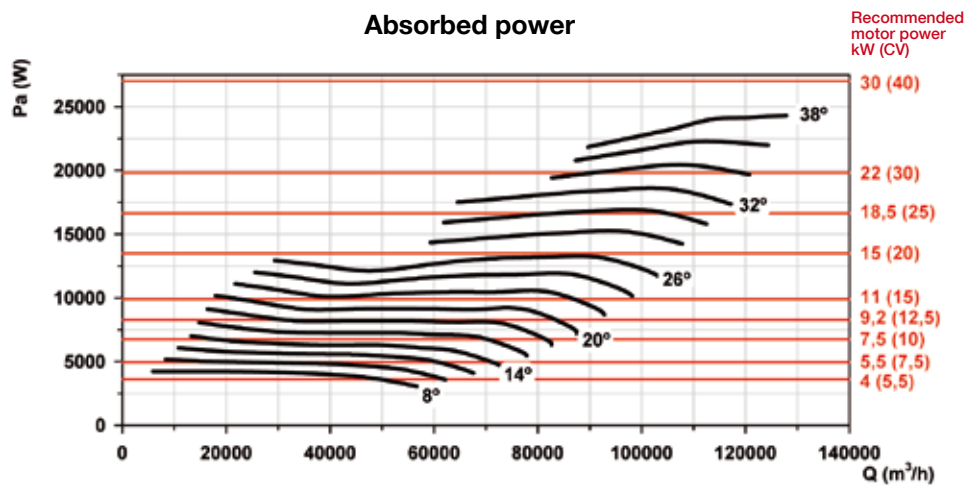
Impeller diameter (cm): 140

Number of poles: 8

Number of blades: 6



Absorbed power



Characteristic curves

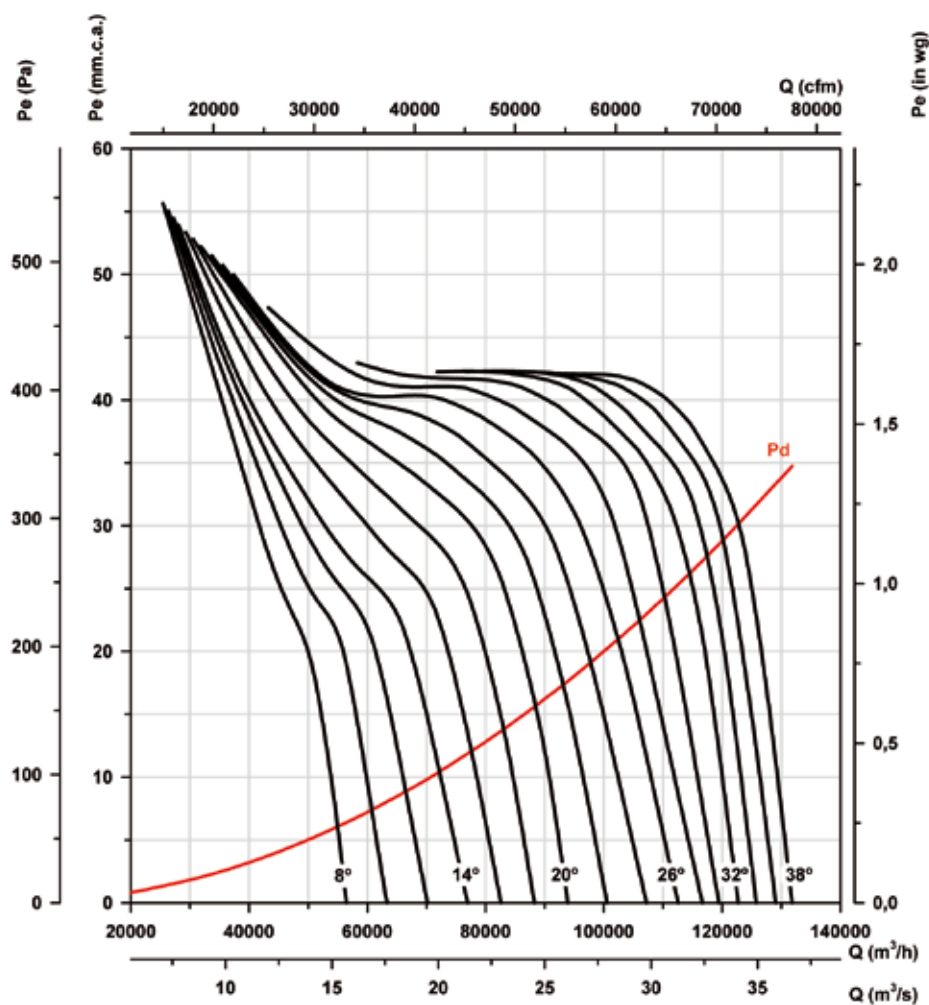
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

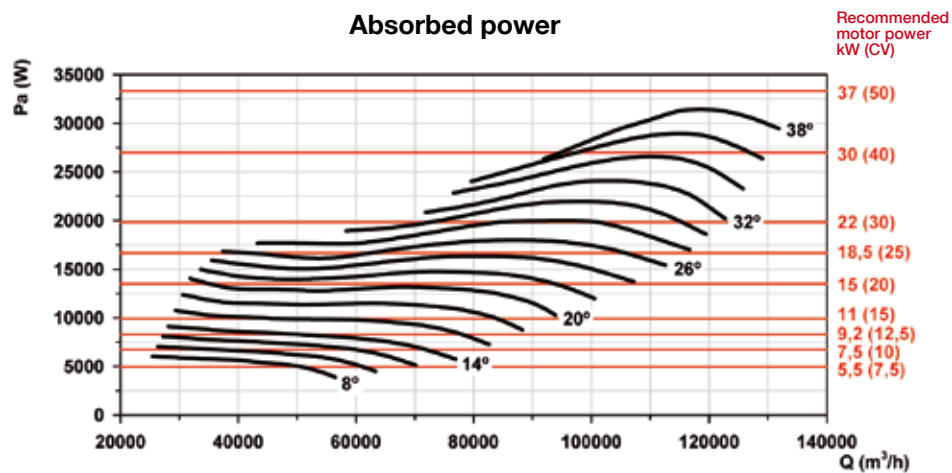
Impeller diameter (cm): 140

Number of poles: 8

Number of blades: 9



Absorbed power



Characteristic curves

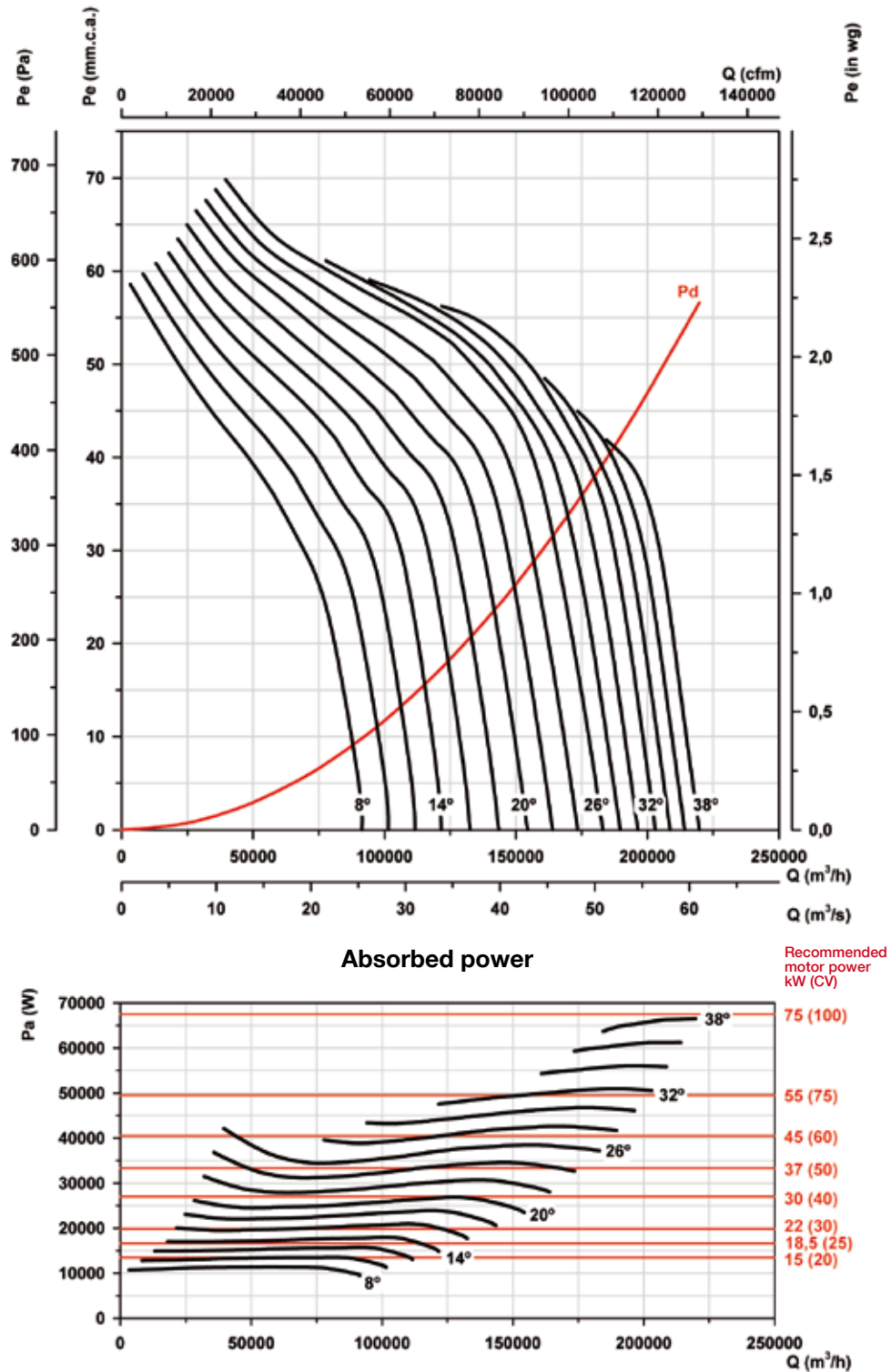
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

Number of poles: 6

Number of blades: 3



Characteristic curves

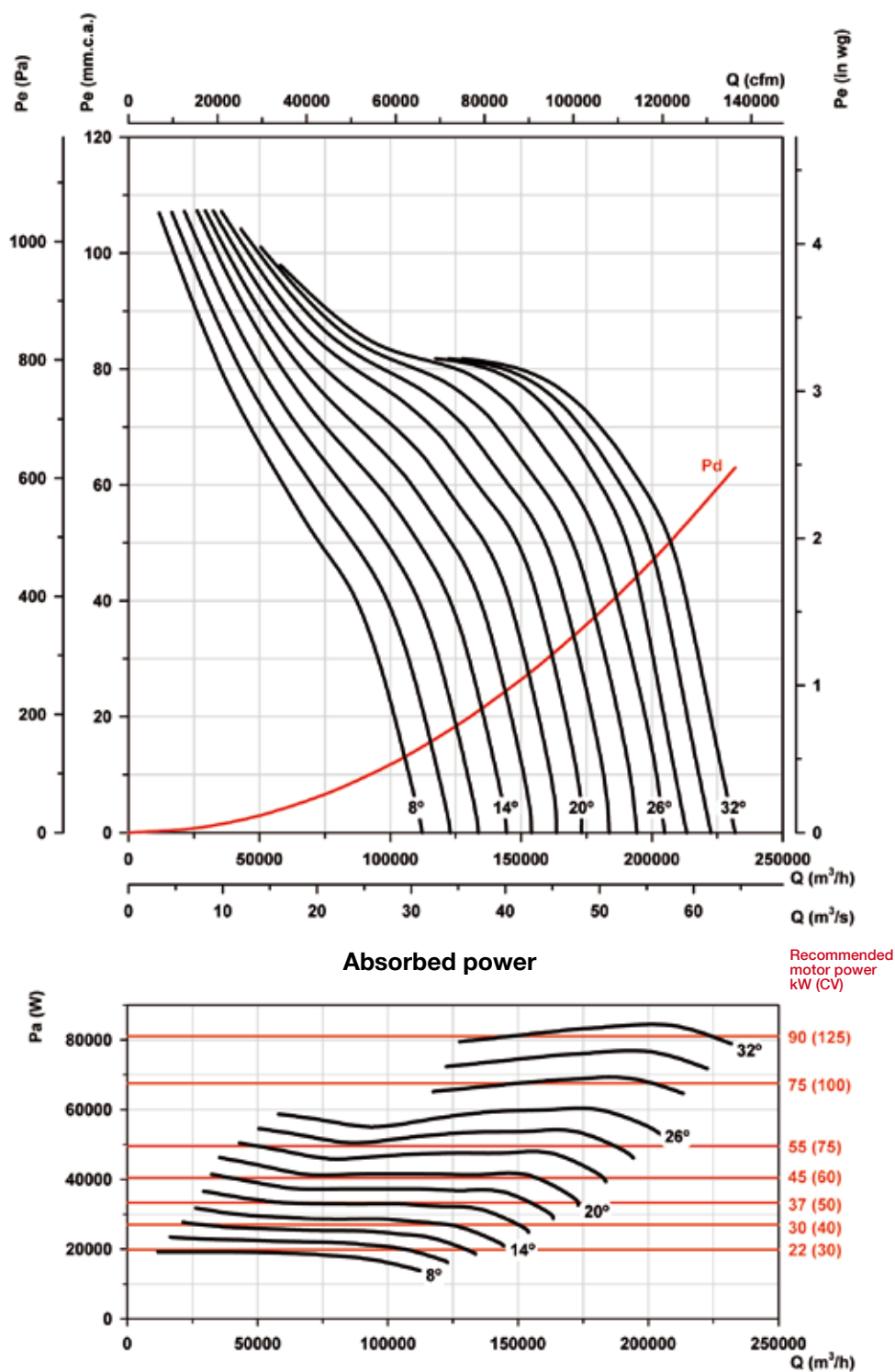
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

Number of poles: 6

Number of blades: 8



Characteristic curves

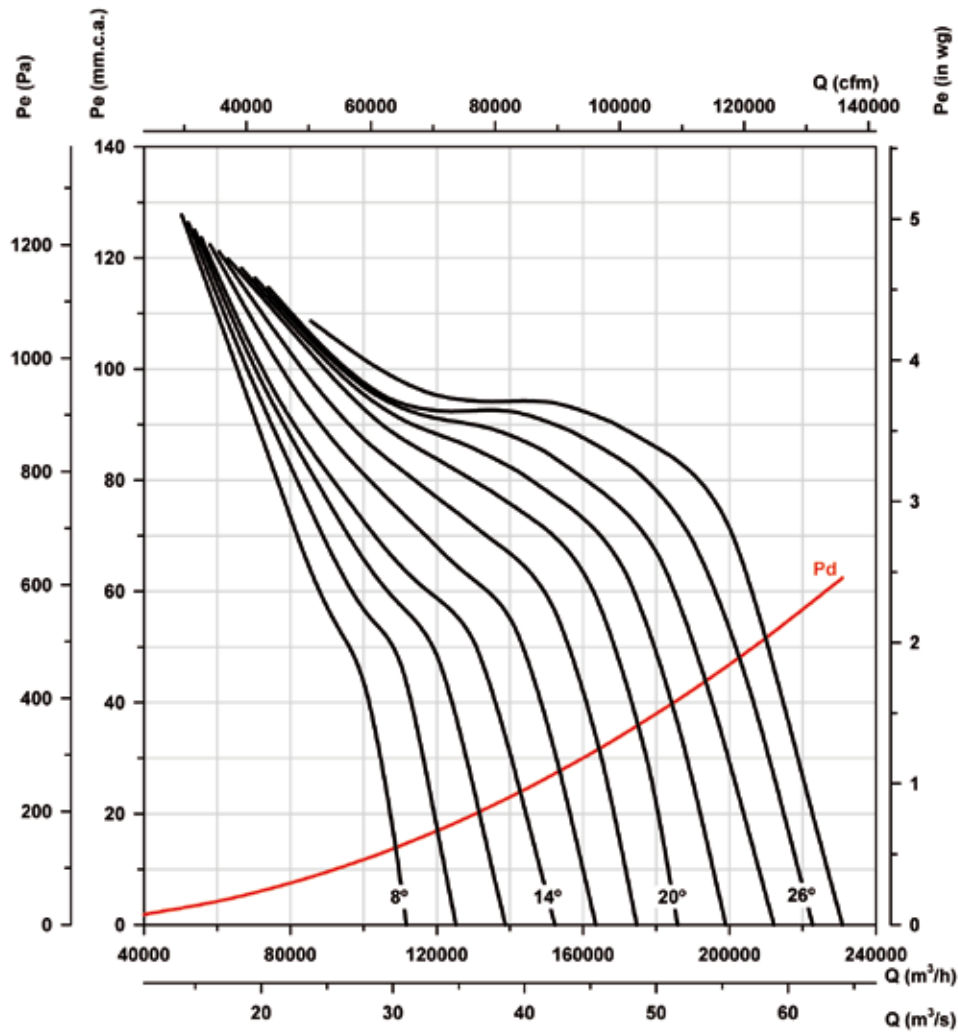
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

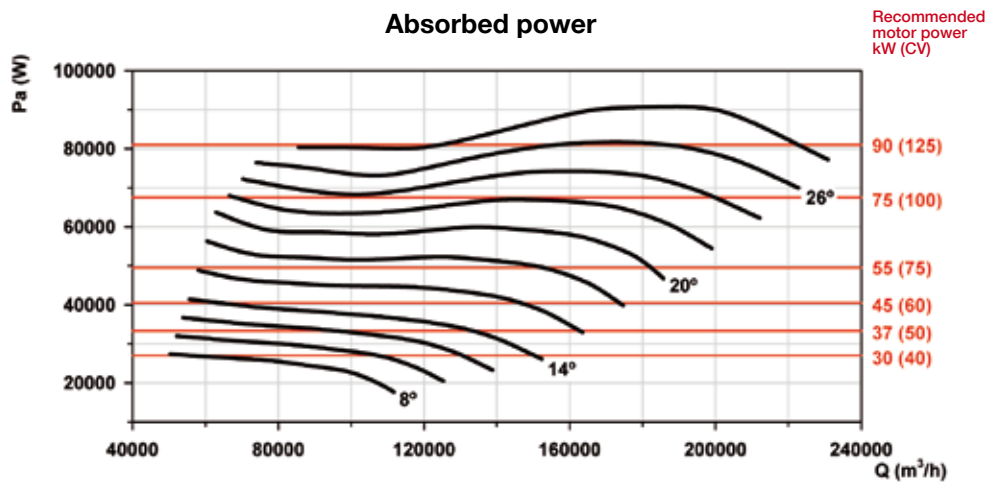
Impeller diameter (cm): 160

Number of poles: 6

Number of blades: 9



Absorbed power



Characteristic curves

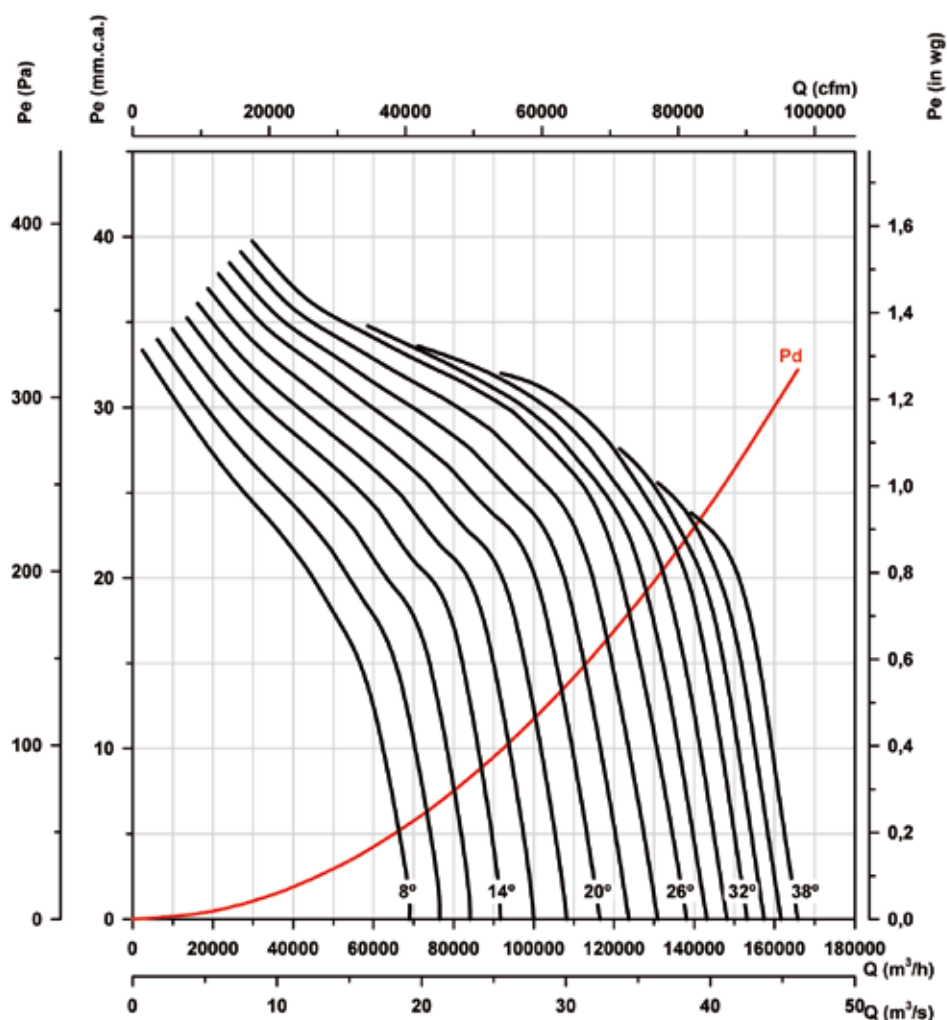
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

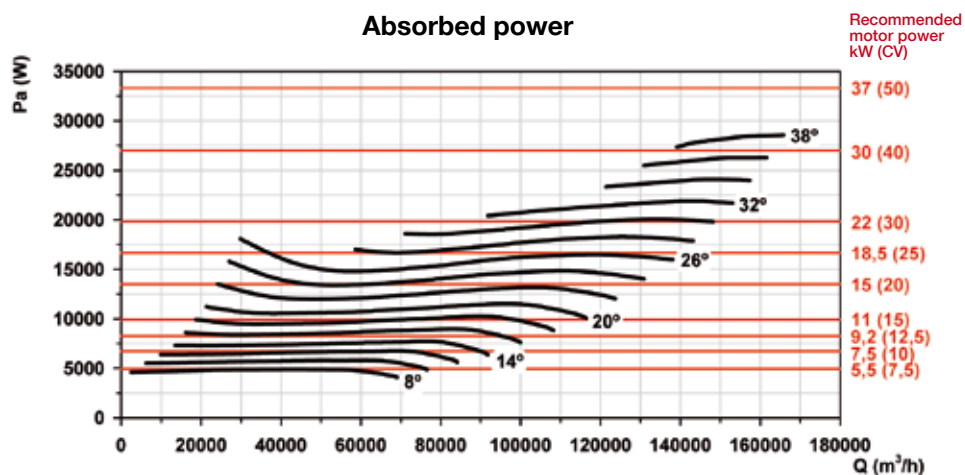
Impeller diameter (cm): 160

Number of poles: 8

Number of blades: 3



Absorbed power



Characteristic curves

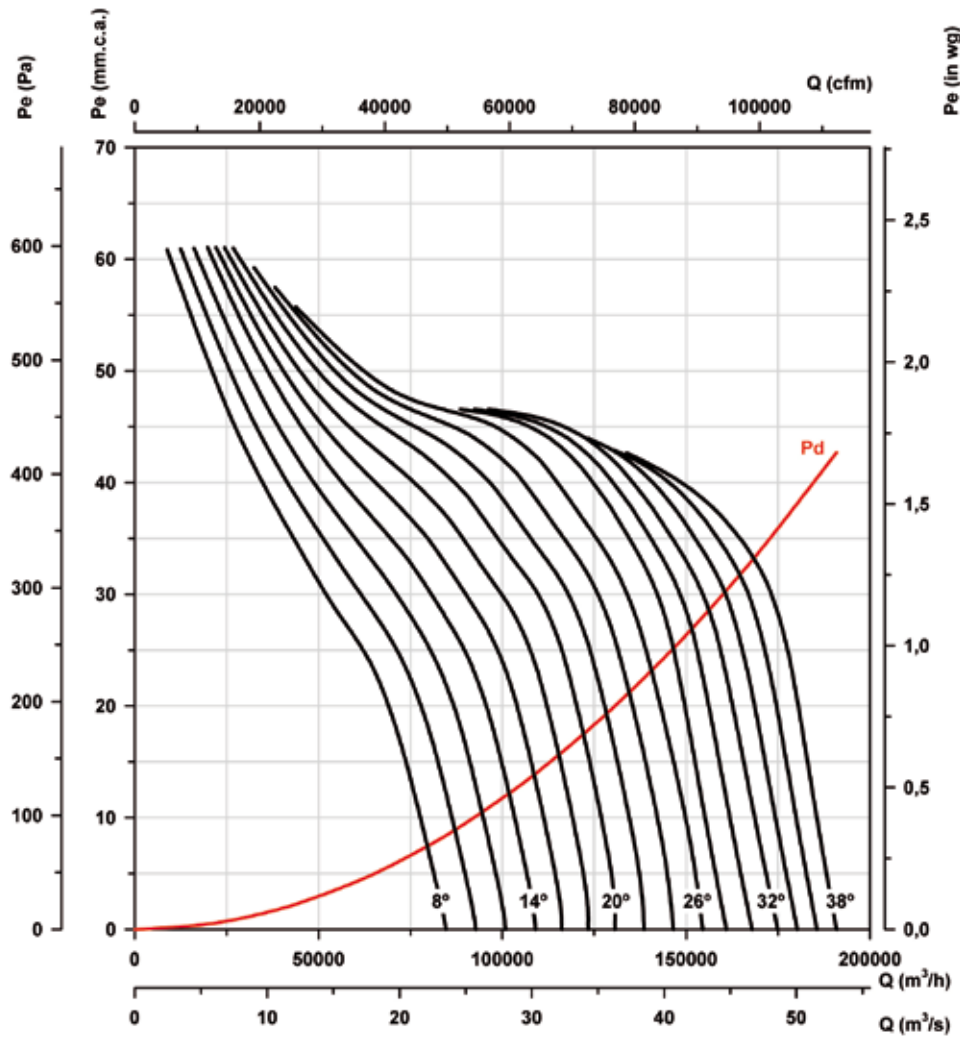
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

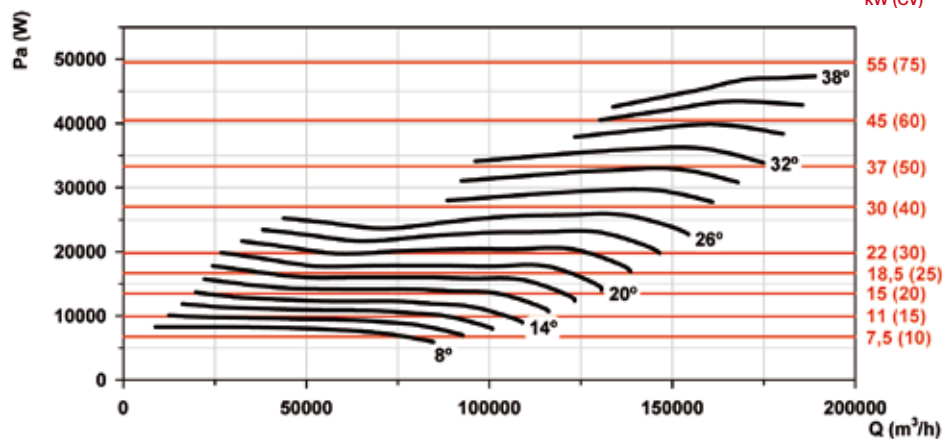
Number of poles: 8

Number of blades: 6



Absorbed power

Recommended
motor power
kW (CV)



Characteristic curves

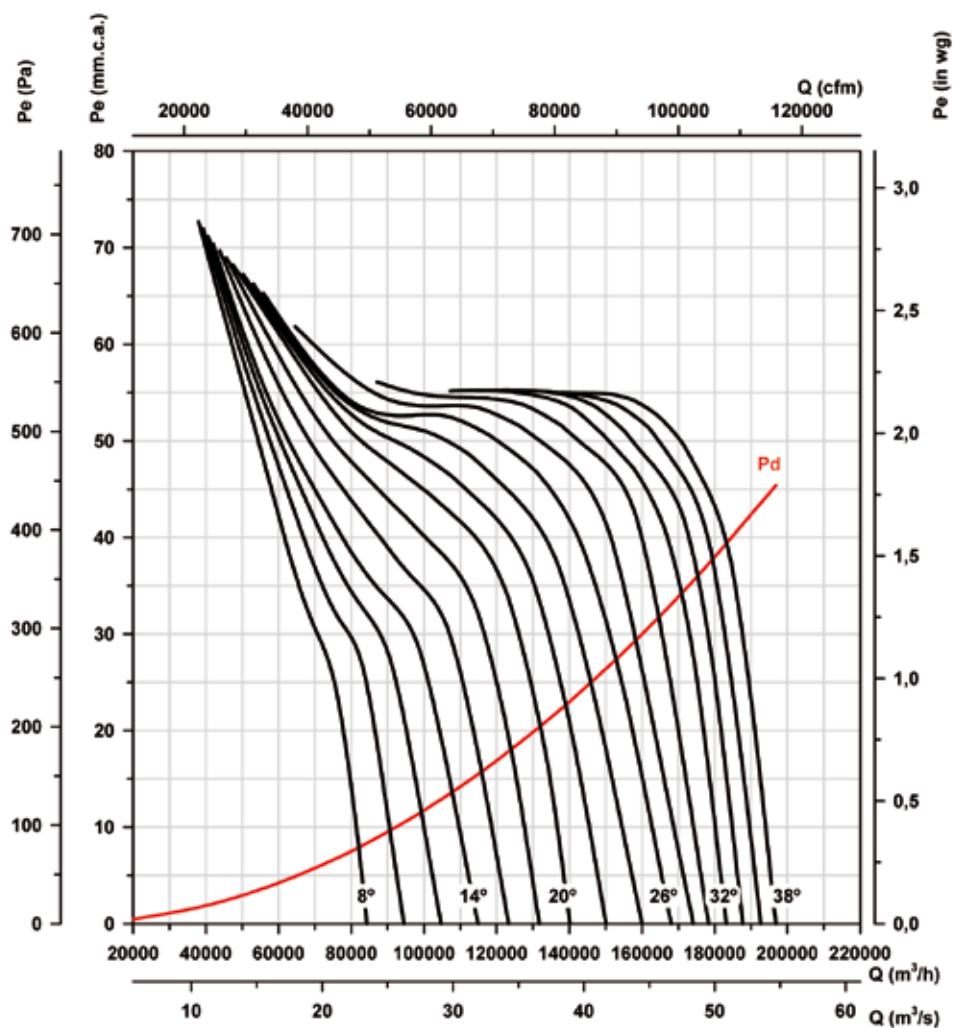
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

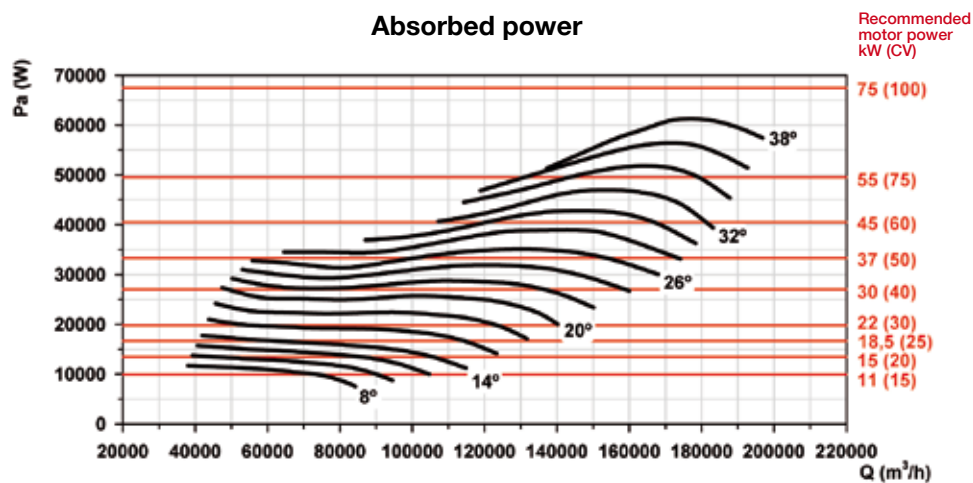
Impeller diameter (cm): 160

Number of poles: 8

Number of blades: 9



Absorbed power



Accessories

See accessories section.



KIT SOBREPRESIÓN

The system of pressurisation of staircases, escape routes or of confinement makes it possible to control the airflow automatically and to maintain a differential pressure of 50 Pa in a single stage, according to standard UNE EN 12101-6-2006.

STAIRWELL OVERPRESSURE KIT
For equipment three-phase



STAIRWELL OVERPRESSURE KIT
For equipment single-phase



OVERPRESSURE KIT WITH
RESERVE FAN



STAIRWELL OVERPRESSURE KIT

- Stairwell overpressure kit made up of control panel (BOXPRES KIT) and outlet units (CJHCH or CJBD), for the pressurisation of the stairwells and escape routes. Available for single-phase equipments NEOLINEO and CJBC.

KIT SOBREPRESIÓN WITH RESERVE FAN

- Overpressure kit with reserve fan, made up of control panel (BOXPRES KIT II), which incorporates a system of automatic switching to keep the overpressure in the case of a stop by the main fan and TWIN or CJHCH/DUPLEX air outlet units with reserve fan.

BOXPRES



- Easy to install
- Compact and self-sufficient solution
- Preventive maintenance
- Easy starting
- Safe and functional installation



- The proper operation of the pressurisation systems depends not only on correct design but also on the proper regulation carried out by the system with the result that it is of vital importance to have calibrated and highly-precise regulation elements which make it possible to have the two situations in the case of fire, in a rapid and stable manner.
- The BOXPRES control panel, apart from satisfying the most demanding requirements, simplifies the work of the installer to the greatest possible extent.

Includes:

- Frequency variator programmed to 50 Pa
- Differential pressure probe
- Magneto thermal
- Line LED and fault
- Check button

BOXPRES is a piece of equipment with all its interconnections made and tested

- Ready to work and carry out its duties on the pressure control of the installation.
- Possibility of checking the installation so as to prevent faults
- Only the power cable, the impulsion fan and the fire signal should be connected.

Panels for single-phase units include:

- Frequency regulator programmed to 50 Pa
- Externally fitted differential pressure probe.

Order code

KIT SOBREPRESIÓN — 7.100 — 60Hz

Kit sobrepresión: Overpressure set for staircases
Kit sobrepresión II: Overpressure set with reserve fan

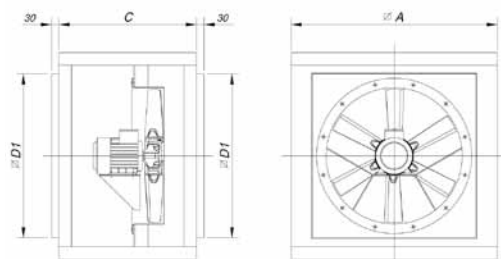
Maximum airflow

Technical characteristics

Model	Power supply	Output	Outlet unit	Airflow (m³/h)	Irradiated * sound level dB(A)
KIT SOBREPRESION-1060-LED	230 Vac II	230 Vac II	NEOLINEO-200	1060	38
KIT SOBREPRESION-2300-LED	230 Vac II	230 Vac II	NEOLINEO-315	2300	47
KIT SOBREPRESION-2880-LED	230 Vac II	230 Vac II	CJBC-2828-6M 1/3	2880	61
KIT SOBREPRESION-7100-LED	230 Vac II	230 Vac III	CJHCH-45-4T-0,5	7100	55
KIT SOBREPRESION-7800-LED	230 Vac II	230 Vac III	CJBD-3333-6T -1,5	7800	55
KIT SOBREPRESION-12900-LED	230 Vac II	230 Vac III	CJHCH-56-4T-1	12900	60
KIT SOBREPRESION-17000-LED	230 Vac II	230 Vac III	CJHCH-63-4T-1,5	17000	61
KIT SOBREPRESION-7100-BOX	400 Vac III	400 Vac III	CJHCH-45-4T-0,5	7100	55
KIT SOBREPRESION-7800-BOX	400 Vac III	400 Vac III	CJBD-3333-6T -1,5	7800	55
KIT SOBREPRESION-12900-BOX	400 Vac III	400 Vac III	CJHCH-56-4T-1	12900	60
KIT SOBREPRESION-17000-BOX	400 Vac III	400 Vac III	CJHCH-63-4T-1,5	17000	61
KIT SOBREPRESION II-6240-BOX	400 Vac III	400 Vac III	TWIN-12/12-6T-1,5	6240	55
KIT SOBREPRESION II-9520-BOX	400 Vac III	400 Vac III	TWIN-15/15-6T-3	9520	54
KIT SOBREPRESION II-12900-BOX	400 Vac III	400 Vac III	CJHCH/DUPLEX-56-4T-1-H	12900	60
KIT SOBREPRESION II-17000-BOX	400 Vac III	400 Vac III	CJHCH/DUPLEX-63-4T-1,5-H	17000	61
SONDA TPDA SI-PRESIÓN c/DISPLAY					
SONDA TPDA 984M.523 P04					
SONDA TPDA 984M.523 P14 LED					
BOXPRES KIT-3A 230Vac	230 Vac II	230 Vac II			
BOXPRES KIT-10A 230Vac	230 Vac II	230 Vac II			
BOXPRES KIT-0,75KW 230Vac	230 Vac II	230 Vac III			
BOXPRES KIT-1,5KW 230Vac	230 Vac II	230 Vac III			
BOXPRES KIT-0,75KW 400Vac	400 Vac III	400 Vac III			
BOXPRES KIT-1,5KW 400Vac	400 Vac III	400 Vac III			
BOXPRES KIT-2,2KW 400Vac	400 Vac III	400 Vac III			
BOXPRES KIT II - 1,5KW 400Vac	400 Vac III	400 Vac III			
BOXPRES KIT II - 2,2KW 400Vac	400 Vac III	400 Vac III			

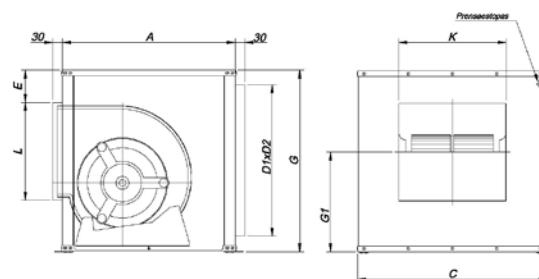
Dimensions in mm

CJHCH



Model	∅A	C	∅D1
CJHCH-40/45/50	700	550	565
CJHCH-56/63	825	550	690

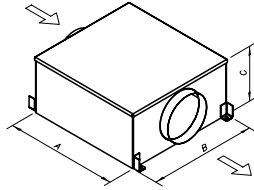
CJBD



Model	Equiv. inches	A	B	C	E	D1xD2	G1	L	K
CJBD-3333	12/12	650	650	700	92	556X606	379	358	400

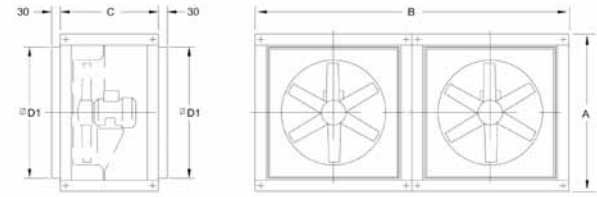
Dimensions in mm

TWIN



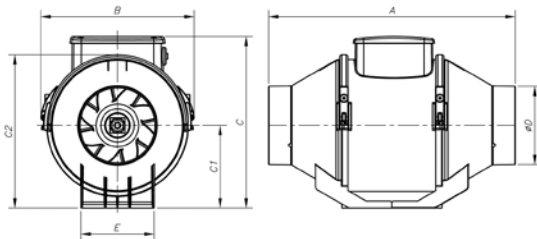
Model	A	B	C
TWIN-12/12	1103	1139	610
TWIN15/15	1279	1639	698

CJHCH/DUPLEX



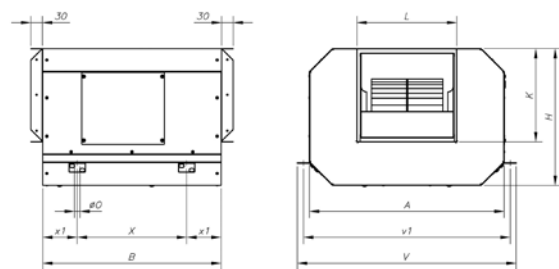
Model	ØA	B	C	ØD1
CJHCH/DUPLEX-56/63	825	1650	550	690

NEOLINEO



Model	A	B	C	C1	C2	øD	E
NEOLINEO-200	300	234,5	260,5	125,5	235	196	140
NEOLINEO-315	448	361,5	392,5	188,5	359	312	220,5

CJBC



Model	A	B	H	K	L	øO	V	v1	X	x1
CJBC-2828-6M -1/3	696	645	460	290	320	15	755	725	445	100

BOXPRESS KIT SOBREPRESIÓN

Technical characteristics and measurements

Model	Power kW	Power supply (V/Hz)	Output (V/Hz)	Output current (A)	Size	Measurements (L x W x D)
BOXPRES KIT-3A 230Vac	-	380 Vac II	380 Vac II	3	-	255 x 170 x 140 mm
BOXPRES KIT-10A 230Vac	-	380 Vac II	380 Vac II	10	-	255 x 170 x 140 mm
BOXPRES KIT-0,75kW 230Vac	0.75	220 V II / 60Hz	220 V II / 60Hz	4.3	1	270x270x170mm
BOXPRES KIT-1,5kW 230Vac	1.5	220 V II / 60Hz	220 V II / 60Hz	7	1	270x270x170mm
BOXPRES KIT-0,75KW 400Vac	0.75	380 V III / 60Hz	380 V III / 60Hz	2.2	1	270x270x170mm
BOXPRES KIT-1,5KW 400Vac	1.5	380 V III / 60Hz	380 V III / 60Hz	4.1	1	270x270x170mm
BOXPRES KIT-2,2KW 400Vac	2.2	380 V III / 60Hz	380 V III / 60Hz	5.8	2	360x360x205mm

BOXPRES KIT-3A / KIT-10A

Connection of power and motor

Regulator

Probe

Pressure connection

Stuffing-box for cable input to equipment Size 1

M 20 x 1,5mm

Connection of power and motor

M 12 x 1,5mm

Fire signal connection

Pressure connection

Stuffing-box for cable input to equipment Size 2

M 20 x 1,5mm

Connection of power and motor

M 12 x 1,5mm

Fire signal connection

Pressure connection

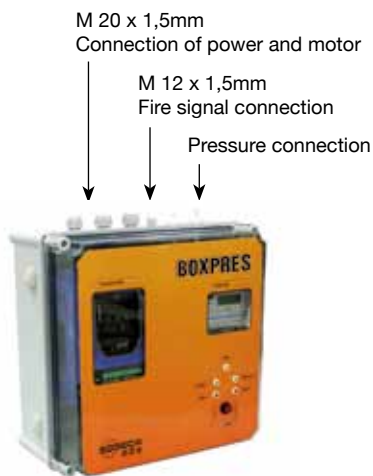
BOXPRES KIT SOBREPRESIÓN II

For equipment with reserve fan.

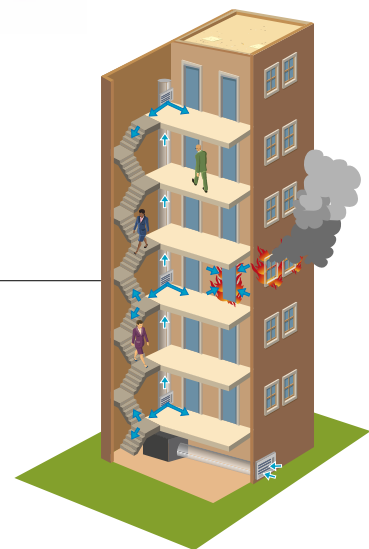
Technical characteristics and measurements

Model		Power kW	Power supply (V/Hz)	Output (V/Hz)	Output cur- rent (A)	Size	Measurements (L x W x D)
BOXPRES KIT II - 1,5KW	400Vac	1.5	380 V III / 60Hz	380 V III / 60Hz	4.1	1	270 x 270 x 170 mm
BOXPRES KIT II - 2,2KW	400Vac	2.2	380 V III / 60Hz	380 V III / 60Hz	5.4	2	360 x 360 x 205 mm

* The two motors never work simultaneously

**Stuffing-box for cable input to equipment
Size 1****Stuffing-box for cable input to equipment
Size 2****Example of use**

Overpressure smoke control method; this system consists of pressurization by means of the injection of air in spaces which are used as escape routes for people in case of fire, such as stair wells, passageways, corridors, elevators, etc. Above all in densely occupied tall buildings. This method is based on smoke control by means of the speed of air and the artificial barrier which is created by excess air pressure over smoke, so that it cannot enter escape routes.



HPX

Long cased axial fans with external motor

Long cased belt-driven axial fans with casing opening up to 180°.

Fan:

- Long casing with sheet steel twist-lock cap.
- Impellers made from cast aluminium
- Sealed transmission unit (IP66) with double retention system
- Airflow direction from motor to impeller

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors with ball bearings, IP55 protection
- 220V single-phase. 60Hz., and three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Working temperature: -25°C. + 150°C.

Finish:

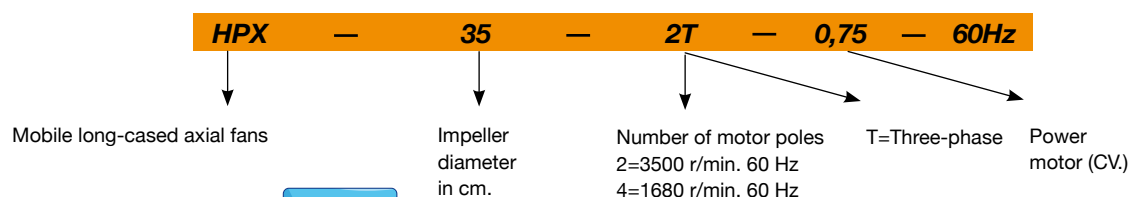
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Airflow direction from impeller to motor
- 100% reversible impellers.
- Special windings for different voltages
- ATEX Certification, category 2 (see HPX/ATEX series)



Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed Power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
HPX-35-2T-0.75	2720	2.36	1.36		0.55	4750	77	22
HPX-35-4T-0.33	1420	1.58	0.91		0.25	2500	60	20
HPX-45-4T-0.33	1200	1.58	0.91		0.25	6300	69	32
HPX-45-4T-0.50	1420	1.94	1.12		0.37	6600	70	35.5
HPX-50-4T-0.75	1310	2.51	1.45		0.55	9000	70	32.5
HPX-50-4T-1	1500	3.22	1.86		0.75	10800	71	34
HPX-56-4T-0.75	1380	2.51	1.45		0.55	11300	72	35.5
HPX-56-4T-1	1420	3.22	1.86		0.75	12200	73	35.5
HPX-56-4T-1.5	1420	4.59	2.65		1.10	14500	75	39
HPX-63-4T-1.5	1300	4.59	2.65		1.10	16000	74	59
HPX-63-4T-2	1420	5.98	3.45		1.50	17500	78	63
HPX-71-4T-1.5	1200	4.59	2.65		1.10	20300	78	73.5
HPX-71-4T-2	1350	5.98	3.45		1.50	22500	79	76.8
HPX-71-4T-3	1450	8.49	4.90		2.20	24000	81	85.2
HPX-80-4T-3	1200	8.49	4.90		2.20	29000	83	95
HPX-80-4T-4	1350	11.26	6.50		3.00	32000	84	100
HPX-80-4T-5.5	1450	14.38	8.30		4.00	40500	84	106
HPX-90-4T-5.5	1280	14.38	8.30		4.00	44000	89	118
HPX-90-4T-7.5	1400		11.40	6.60	5.50	51000	91	132
HPX-100-4T-10	1450		15.10	8.70	7.5	63000	93	159
HPX-100-4 T-15	1450		21.40	12.40	11.0	68000	94	181

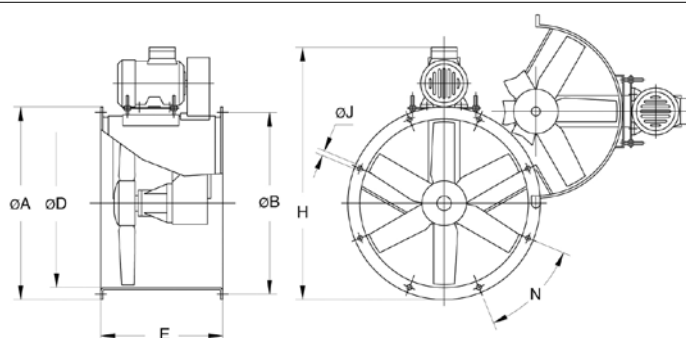
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
35-2-0,75	48	63	82	81	82	81	76	67	71-4-1,5	55	75	83	88	90	87	80	69
35-4-0,33	31	46	65	64	65	64	59	50	74-4-2	56	76	84	89	91	88	81	70
45-4-0,33	40	55	74	73	74	73	68	59	71-4-3	65	76	86	92	93	88	77	73
45-4-0,50	41	56	75	74	75	74	69	60	80-4-3	60	80	88	93	95	92	85	74
50-4-0,75	44	58	77	77	78	76	72	63	80-4-4	61	81	89	94	96	93	86	75
50-4-1	45	59	78	78	79	77	73	64	80-4-5,5	68	79	89	95	96	91	80	76
56-4-0,75	47	67	75	80	82	79	72	61	90-4-5,5	67	88	95	100	103	99	92	81
56-4-1	48	68	76	81	83	80	73	62	90-4-7,5	69	90	97	102	105	101	94	83
56-4-1,5	57	68	78	84	85	80	69	65	100-4-10	73	93	101	106	108	105	98	87
63-4-1,5	51	71	79	84	86	83	76	65	100-4-15	74	94	102	107	109	106	99	88
63-4-2	62	73	83	89	90	85	74	70									

Dimensions in mm

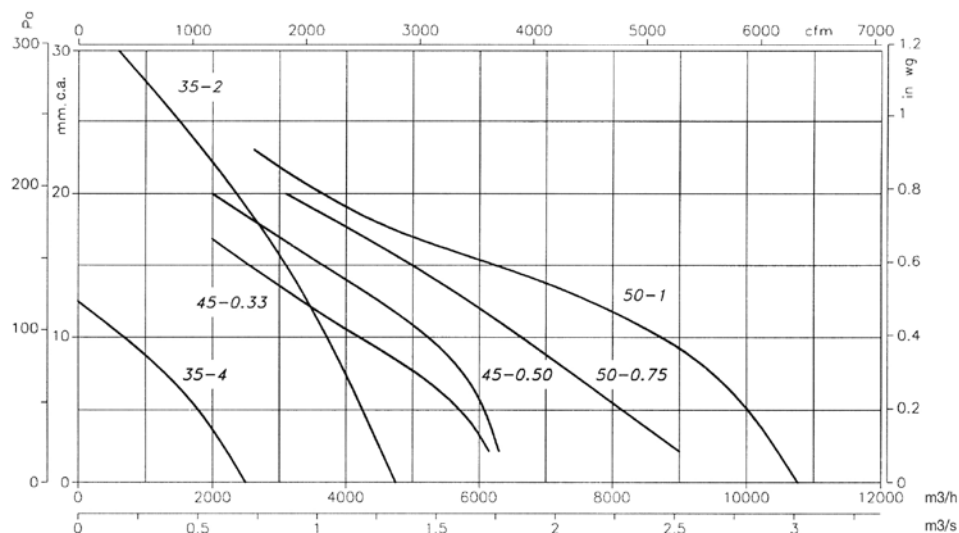


Model	ØA	ØB	ØD	E	H	ØJ	N	Model	ØA	ØB	ØD	E	H	ØJ	N
HPX-35-2T-0,75	425	395	355	380	606	10	8x45°	HPX-71-4T-1,5	810	770	710	550	1017	12	16x22°30'
HPX-35-4T-0,33	425	395	355	380	609	10	8x45°	HPX-71-4T-2	810	770	710	550	1017	12	16x22°30'
HPX-45-4T-0,33	540	500	460	420	740	12	8x45°	HPX-71-4T-3	810	770	710	550	1035	12	16x22°30'
HPX-45-4T-0,50	540	500	460	420	728	12	8x45°	HPX-80-4T-3	900	860	800	600	1173	12	16x22°30'
HPX-50-4T-0,75	600	560	512	420	803	12	12x30°	HPX-80-4T-4	900	860	800	600	1173	12	16x22°30'
HPX-50-4T-1	600	560	512	420	803	12	12x30°	HPX-80-4T-5,5	900	860	800	600	1200	12	16x22°30'
HPX-56-4T-0,75	660	620	560	450	848	12	12x30°	HPX-90-4T-5,5	1015	970	900	650	1320	15	16x22°30'
HPX-56-4T-1	660	620	560	450	848	12	12x30°	HPX-90-4T-7,5	1015	970	900	650	1320	15	16x22°30'
HPX-56-4T-1,5	660	620	560	450	870	12	12x30°	HPX-100-4T-10	1115	1070	1000	750	1483	15	16x22°30'
HPX-63-4T-1,5	730	690	640	500	950	12	12x30°	HPX-100-4T-15	1115	1070	1000	750	1513	15	16x22°30'
HPX-63-4T-2	730	690	640	500	950	12	12x30°								

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

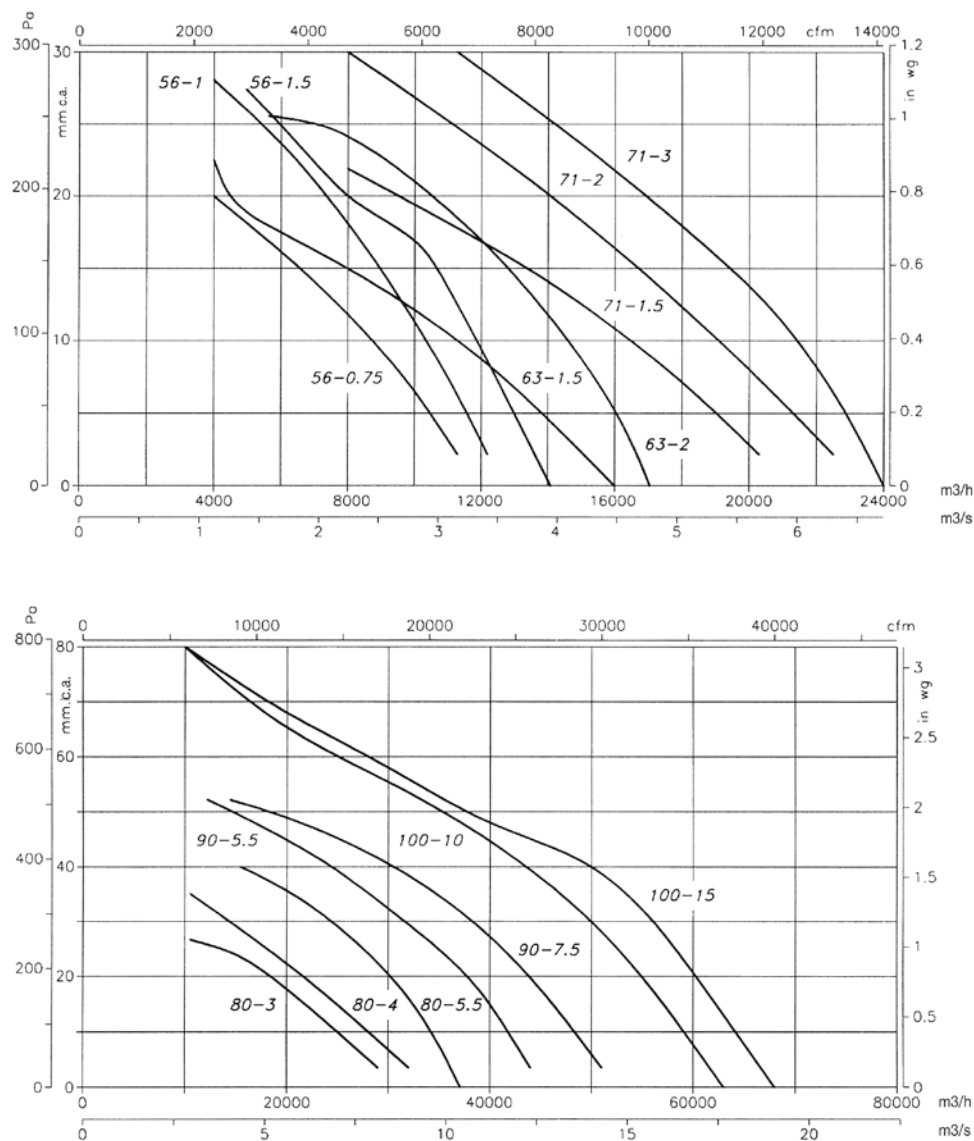
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



INT

AR

RFT/RFM

PANELS

RT

BTUB

BAC

PS

S

SI

HBA

Forked tubular axial fans with motor outside the air flow

Forked tubular fans for moving air of up to 150°C continuously and up to 200°C sporadically



Fan:

- Sheet steel long casing
- Impeller made from cast aluminium
- Airflow direction from impeller to motor

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors with ball bearings, IP-55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz (power over 5.5 CV.)
- Working temperature: -25°C. + 150°C

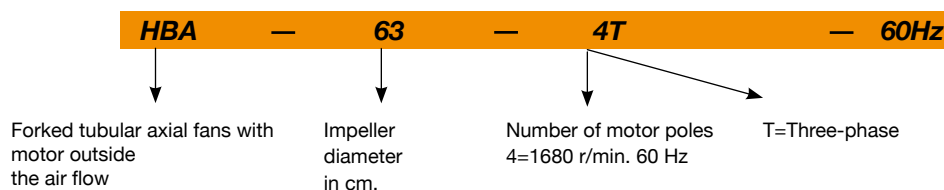
Finish:

- Anticorrosive with heat-protection paint for working in hot environments

On request:

- Casing made from stainless steel
- Hot galvanised finish
- Special windings for different voltages and motors with PTC

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)		Installed Power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V				
HBA-31-2T	3456	2.24	1.29	0.55	2900	77	25
HBA-31-2M	3372	3.5	-	0.55	2900	77	26
HBA-31-4T	1638	1.25	0.72	0.25	1600	66	24
HBA-31-4M	1656	2.15	-	0.25	1600	66	25
HBA-40-2T	3444	4.35	2.5	1.1	6200	82	45
HBA-40-2M	3372	6.8	-	1.1	6200	82	46
HBA-40-4T	1650	1.67	0.96	0.37	3200	75	40
HBA-45-2T	3504	10.09	5.8	3	8550	84	57
HBA-50-4T	1698	2.87	1.65	0.75	6750	76	73
HBA-63-4T	1722	4.17	2.4	1.1	11150	77	91
HBA-71-4T	1734	15.3	8.8	4	15850	79	164
HBA-71-6T	1086	2.75	1.58	0.55	11200	74	140
HBA-80-6T	1122	5.22	3	1.1	14900	77	190
HBA-100-6T	1122	5.22	3	1.1	21700	80	260

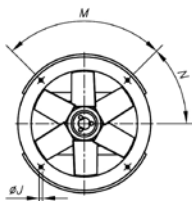
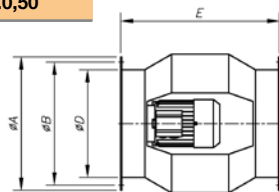
Accessories

See accessories section.

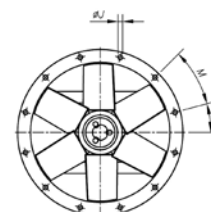
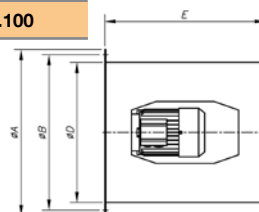


Dimensions in mm

HBA-31...0,50



HBA-63...100

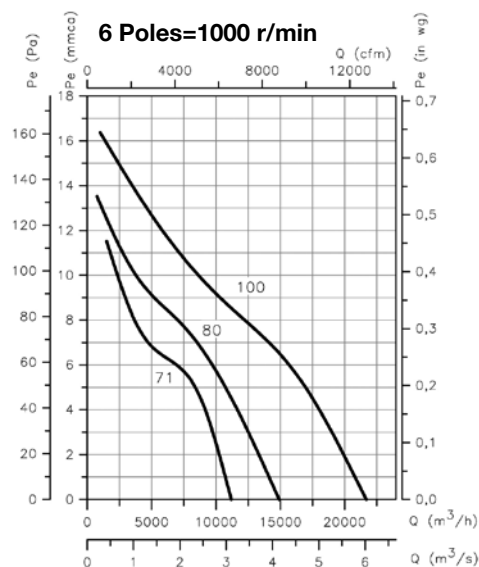
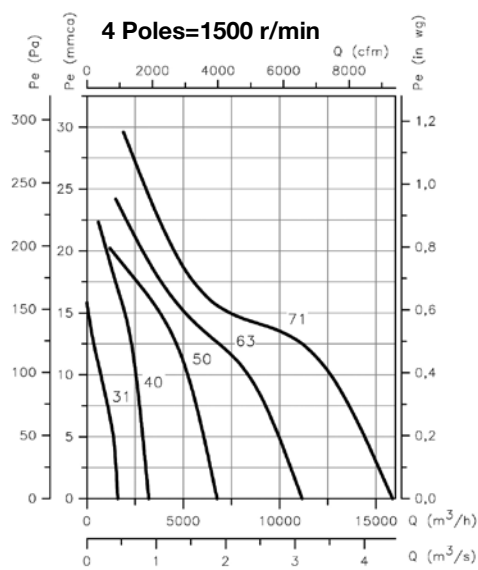
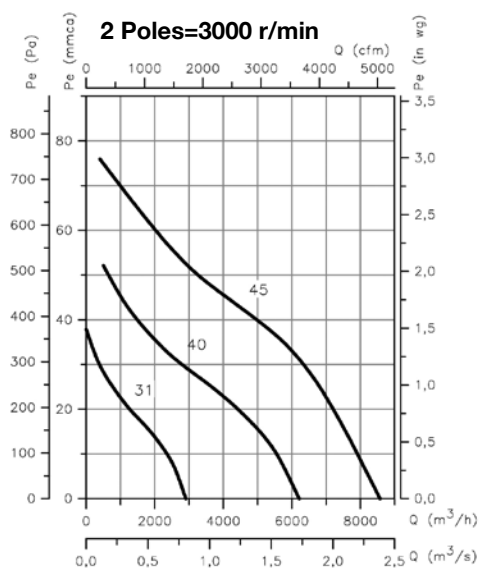


Model	ØA	ØB	ØD	E	ØJ	M	N
HBA-31	385	355	308	460	10	4x90°	45°
HBA-40	490	450	410	580	12	8x45°	22'5°
HBA-45	540	500	460	640	12	8x45°	22'5°
HBA-50	600	560	514	730	12	12x30°	15°
HBA-63	730	690	640	730	12	12x30°	15°
HBA-71	810	770	710	770	12	16x22'5°	11'25°
HBA-80	900	860	800	830	12	16x22'5°	11'25°
HBA-100	1115	1070	1000	1270	15	16x22'5°	11'25°

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



CBD CBD 3V



High-quality, robust impeller, dynamically balanced in accordance with ISO-1940

CBD: Centrifugal double-inlet fans with direct motor and impeller with forward-facing blades

CBD 3V: Centrifugal double-inlet fans with three speed motor

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- PSB base stands supplied

Motor:

- Class F closed motors with incorporated thermal protector, ball bearings and IP-54 protection
- 220V single-phase. 60Hz., and three-phase 380/660V. 60Hz 380/660V. 60Hz
- Max. air temperature to transport: -20°C.+ 60°C.

Finish:

- Anticorrosive galvanized sheet steel.

Order code

CBD	—	2525	—	4M	—	3/4	—	3V	—	60Hz
↓		↓		↓	↘	↓		↓		
CBD: Centrifugal double-inlet fans with direct motor and impeller with forward-facing blades		Impeller size in mm		Number of motor poles	T=Three-phase	Power motor (CV.)		With 3 speed motors		
		<u>mm</u> <u>inches</u>		4=1680 r/min. 60 Hz	M=Single-phase					
		1919 7/7		6=1080 r/min. 60 Hz						
		2525 9/9								
CBD 3V: Centrifugal double-inlet fans with three speed motor		2828 10/10								
		3333 12/12								
		3939 15/15								

3933 12/12

3939 15/15

Technical characteristics

60Hz

Model	Maximum speed (r/min)	Equivalent in inches	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound Level dB(A)	Approx. weight (Kg)
			220V	380V				
CBD-1919-4M 1/5	1476	7/7	1.75		0.15	1520	59	7
CBD-1919-6M 1/10	984	7/7	0.98		0.07	1230	53	7
CBD-2525-4M 1/2	1584	9/9	3.3		0.37	2800	66	13.2
CBD-2525-4M 3/4	1572	9/9	4.5		0.55	3600	70	14
CBD-2525-6M 1/5	1020	9/9	1.5		0.15	2200	60	11.5
CBD-2525-6M 1/3	996	9/9	2.4		0.25	2700	62	12.7
CBD-2828-4M 1/2	1584	10/10	3.3		0.37	2800	65	15.7
CBD-2828-4M 3/4	1572	10/10	4.5		0.55	3950	70	16.5
CBD-2828-6M 1/3	996	10/10	2.4		0.25	3200	62	15.2
CBD-2828-6M 3/4	1080	10/10	4.4		0.55	3600	64	21
CBD-3333-6T 1 1/2	1080	12/12	6.6	3.8	1.1	7800	75	24.5
CBD-3333-6M 3/4	1020	12/12	5		0.55	4900	64	23
CBD-3333-6M 1	1020	12/12	6.3		0.75	6000	71	24
CBD-3939-6T 3	1068	15/15	10.9	6.3	2.2	11900	75	39
CBD-1919-4M 1/5 3V	1476	7/7	1.75		0.15	1520	59	7
CBD-2525-4M 1/2 3V	1584	9/9	3.3		0.37	2800	66	13.2
CBD-2525-4M 3/4 3V	1572	9/9	4.5		0.55	3600	70	14
CBD-2525-6M 1/3 3V	996	9/9	2.4		0.25	2700	62	12.7
CBD-2828-4M 1/2 3V	1584	10/10	3.3		0.37	2800	65	15.7
CBD-2828-4M 3/4 3V	1572	10/10	4.5		0.55	3950	70	16.5
CBD-2828-6M 1/3 3V	996	10/10	2.4		0.25	3200	62	15.2
CBD-2828-6M 3/4 3V	1080	10/10	4.4		0.55	3600	64	21
CBD-3333-6M 3/4 3V	1020	12/12	5		0.55	4900	64	23
CBD-3333-6M 1 3V	1020	12/12	6.3		0.75	6000	71	24

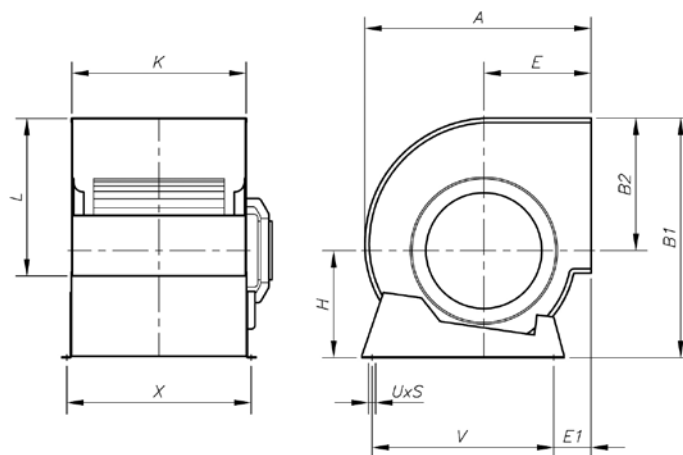
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz. Maximum speed

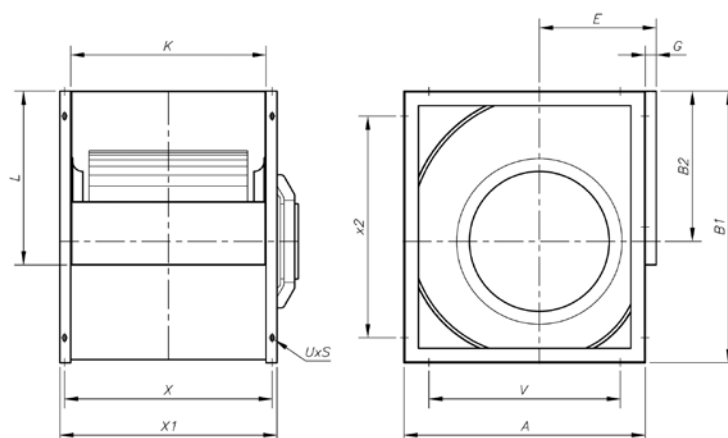
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CBD-1919-4M 1/5	29	44	55	63	65	64	63	55	CBD-1919-4M 1/5 3V	29	44	55	63	65	64	63	55
CBD-1919-6M 1/10	23	38	49	57	59	58	57	49	CBD-2525-4M 1/2 3V	36	51	62	70	72	71	70	62
CBD-2525-4M 1/2	36	51	62	70	72	71	70	62	CBD-2525-4M 3/4 3V	40	55	66	74	76	75	74	66
CBD-2525-4M 3/4	40	55	66	74	76	75	74	66	CBD-2525-6M 1/3 3V	32	47	58	66	68	67	66	58
CBD-2525-6M 1/5	30	45	56	64	66	65	64	56	CBD-2828-4M 1/2 3V	35	50	61	69	71	70	69	61
CBD-2525-6M 1/3	32	47	58	66	68	67	66	58	CBD-2828-4M 3/4 3V	40	55	66	74	76	75	74	66
CBD-2828-4M 1/2	35	50	61	69	71	70	69	61	CBD-2828-6M 1/3 3V	32	47	58	66	68	67	66	58
CBD-2828-4M 3/4	40	55	66	74	76	75	74	66	CBD-2828-6M 3/4 3V	34	48	60	68	70	69	67	60
CBD-2828-6M 1/3	32	47	58	66	68	67	66	58	CBD-3333-6M 3/4 3V	34	49	60	68	70	69	68	60
CBD-2828-6M 3/4	34	48	60	68	70	69	67	60	CBD-3333-6M 1 3V	41	56	67	75	77	76	75	67
CBD-3333-6T 1 1/2	45	60	71	79	81	80	79	71									
CBD-3333-6M 3/4	34	49	60	68	70	69	68	60									
CBD-3333-6M 1	41	56	67	75	77	76	75	67									
CBD-3939-6T 3	48	62	74	81	84	83	81	73									

Dimensions in mm

CBD- 1919...3333



CBD- 3939



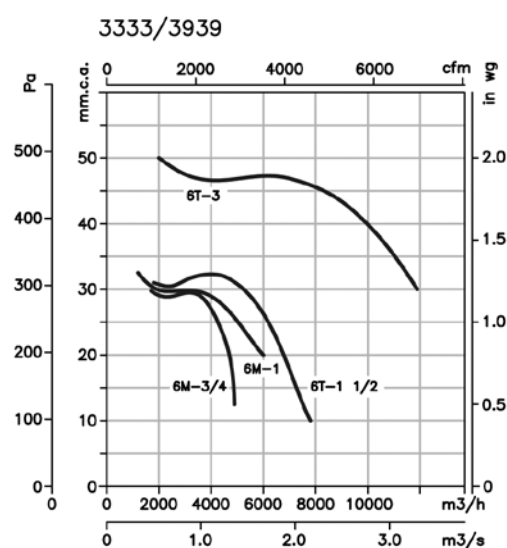
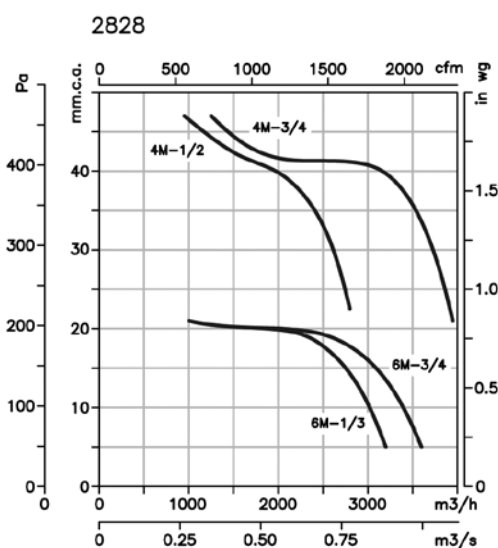
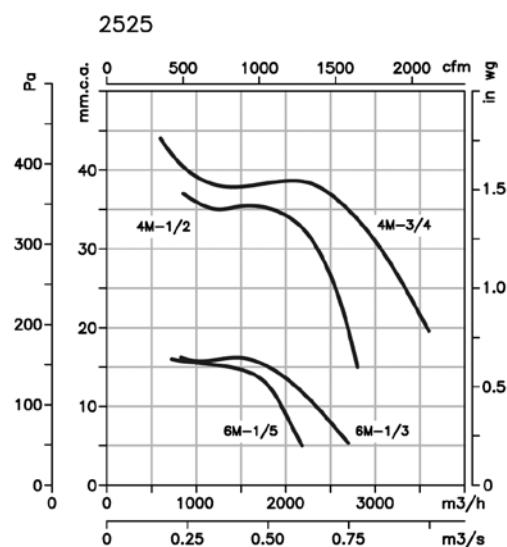
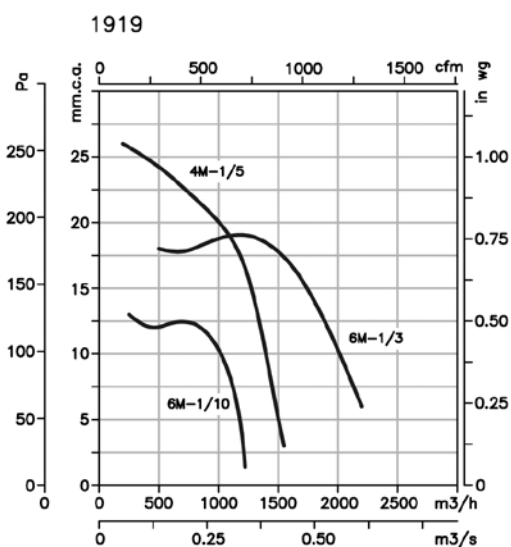
Model	Equiv. in inches	A	B1	B2	E	E1	G	H	K	L	UxS	V	X	x1	x2
CBD-1919	7/7	315	333	189	152	64	-	144	230	208	9x13	225	258	-	-
CBD-2525	9/9	380	400	218	183	78	-	182	300	263	9x13	275	328	-	-
CBD-2828	10/10	422	450	246	202	73	-	204	326	292	9x17	315	355	-	-
CBD-3333	12/12	493	526	290	230	82	-	236	387	345	9x17	390	415	-	-
CBD-3939	15/15	553	632	348	265	-	30	-	473	404	9x17	406	500	533	406

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

CBD

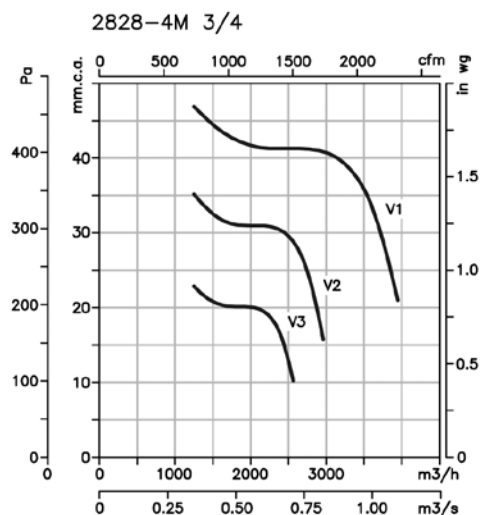
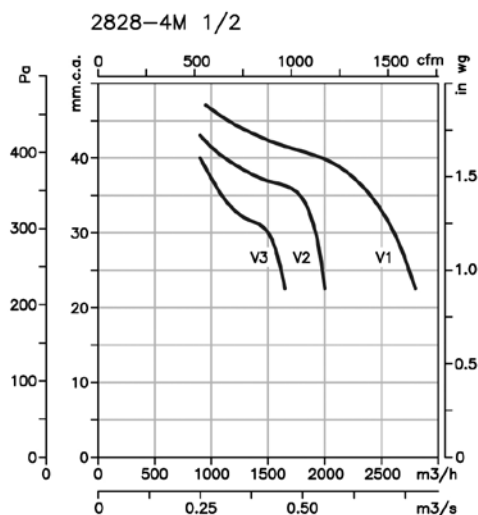
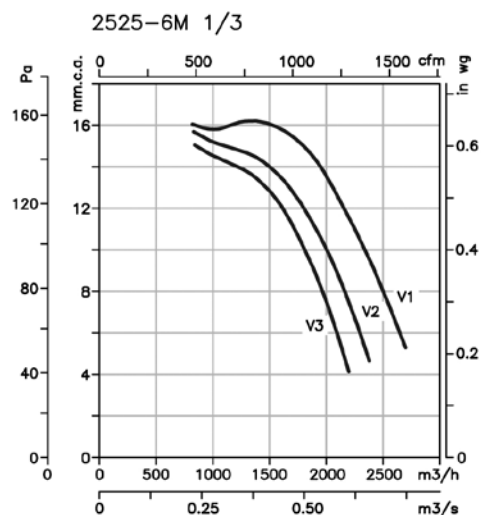
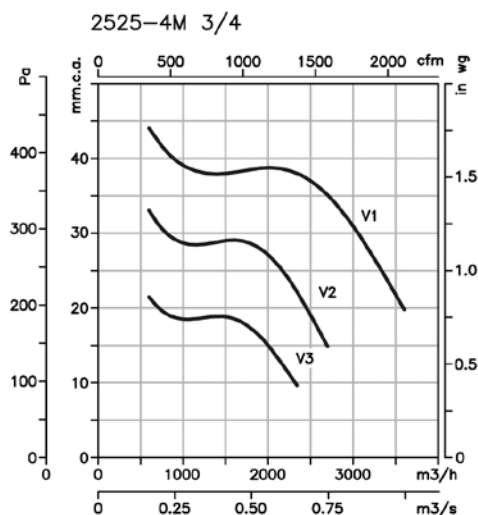
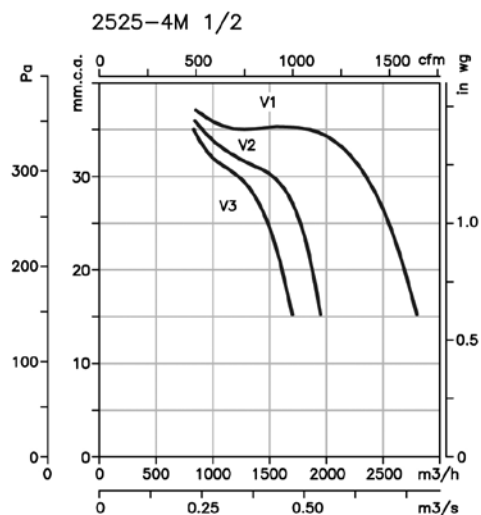
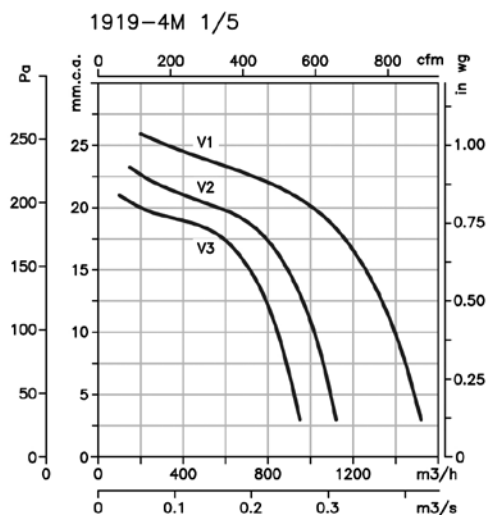


Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

CBD 3V

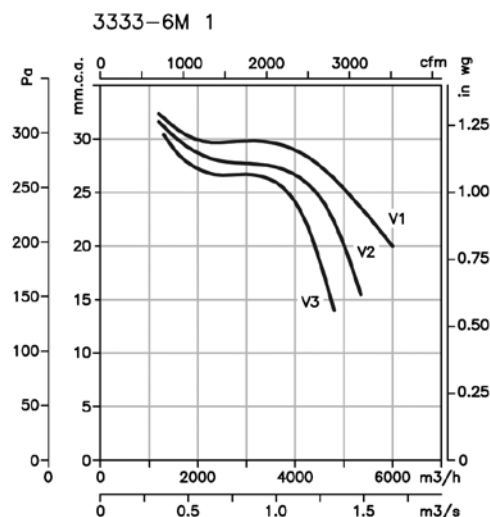
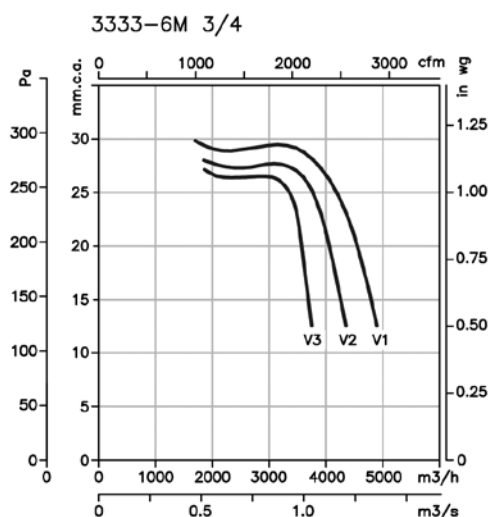
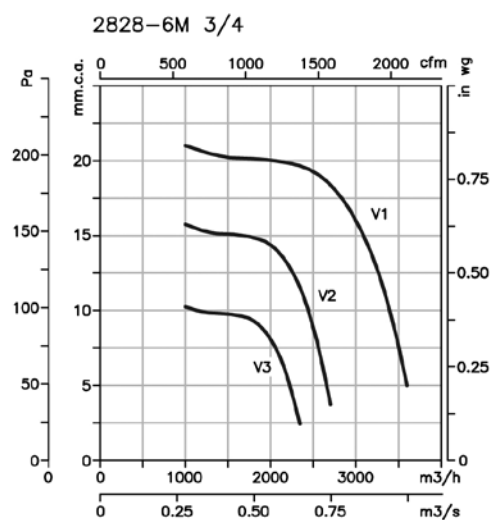
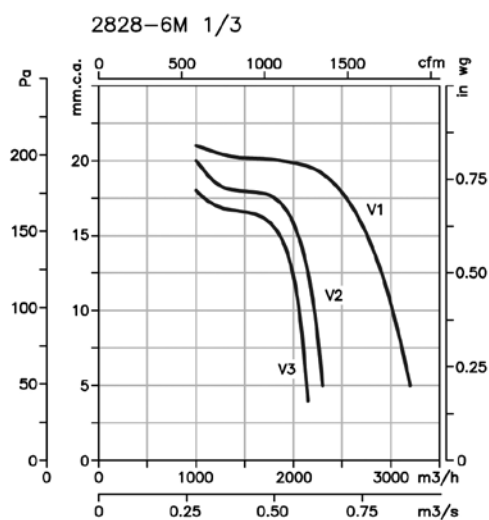


Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

CBD 3V



Accessories

See accessories section.



CJBD CJBD/AL

CJBD: Soundproofed ventilation units fitted with double-inlet fans, CBD series

CJBD/AL: Soundproofed ventilation units with aluminium profiles fitted with double-inlet fans, CBD series



CJBD



CJBD/AL

Fan:

- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Impeller with forward-facing blades made from galvanised sheet steel
- Stuffing-box for cable input
- CJBD/AL: with aluminium profiles

Motor:

- Class F closed motors with incorporated thermal protector, ball bearings and IP-54 protection
- Single-phase 220/380V. 60Hz., and three-phase 220/380V. / 380/660V. 60Hz
- Max. air temperature to transport: -20°C.+ 60°C.

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- With circular inlet



CJBD: Includes base stand to aid installation

Order code

CJBD	—	2525	—	6M	—	1/3	—	60Hz
CJBD: Soundproofed ventilation units		Impeller size in mm mm inches		Number of motor poles 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz		T=Three-phase M=Single-phase		Power motor (CV.)
CJBD/AL: With aluminium profiles		1919 7/7						
		2525 9/9						
		2828 10/10						
		3333 12/12						
		3939 15/15						

Technical characteristics

60Hz

Model			Speed	Equiv.	Maximum admissible current (A)		Installed power	Maximum airflow	Sound level	Approx. weight (Kg)	
			(r/min)	Inches	220V	380V	(kW)	(m³/h)	dB(A)	CJBD	CJBD/AL
CJBD	CJBD/AL	1919-4M 1/5	1476	7/7	1.75		0.15	1520	58	19.4	22.5
CJBD	CJBD/AL	1919-6M 1/10	984	7/7	0.98		0.07	1230	53	19.4	22.5
CJBD	CJBD/AL	2525-4M 1/2	1584	9/9	3.3		0.37	2800	66	28.1	31.8
CJBD	CJBD/AL	2525-4M 3/4	1572	9/9	4.5		0.55	3600	70	28.9	32.6
CJBD	CJBD/AL	2525-6M 1/5	1020	9/9	1.5		0.15	2200	59	26.4	30.1
CJBD	CJBD/AL	2525-6M 1/3	996	9/9	2.4		0.25	2700	61	27.6	31.3
CJBD	CJBD/AL	2828-4M 1/2	1584	10/10	3.3		0.37	2800	65	33	37.3
CJBD	CJBD/AL	2828-4M 3/4	1572	10/10	4.5		0.55	3950	70	33.8	38.1
CJBD	CJBD/AL	2828-6M 1/3	996	10/10	2.4		0.25	3200	61	32.5	36.8
CJBD	CJBD/AL	3333-6T 1 1/2	1080	12/12	6.6	3.8	1.1	7800	74	47.9	53.8
CJBD	CJBD/AL	3333-6M 3/4	1020	12/12	5		0.55	4900	63	46.4	52.3
CJBD	CJBD/AL	3333-6M 1	1020	12/12	6.3		0.75	6000	70	47.4	53.3
CJBD	CJBD/AL	3939-6T 3	1068	15/15	10.9	6.3	2.2	11900	74	71.8	80

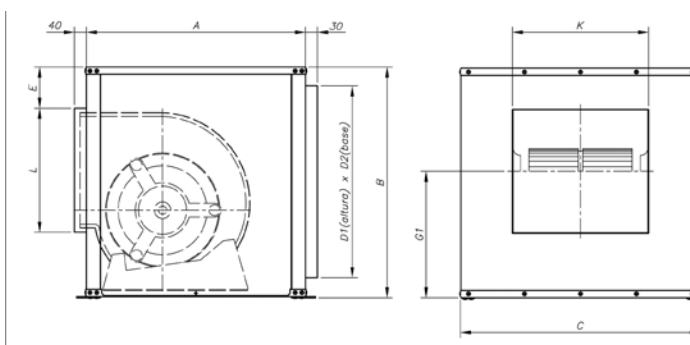
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
CJBD-1919-4M 1/5	43	54	58	62	64	63	62	53	CJBD-2828-4M 3/4	55	66	70	74	76	75	74	65
CJBD-1919-6M 1/10	38	49	53	57	59	58	57	48	CJBD-2828-6M 1/3	46	57	61	65	67	66	65	56
CJBD-2525-4M 1/2	51	62	66	70	72	71	70	61	CJBD-3333-6T 1 1/2	59	70	74	78	80	79	78	69
CJBD-2525-4M 3/4	55	66	70	74	76	75	74	65	CJBD-3333-6M 3/4	48	59	63	67	69	68	67	58
CJBD-2525-6M 1/5	44	55	59	63	65	64	63	54	CJBD-3333-6M 1	55	66	70	74	76	75	74	65
CJBD-2525-6M 1/3	46	57	61	65	67	66	65	56	CJBD-3939-6T 3	61	72	77	81	83	81	80	71
CJBD-2828-4M 1/2	50	61	65	69	71	70	69	60									

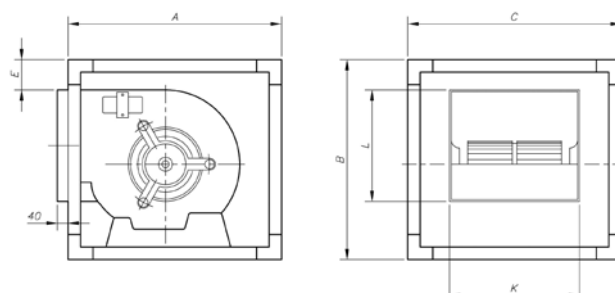
Dimensions in mm

CJBD



Model	Equiv. in inches	A	B	C	E	D1xD2	G1	L	K
CJBD-1919	7/7	450	460	500	74	364x404	278	216	238
CJBD-2525	9/9	500	522	550	74	426x454	314	268	305
CJBD-2828	10/10	550	575	600	74	479x504	353	296	330
CJBD-3333	12/12	650	650	700	74	554x604	413	346	390
CJBD-3939	15/15	800	755	800	74	659x704	475.5	411	482

CJBD/AL



Model	Equiv. in inches	A	B	C	E	L	K
CJBD/AL-1919	7/7	460	460	460	75	216	238
CJBD/AL-2525	9/9	520	520	520	75	268	305
CJBD/AL-2828	10/10	575	575	575	75	296	330
CJBD/AL-3333	12/12	650	650	650	75	346	390
CJBD/AL-3939	15/15	755	755	755	85	411	482

Characteristic Curves

See characteristic curves, CBD series.

Accessories

See accessories section.



CBX CBXC CBXR CBXT

CBX: Double-inlet, belt-driven centrifugal fans with axis outlet on both sides and impeller with forward-facing blades

CBXC: Double-inlet, belt-driven centrifugal fans with rigid cube structure to reinforce the casing

CBXR: Double-inlet, belt-driven centrifugal fans with reinforced structure and rigid bridge bearings supported on the structure

CBXT: Double-inlet, belt-driven centrifugal fans with electric motor, pulley, belt kit and standardised protectors and impeller with forward-facing blades

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- CBX and CBXC: Bearing mounted with rubber vibration dampers
- CBX: PSB base stands supplied

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Free axis with permanently greased ball bearings at each end
- Max. air temperature to transport: CBX and CBXC: -20°C.+ 80°C. CBXR: -20°C.+ 110°C.

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- CBX: Motor mounting bracket and SM belt tensing device can be supplied.



CBX



CBXC



CBXR



CBXT

Order code

CBXC — 12/12 — 60Hz



CBX: Centrifugal double-inlet fans with free axis outlet



Impeller size in inches

CBXC: Centrifugal double-inlet fans with cube structure

CBXR: Centrifugal double-inlet fans with reinforced structure

CBXT — 12/12 — 1,5 — 60Hz



CBXT: Double-inlet, belt-driven centrifugal fans fitted with electric motor



Impeller size in inches



Power motor (CV.)

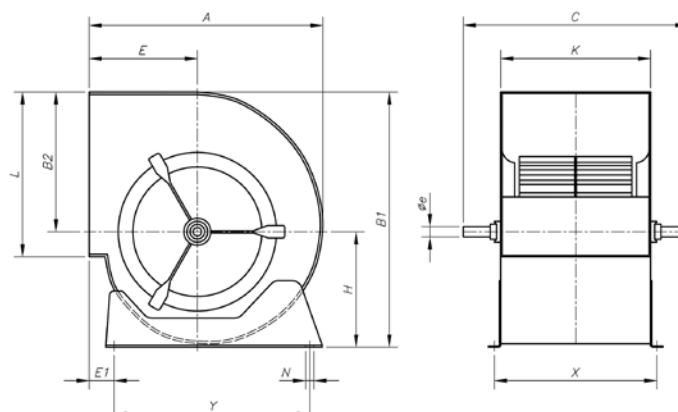
Technical characteristics

Model	Speed max. (r/min)	Equivalent Inches	Max. Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C)		Approx. weight (Kg)
					min.	max.	
CBX-1919	2500	7/7	1.1	3700	-20	+80	5.0
CBX-2525	1800	9/9	2.2	6200	-20	+80	9.0
CBX-2828	1700	10/10	3.0	7500	-20	+80	10.5
CBX-3333	1400	12/12	3.0	9500	-20	+80	15.5
CBX-3939	1000	15/15	4.0	14400	-20	+80	24.0
CBX-4747	800	18/18	5.5	23500	-20	+80	33.5
CBXC-7/7	2700		1.5	4200	-20	+80	6.0
CBXC-9/9	2100		3.0	7000	-20	+80	11.5
CBXC-10/10	1900		4.0	8400	-20	+80	13.5
CBXC-12/12	1600		4.0	10500	-20	+80	18.5
CBXC-15/15	1100		5.5	16000	-20	+80	27.5
CBXC-18/18	900		7.5	26000	-20	+80	38.5
CBXR-15/15	1200		5.5	16000	-20	80	28.5
CBXR-18/18	1000		7.5	26000	-20	80	40.0
CBXR-20/20	1000		11.0	28000	-20	+110	84.0
CBXR-22/22	900		15.0	34000	-20	+110	94.0
CBXR-25/25	700		15.0	46000	-20	+110	113.0
CBXR-30/28	600		18.5	60000	-20	+110	145.0

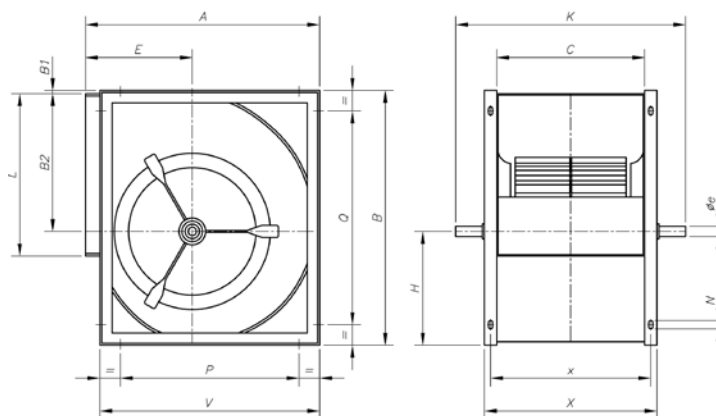
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C)		Approx. weight (Kg)	Assembly Version
		220V	380V	660V			min.	max.		
CBXT-7/7-0.25	1090	1.1	0.64		0.18	1050	-20	+80	37.0	A
CBXT-7/7-0.33	1220	1.4	0.78		0.25	1100	-20	+80	37.8	A
CBXT-7/7-0.5	1420	1.8	1.05		0.37	1250	-20	+80	39.0	A
CBXT-7/7-0.75	1600	2.5	1.45		0.55	1450	-20	+80	41.0	A
CBXT-7/7-1	1790	3.3	1.90		0.75	1500	-20	+80	42.5	A
CBXT-9/9-0.25	825	1.1	0.64		0.18	1700	-20	+80	48.0	A
CBXT-9/9-0.33	920	1.4	0.78		0.25	1800	-20	+80	50.0	A
CBXT-9/9-0.5	1020	1.8	1.05		0.37	2200	-20	+80	51.5	A
CBXT-9/9-0.75	1050	2.5	1.45		0.55	2900	-20	+80	54.5	A
CBXT-9/9-1	1070	3.3	1.90		0.75	3200	-20	+80	56.0	A
CBXT-9/9-1.5	1260	4.5	2.59		1.10	3750	-20	+80	59.0	A
CBXT-10/10-0.5	845	1.8	1.05		0.37	2950	-20	+80	55.0	A
CBXT-10/10-0.75	845	2.5	1.45		0.55	3800	-20	+80	57.0	A
CBXT-10/10-1	960	3.3	1.90		0.75	4175	-20	+80	58.5	A
CBXT-10/10-1.5	1070	4.5	2.59		1.10	4800	-20	+80	61.3	A
CBXT-10/10-2	1140	6.0	3.45		1.50	5400	-20	+80	64.6	A
CBXT-12/12-0.5	595	1.8	1.05		0.37	4200	-20	+80	69.0	A
CBXT-12/12-0.75	675	2.5	1.45		0.55	4800	-20	+80	71.0	A
CBXT-12/12-1	765	3.3	1.90		0.75	5400	-20	+80	72.4	A
CBXT-12/12-1.5	855	4.5	2.59		1.10	5800	-20	+80	75.3	A
CBXT-12/12-2	965	6.0	3.45		1.50	6500	-20	+80	78.6	A
CBXT-12/12-3	1180	8.4	4.85		2.20	7400	-20	+80	87.0	A
CBXT-15/15-0.75	525	2.5	1.45		0.55	5900	-20	+80	85.0	B
CBXT-15/15-1	595	3.3	1.90		0.75	6500	-20	+80	86.4	B
CBXT-15/15-1.5	635	4.5	2.59		1.10	7500	-20	+80	89.3	B
CBXT-15/15-2	670	6.0	3.45		1.50	8200	-20	+80	92.6	B
CBXT-15/15-3	740	8.4	4.85		2.20	9500	-20	+80	101.0	B
CBXT-15/15-4	805	11.2	6.48		3.00	10600	-20	+80	103.0	B
CBXT-15/15-5.5	965	15.0	8.65		4.00	12000	-20	+80	108.0	B
CBXT-18/18-1.5	480	4.5	2.59		1.10	9000	-20	+80	122.0	B
CBXT-18/18-2	605	6.0	3.45		1.50	9250	-20	+80	125.3	B
CBXT-18/18-3	590	8.4	4.85		2.20	11500	-20	+80	133.7	B
CBXT-18/18-4	640	11.2	6.48		3.00	13200	-20	+80	135.7	B
CBXT-18/18-5.5	675	15.0	8.65		4.00	15000	-20	+80	141.0	B
CBXT-18/18-7.5	760		11.40	6.60	5.50	17000	-20	+80	154.5	B
CBXT-20/20-2	430	6.0	3.45		1.50	11500	-20	+80	222.0	B
CBXT-20/20-3	530	8.4	4.85		2.20	12800	-20	+80	230.5	B
CBXT-20/20-4	575	11.2	6.48		3.00	14200	-20	+80	232.5	B
CBXT-20/20-5.5	635	15.0	8.65		4.00	15500	-20	+80	237.5	B
CBXT-20/20-7.5	675		11.40	6.60	5.50	17500	-20	+80	251.5	B
CBXT-20/20-10	725		14.80	8.50	7.50	20000	-20	+80	266.5	B
CBXT-22/22-2	385	6.0	3.45		1.50	14000	-20	+80	250.0	B
CBXT-22/22-3	475	8.4	4.85		2.20	15000	-20	+80	257.0	B

Technical characteristics
60Hz

Model	Speed (r/min)	Maximum admis- sible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C)		Approx. weight (Kg)	Assembly version
		220V	380V	660V			min.	max.		
CBXT-22/22-4	515	11.2	6.48		3.00	17000	-20	+80	261.0	B
CBXT-22/22-5.5	570	15.0	8.65		4.00	19000	-20	+80	265.0	B
CBXT-22/22-7.5	605		11.40	6.60	5.50	21500	-20	+80	279.0	B
CBXT-22/22-10	725		14.80	8.50	7.50	22000	-20	+80	290.0	B
CBXT-22/22-15	765		21.00	12.10	11.00	27000	-20	+80	316.0	B
CBXT-25/25-3	375	8.4	4.85		2.20	17000	-20	+80	297.0	B
CBXT-25/25-4	405	11.2	6.48		3.00	20500	-20	+80	299.0	B
CBXT-25/25-5.5	450	15.0	8.65		4.00	22000	-20	+80	304.0	B
CBXT-25/25-7.5	485		11.40	6.60	5.50	24500	-20	+80	318.0	B
CBXT-25/25-10	545		14.80	8.50	7.50	28000	-20	+80	329.0	B
CBXT-25/25-15	610		21.00	12.10	11.00	32000	-20	+80	349.0	B
CBXT-30/28-3	330	8.4	4.85		2.20	20000	-20	+80	380.0	B
CBXT-30/28-4	360	11.2	6.48		3.00	22000	-20	+80	382.0	B
CBXT-30/28-5.5	380	15.0	8.65		4.00	25000	-20	+80	387.0	B
CBXT-30/28-7.5	380		11.40	6.60	5.50	31500	-20	+80	402.0	B
CBXT-30/28-10	410		14.80	8.50	7.50	36000	-20	+80	415.0	B
CBXT-30/28-15	430		21.00	12.10	11.00	42000	-20	+80	426.0	B
CBXT-30/28-20	480		28.50	16.50	15.00	48000	-20	+80	449.0	B

Dimensions in mm
CBX


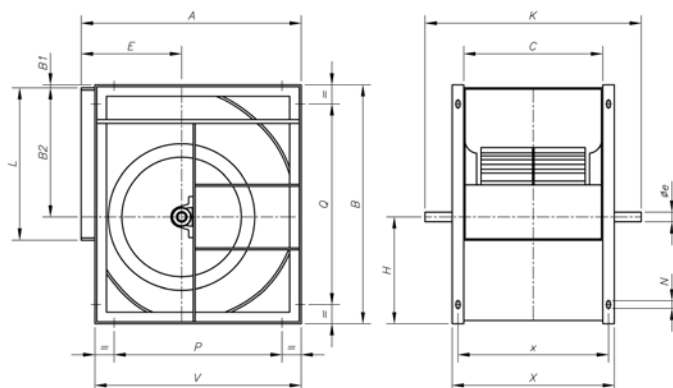
Model	Equiv. in inches	A	B1	B2	C	E	E1	H	K	L	N	øe	X	Y
CBX-1919	7/7	316	333	189	360	152	64	144	230	208	9x13	20	258	225
CBX-2525	9/9	380	400	218	430	183	78	182	300	263	9x13	20	328	275
CBX-2828	10/10	422	450	246	470	202	73	204	326	292	9x17	20	355	315
CBX-3333	12/12	493	526	290	560	230	82	236	387	345	9x17	25	415	390
CBX-3939	15/15	579	621	348	650	265	92	273	473	404	9x17	25	500	455
CBX-4747	18/18	686	746	415	750	323	82	331	540	482	9x17	25	568	575

CBXC


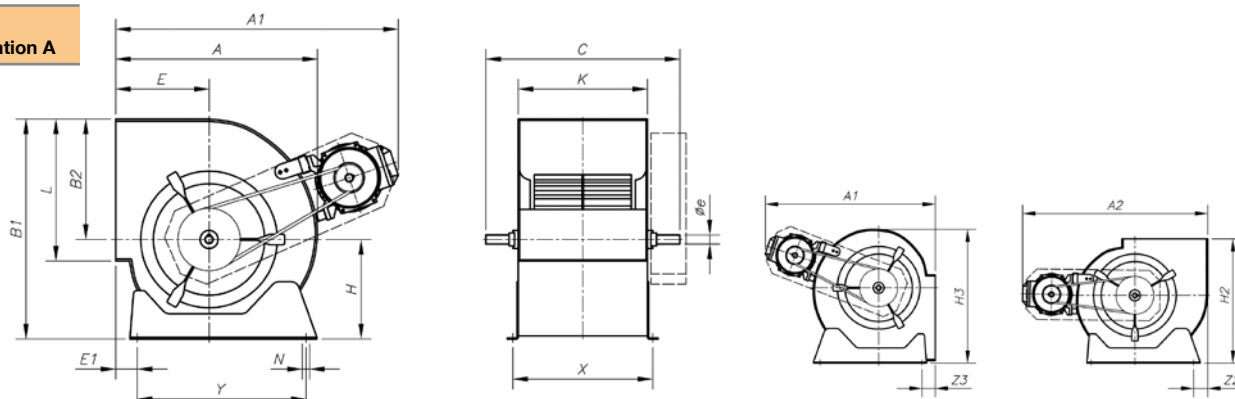
Model	A	B	B2	C	E	øe	H	K	L	N	P	Q	V	X	x
CBXC-7/7	322	342	189	230	152	20	153	360	208	9x17	148	175	292	290	262
CBXC-9/9	388	402	218	300	183	20	184	430	263	9x17	214	214	358	360	332
CBXC-10/10	428	450	246	326	202	20	204	470	292	9x17	254	254	398	386	358
CBXC-12/12	498	532	290	387	230	25	242	560	345	9x17	324	324	468	447	419
CBXC-15/15	583	632	348	473	265	25	284	650	404	9x17	406	406	553	533	505
CBXC-18/18	694	756	415	540	323	25	341	750	482	9x17	520	608	664	600	572

Dimensions in mm

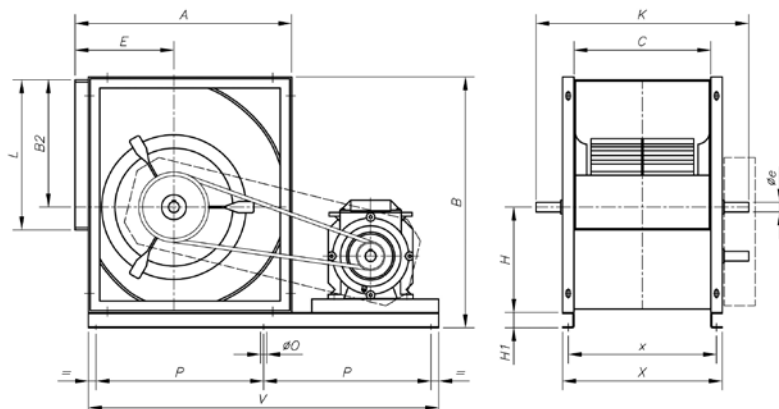
CBXR



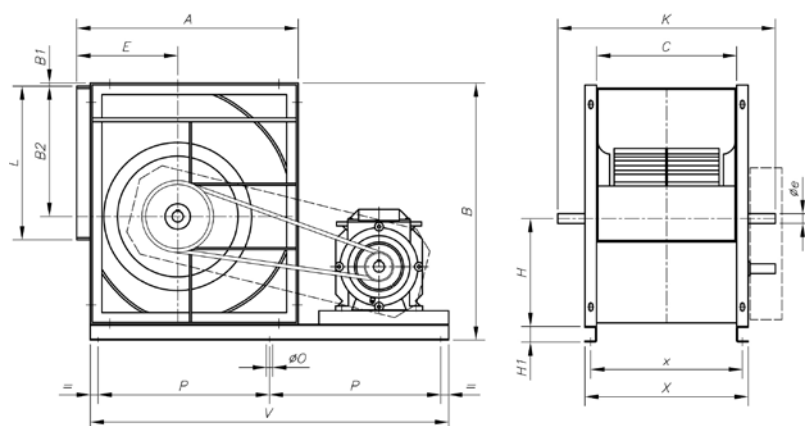
Model	A	B	B1	B2	C	E	øe	H	K	L	N	P	Q	V	X	x
CBXR-15/15	583	632	-	348	473	265	25	284	730	404	9x17	406	406	553	533	505
CBXR-18/18	694	756	-	415	540	323	25	341	800	482	9x17	520	608	664	600	572
CBXR-20/20	843	963	35	523	603	375	35	405	923	603	13x25	646	811	798	683	643
CBXR-22/22	913	1046	35	569	656	400	35	442	976	693	13x25	716	894	868	736	696
CBXR-25/25	998	1161	35	642	765	423	35	484	1085	793	13x25	801	1009	953	845	805
CBXR-30/28	1206	1400	35	776	888	515	40	589	1208	933	13x25	1009	1248	1161	968	928

CBXT
Installation A

Model	A	A1	A2	B1	B2	C	E	E1	øe	H	H2	H3	K	L	N	X	Y	Z2	Z3
CBXT-7/7-0'25	316	430	475	333	189	360	152	64	20	144	320	341	230	208	9x13	258	225	44	36
CBXT-7/7-0'33	316	450	495	333	189	360	152	64	20	144	320	341	230	208	9x13	258	225	44	36
CBXT-7/7-0'5	316	450	495	333	189	360	152	64	20	144	320	341	230	208	9x13	258	225	44	36
CBXT-7/7-0'75	316	470	515	333	189	360	152	64	20	144	320	341	230	208	9x13	258	225	44	36
CBXT-7/7-1	316	470	515	333	189	360	152	64	20	144	320	341	230	208	9x13	258	225	44	36
CBXT-9/9-0'25	380	490	535	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-9/9-0'33	380	520	565	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-9/9-0'5	380	520	565	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-9/9-0'75	380	540	585	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-9/9-1	380	540	585	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-9/9-1'5	380	590	605	400	218	430	183	78	20	182	385	395	300	263	9x13	328	275	50	57
CBXT-10/10-0'5	422	570	615	450	246	470	202	73	20	204	443	470	326	292	9x17	355	315	50	50
CBXT-10/10-0'75	422	590	635	450	246	470	202	73	20	204	443	470	326	292	9x17	355	315	50	50
CBXT-10/10-1	422	590	635	450	246	470	202	73	20	204	443	470	326	292	9x17	355	315	50	50
CBXT-10/10-1'5	422	610	655	450	246	470	202	73	20	204	443	470	326	292	9x17	355	315	50	50
CBXT-10/10-2	422	610	655	450	246	470	202	73	20	204	443	470	326	292	9x17	355	315	50	50
CBXT-12/12-0'5	493	645	690	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70
CBXT-12/12-0'75	493	665	710	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70
CBXT-12/12-1	493	665	710	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70
CBXT-12/12-1'5	493	680	725	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70
CBXT-12/12-2	493	680	725	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70
CBXT-12/12-3	493	700	745	526	290	560	230	82	25	236	498	555	387	345	9x17	415	390	35	70

Dimensions in mm
**CBXT
Installation B**


Model	A	B	B2	C	E	øe	H	H1	K	L	ø0	P	V	x	X
CBXT-15/15	583	672	348	473	265	25	284	40	650	404	12	415.5	895	505	533
CBXT-18/18	694	796	415	540	323	25	341	40	750	482	12	515.5	1115	572	600



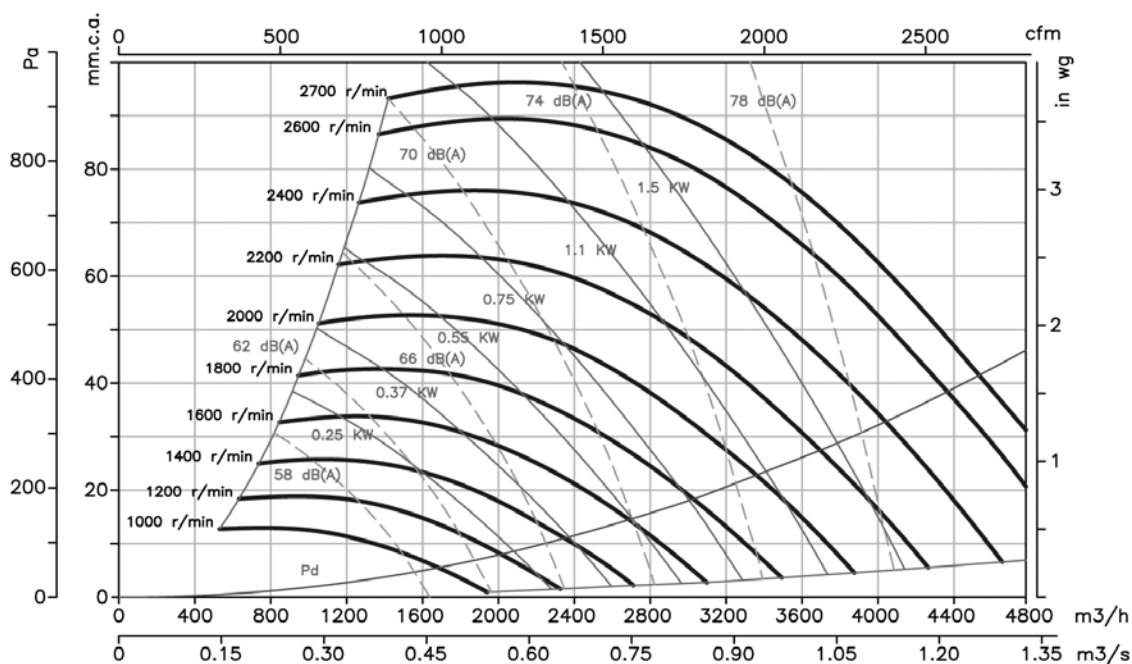
Model	A	B	B1	B2	C	E	øe	H	H1	K	L	ø0	P	V	x	X
CBXT-20/20	843	1023	35	523	603	375	35	405	60	923	603	12	617.5	1315	643	683
CBXT-22/22	913	1106	35	569	656	400	35	442	60	976	693	12	657.5	1395	696	736
CBXT-25/25	998	1221	35	642	765	423	35	484	60	1085	793	12	474.5	1575	805	845
CBXT-30/28	1206	1460	35	776	888	515	40	589	60	1208	933	12	817.5	1715	928	968

Characteristic Curves

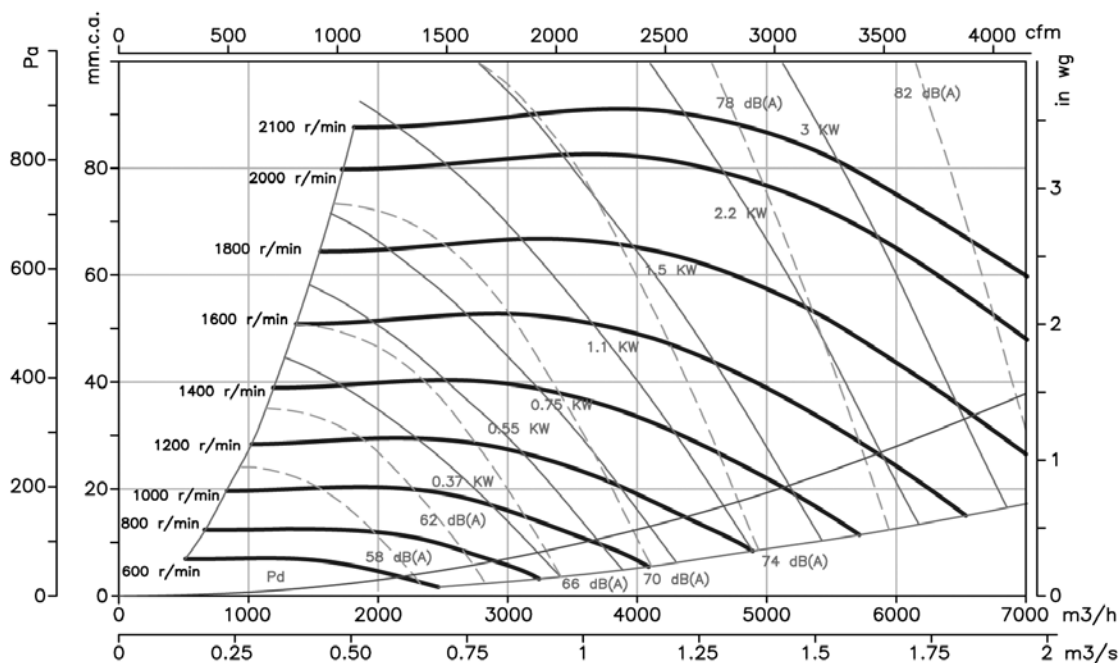
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

7/7 (1919)



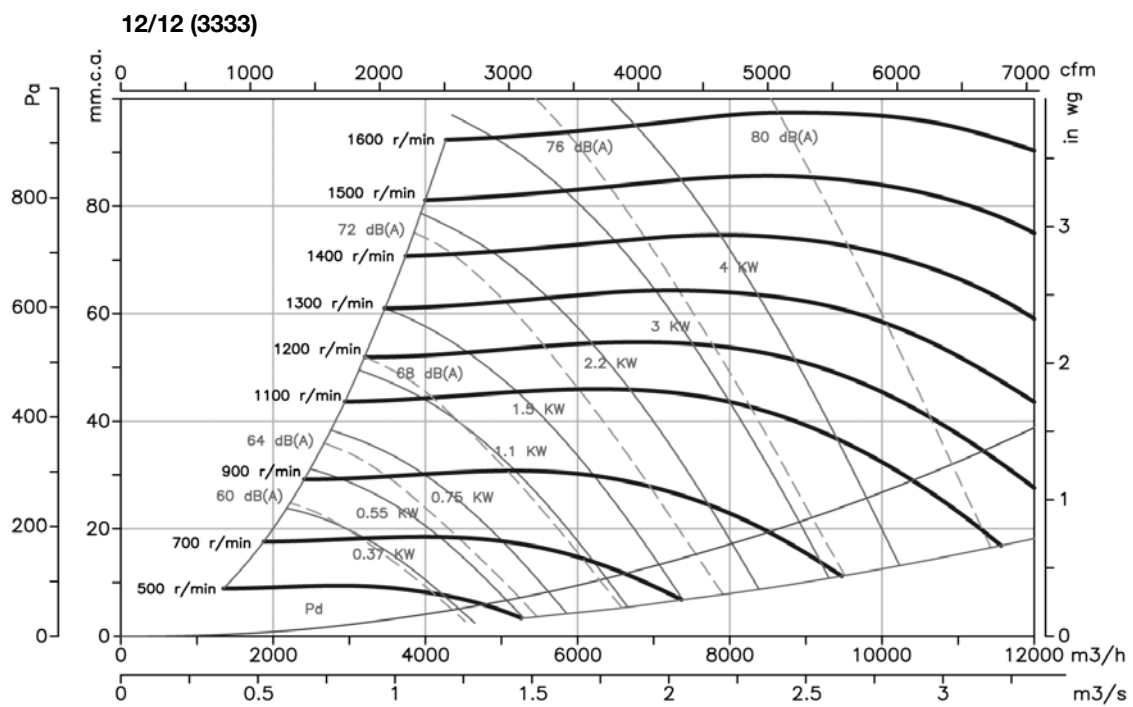
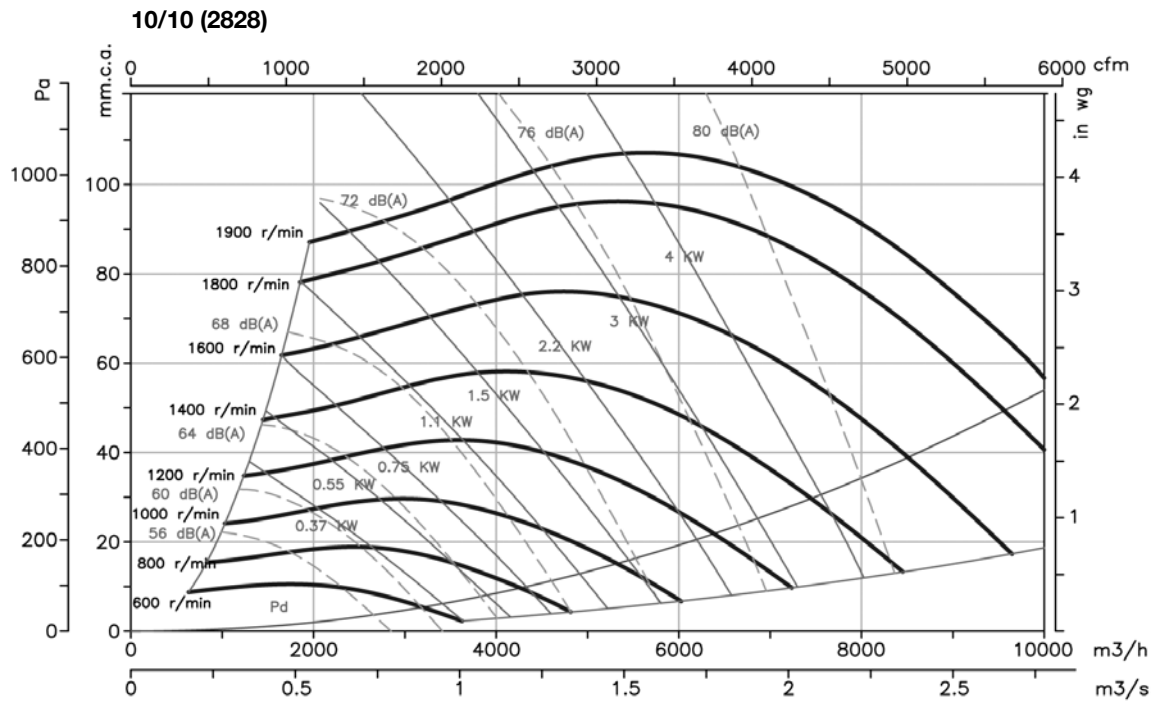
9/9 (2525)



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

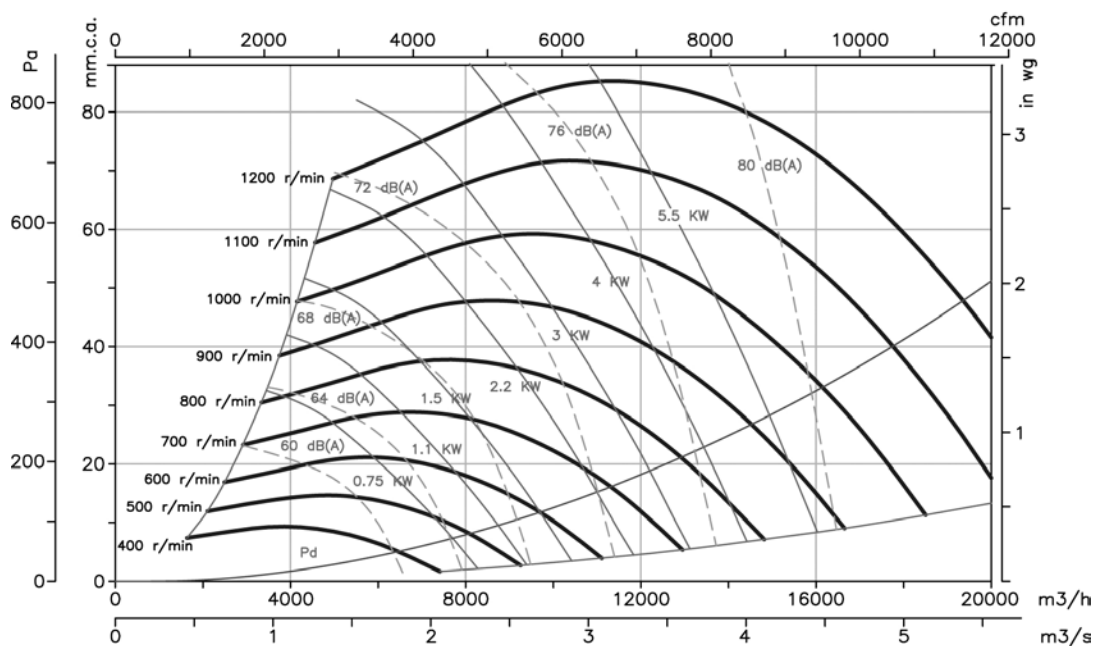


Characteristic Curves

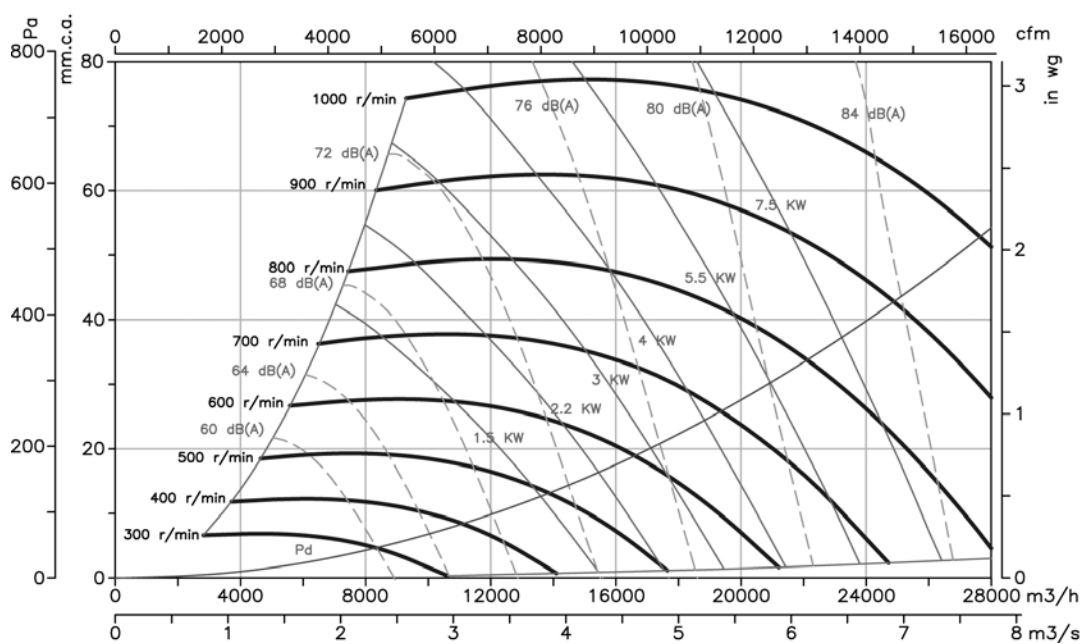
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and in wg.

15/15 (3939)



18/18 (4747)

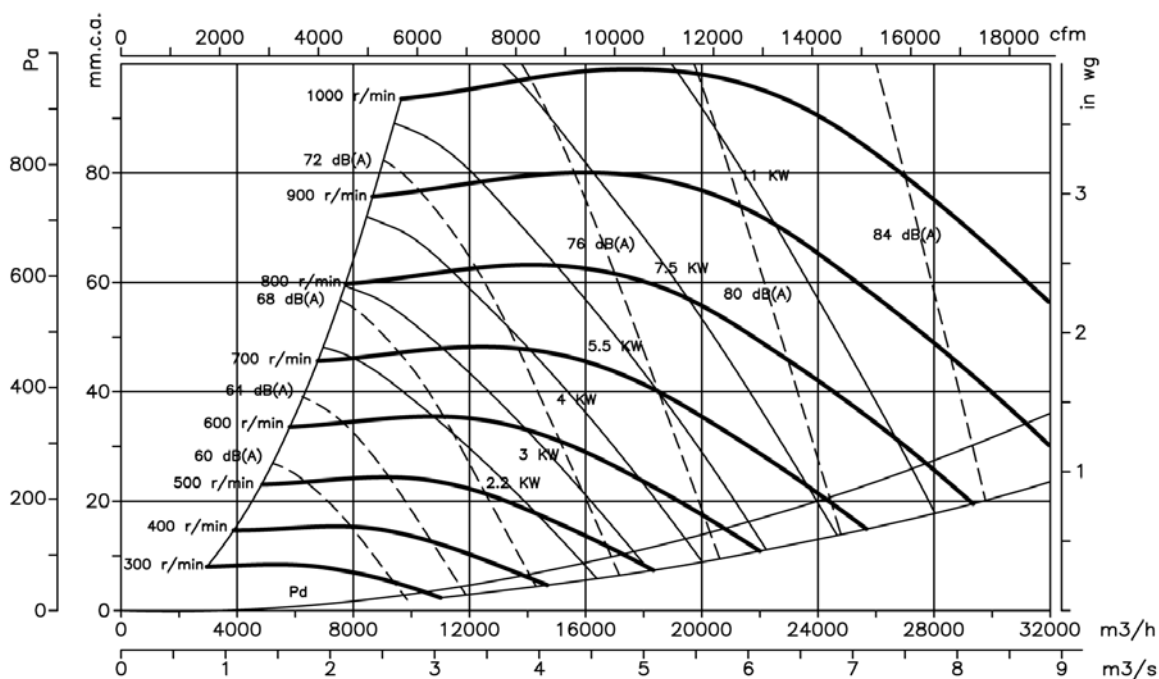


Characteristic Curves

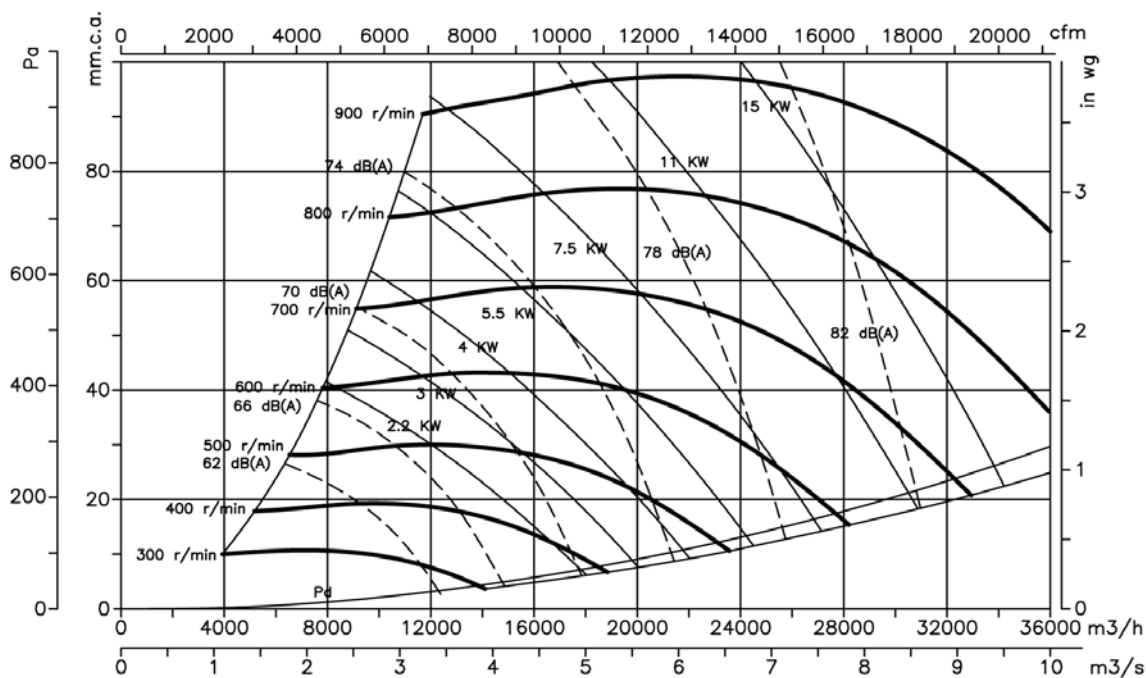
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

20/20



22/22

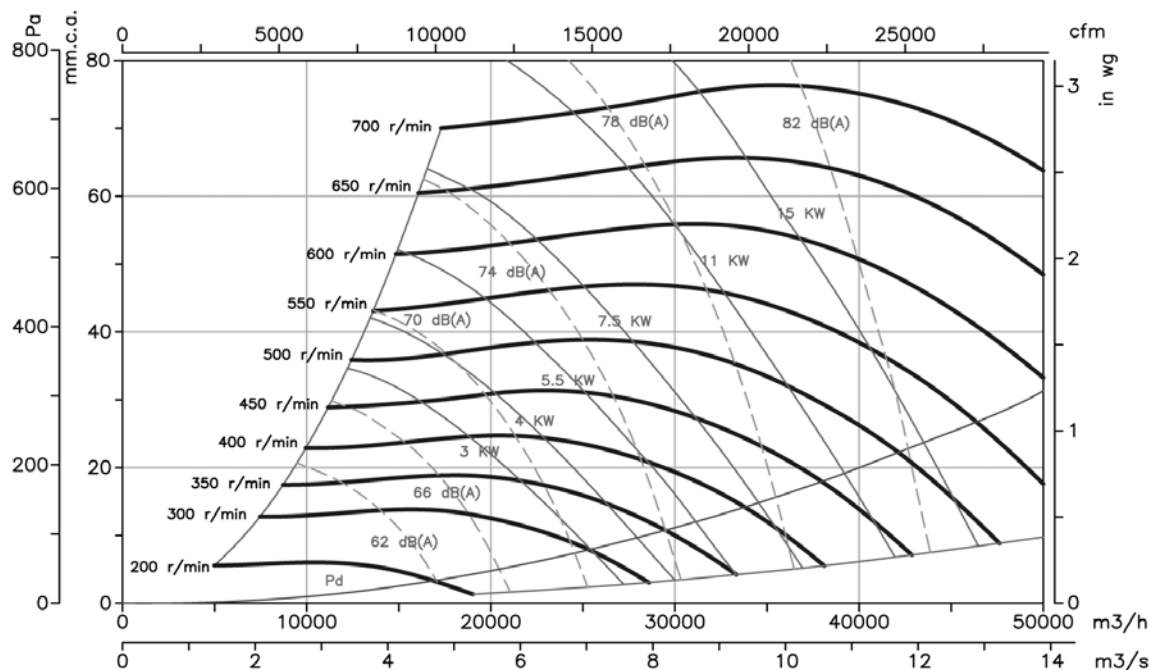


Characteristic Curves

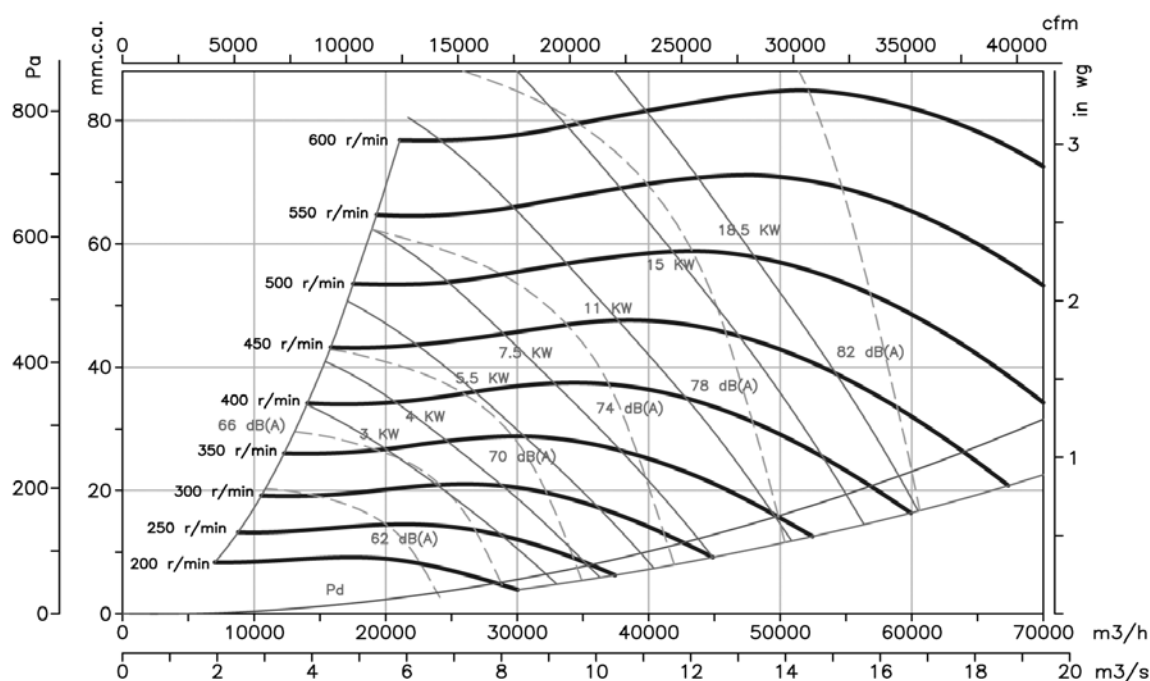
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

25/25



30/28



Accessories

See accessories section.



CMR

Robust centrifugal single-inlet, medium-pressure fans fitted with an impeller with backward-facing blades



CMR

CMR
Size
622 to 731

Different assembly positions

High-performance
and robust backward-
curved impeller.

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from robust sheet steel

Motor:

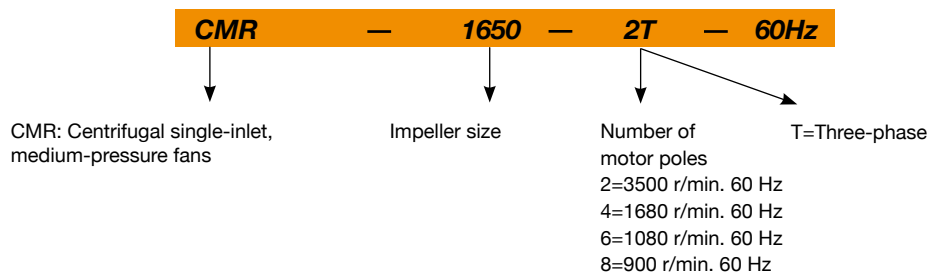
- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: -20°C.+ 120°C.

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages.
- Fan designed to transport air up to 250°C.
- Stainless steel fans
- ATEX Certification, category 2 (see CMR/ATEX series)

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CMR-622-2T	3515	1.23	0.71		0.25	1040	74	11.6
CMR-625-2T	3515	1.67	0.97		0.33	1280	75	13.7
CMR-728-2T	3515	2.45	1.42		0.50	1800	76	17.6
CMR-731-2T	3515	3.06	1.77		0.75	2350	77	22.8
CMR-1031-2T-3	3480	7.88	4.55		2.20	5950	80	44.3
CMR-1135-2T-5.5	3480	13.51	7.80		4.00	7700	83	54.9
CMR-1240-2T	3475	13.51	7.80		4.00	7650	86	93.5
CMR-1240-4T	1745	3.22	1.86		0.75	5850	71	70.5
CMR-1445-2T	3500		13.90	8.00	7.50	10800	87	126.0
CMR-1445-4T	1750	5.89	3.40		1.50	8950	72	92.5
CMR-1650-2T-15	3490		20.00	11.50	11.00	15950	89	178.0
CMR-1650-4T-3	1730	8.49	4.90		2.20	11700	74	114.0
CMR-1650-6T	1165	5.04	2.90		1.10	7850	64	114.0
CMR-1856-4T-5.5	1745	14.38	8.30		4.00	15350	79	152.0
CMR-1856-6T	1160	7.48	4.30		1.50	11100	70	146.5
CMR-2063-4T	1750		11.40	6.60	5.50	19000	80	226.0
CMR-2063-6T	1120	7.48	4.30		1.50	12300	71	208.5

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CMR-2063-8T	870	5.90	3.39		1.10	10550	65	210.5
CMR-2271-4T	1760		21.50	12.40	11.00	30200	85	315.0
CMR-2271-6T	1140	12.20	6.82		3.00	19600	76	293.5
CMR-2271-8T	865	7.10	4.08		1.50	14300	69	275.5
CMR-2380-4T	1680		41.00	23.70	22.00	48000	83	416.0
CMR-2380-6T	1080		15.40	8.90	7.50	30000	75	363.0
CMR-2380-8T	840	12.80	7.38		3.00	22000	66	317.0
CMR-2590-4T	1770		68.00	39.30	37.00	54000	86	418.0
CMR-2590-6T	1165		23.00	13.30	11.00	34000	76	378.0
CMR-28100-4T	1770		98.00	56.60	55.00	75000	87	553.0
CMR-28100-6T	1180		36.00	20.80	18.50	48000	77	521.0

Acoustic features

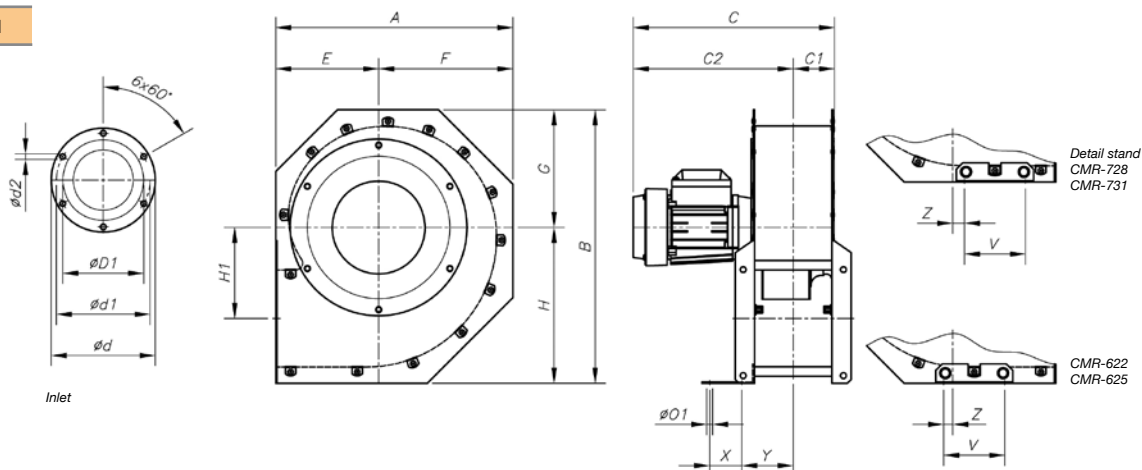
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
622-2T	59	72	72	85	80	80	80	73	1856-6	61	69	81	83	80	81	71	60
625-2T	60	73	73	86	81	81	81	74	2063-4	80	85	91	93	91	88	81	73
728-2T	61	74	74	87	82	82	82	75	2063-6	69	70	82	82	81	83	73	63
731-2T	62	75	75	88	83	83	83	76	2063-8	64	70	77	76	77	74	66	57
1031-2	65	78	78	91	86	86	86	79	2271-4	83	84	93	96	98	99	95	82
1135-2	72	79	77	89	87	93	92	79	2271-6	73	73	87	86	90	90	79	68
1240-2	68	83	81	93	90	94	96	83	2271-8	68	73	78	85	81	80	70	59
1240-4	56	70	76	79	79	80	70	59	2380-4	76	78	94	91	96	97	93	82
1445-2	73	85	83	95	93	97	99	89	2380-6	68	70	86	83	88	89	85	74
1445-4	59	72	78	83	80	83	78	64	2380-8	59	61	77	74	79	80	76	65
1650-2	73	81	85	99	97	99	99	88	2590-4	79	84	97	100	96	89	84	66
1650-4	64	74	82	84	83	85	76	66	2590-6	70	79	89	88	85	84	74	68
1650-6	53	65	72	77	73	69	62	54	28100-4	82	89	101	102	97	93	87	78
1856-4	69	78	91	87	90	91	85	71	28100-6	73	82	91	90	88	86	77	70

Dimensions in mm

CMR-622..0,731

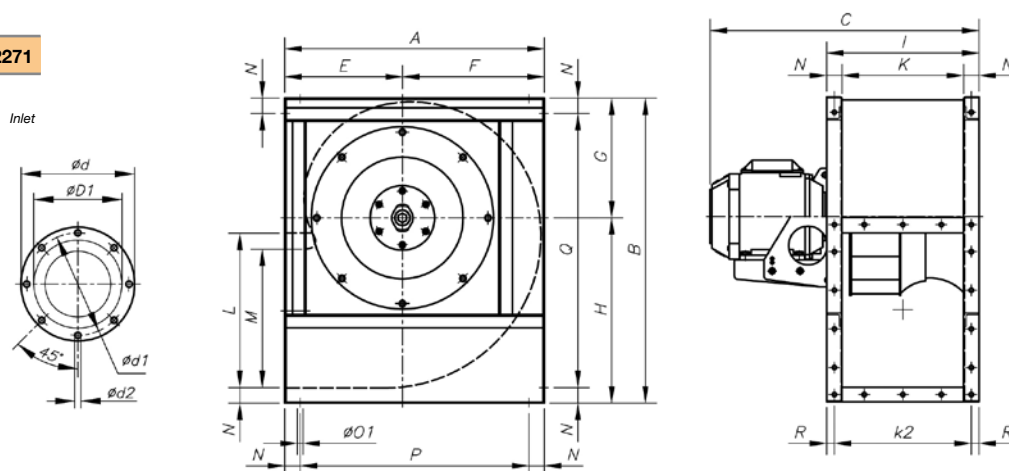


Model	A	B	C	C1	C2	øD1*	ød	ød1	ød2	E	F	G	H	H1	øO1	V	X	Y	Z
CMR-622-2T	364	415.5	338.5	64	274.5	162	284	256	9.5	160	204	178	237.5	141.5	9	95	50	80	14
CMR-625-2T	407	457	343.5	66.5	277	160	315	282	9.5	183	224	195.5	261.5	155	9	95	50	82.5	6
CMR-728-2T	453.5	506.5	357.5	72.5	285	192	354	320	9.5	205	248.5	216	290.5	176	9	95	50	88.2	6.5
CMR-731-2T	507	564	374	70	304	192	382	354	9.5	230	277	240.5	323.5	197.5	9	95	50	85.2	20.5

* Recommended nominal diameter for duct.

Dimensions in mm

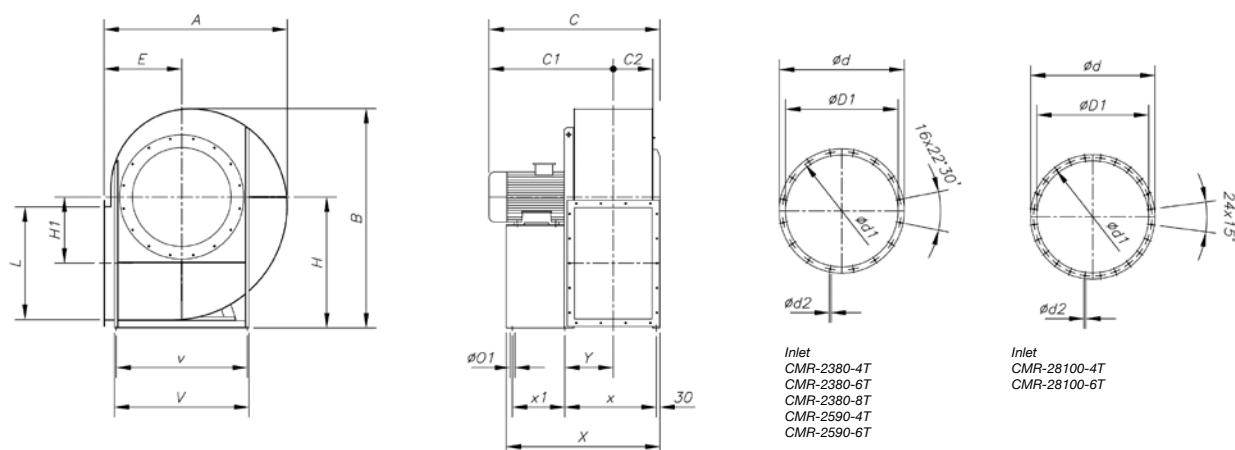
CMR-1031..0,2271



Model	A	B	C	øD1*	ød	ød1	ød2	E	F	G	H	I	K	k2	L	M	N	ø01	P	Q	R
CMR-1031-2T	542	626	567	315	383	356	M8	250	292	245	381	320	250	285	315	276	35	11	472	556	17.5
CMR-1135-2T	600	696	583	355	425	398	M8	275	325	273	423	350	280	315	355	310	35	11	530	626	17.5
CMR-1240-2T	673	790	728	400	472	444	M10	305	368	310	480	395	315	355	400	358	40	11	593	710	20
CMR-1240-4T	673	790	590	400	472	444	M10	305	368	310	480	395	315	355	400	358	40	11	593	710	20
CMR-1445-2T	765	880	810	450	522	494	M10	350	415	339	541	445	355	405	450	404	45	11	675	790	20
CMR-1445-4T	765	880	649	450	522	494	M10	350	415	339	541	445	355	405	450	404	45	11	675	790	20
CMR-1650-2T	832	970	961	500	582	555	M10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1650-4T	832	970	715	500	582	555	M10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1650-6T	832	970	695	500	582	555	M10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1856-4T	925	1084	832	560	645	615	M10	415	510	426	658	550	450	500	560	493	50	13	825	984	25
CMR-1856-6T	925	1084	771	560	645	615	M10	415	510	426	658	550	450	500	560	493	50	13	825	984	25
CMR-2063-4T	1037	1218	973	630	720	688	M10	465	572	477	741	620	500	560	630	530	60	13	917	1098	30
CMR-2063-6T	1037	1218	893	630	720	688	M10	465	572	477	741	620	500	560	630	530	60	13	917	1098	30
CMR-2063-8T	1037	1218	893	630	720	688	M10	465	572	477	741	620	500	560	630	530	60	13	917	1098	30
CMR-2271-4T	1173	1375	1126	710	800	768	M12	525	648	538	837	690	560	625	710	603	65	13	1043	1245	32.5
CMR-2271-6T	1173	1375	1039	710	800	768	M12	525	648	538	837	690	560	625	710	603	65	13	1043	1245	32.5
CMR-2271-8T	1173	1375	1002	710	800	768	M12	525	648	538	837	690	560	625	710	603	65	13	1043	1245	32.5

* Recommended nominal diameter for duct.

CMR-2380..0,28100



Model	A	B	C	C1	C2	øD1*	ød	ød1	ød2	E	H	H1	L	ø01	V	v	X	x	x1	Y
CMR-2380-4T	1350	1660	1245	899	286	808	906	861	11.5	560	1000	500	800	17	930	870	1102.5	667.5	370	352.5
CMR-2380-6T	1350	1660	1030	744	286	808	906	861	11.5	56	1000	500	800	17	930	870	1102.5	667.5	370	352.5
CMR-2380-8T	1350	1660	1035	681	286	808	906	861	11.5	560	1000	500	800	17	930	870	1102.5	667.5	370	352.5
CMR-2590-4T	1495	1785	1390	1012	321	908	1008	958	14	630	1060	535	900	19	1030	970	1246	425	751	393
CMR-2590-6T	1495	1785	1235	857	321	908	1008	958	14	630	1060	535	900	19	1030	970	1121	340	721	373
CMR-28100-4T	1680	1990	1470	1051	362	1008	1108	1067	14	710	1180	610	1000	19	1130	1060	1378	460	843	454
CMR-28100-6T	1680	1990	1395	976	362	1008	1108	1067	14	710	1180	610	1000	19	1130	1060	1278	385	823	434

* Recommended nominal diameter for duct.

Dimensions in mm

Outlet

CMR-1031
CMR-1135
CMR-2590
CMR-28100

CMR-622
CMR-625
CMR-728
CMR-731

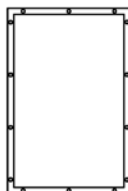
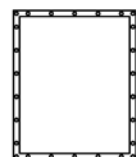
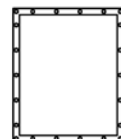
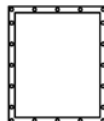
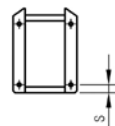
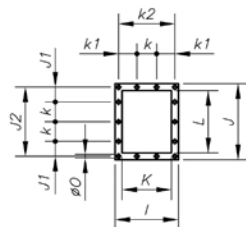
CMR-1240
CMR-1445
CMR-1650

CMR-1856

CMR-2063

CMR-2271

CMR-2380

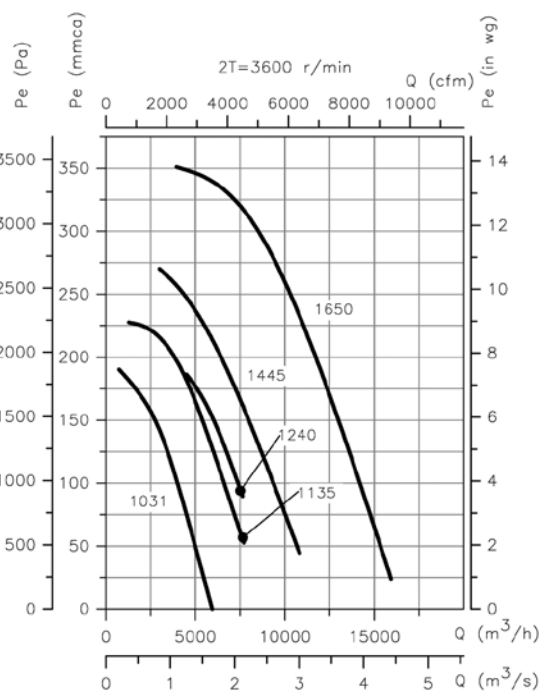
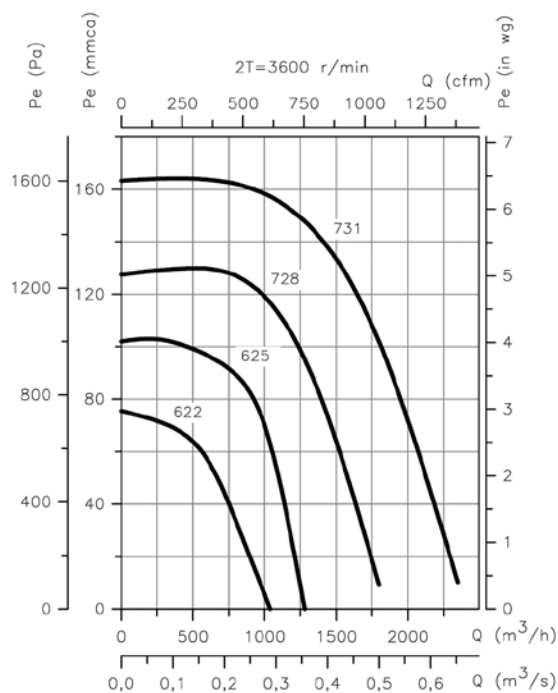


Model	I	J	J1	J2	K	k	k1	k2	L	ø0	S
CMR-622	180	191.5	-	165	120	-	-	156	150	9	12
CMR-625	185	207.5	-	181.5	125	-	-	161	167.5	9	12
CMR-728	196.5	234.5	-	202	136.5	-	-	172.5	187.5	9	12
CMR-731	190.5	250.5	-	227.5	130.5	-	-	166.5	211	9	12
CMR-1031	320	385	75	350	250	100	92.5	285	315	11	-
CMR-1135	350	425	95	390	280	100	107.5	315	355	11	-
CMR-1240	395	480	70	440	315	100	77.5	355	400	11	-
CMR-1445	445	540	99	498	355	100	102.5	405	450	11	-
CMR-1650	490	590	87.5	550	400	125	100	450	500	13	-
CMR-1856	550	660	55	610	450	125	125	500	560	13	-
CMR-2063	620	750	95	690	500	125	92.5	560	630	13	-
CMR-2271	690	840	75	775	560	125	62.5	625	710	13	-
CMR-2380	680	920	160	871	560	200	140	639	800	14	-
CMR-2590	750	1020	84	968	630	200	54	708	900	14	-
CMR-28100	830	1120	138.5	1077	710	200	92.5	785	1000	14	-

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

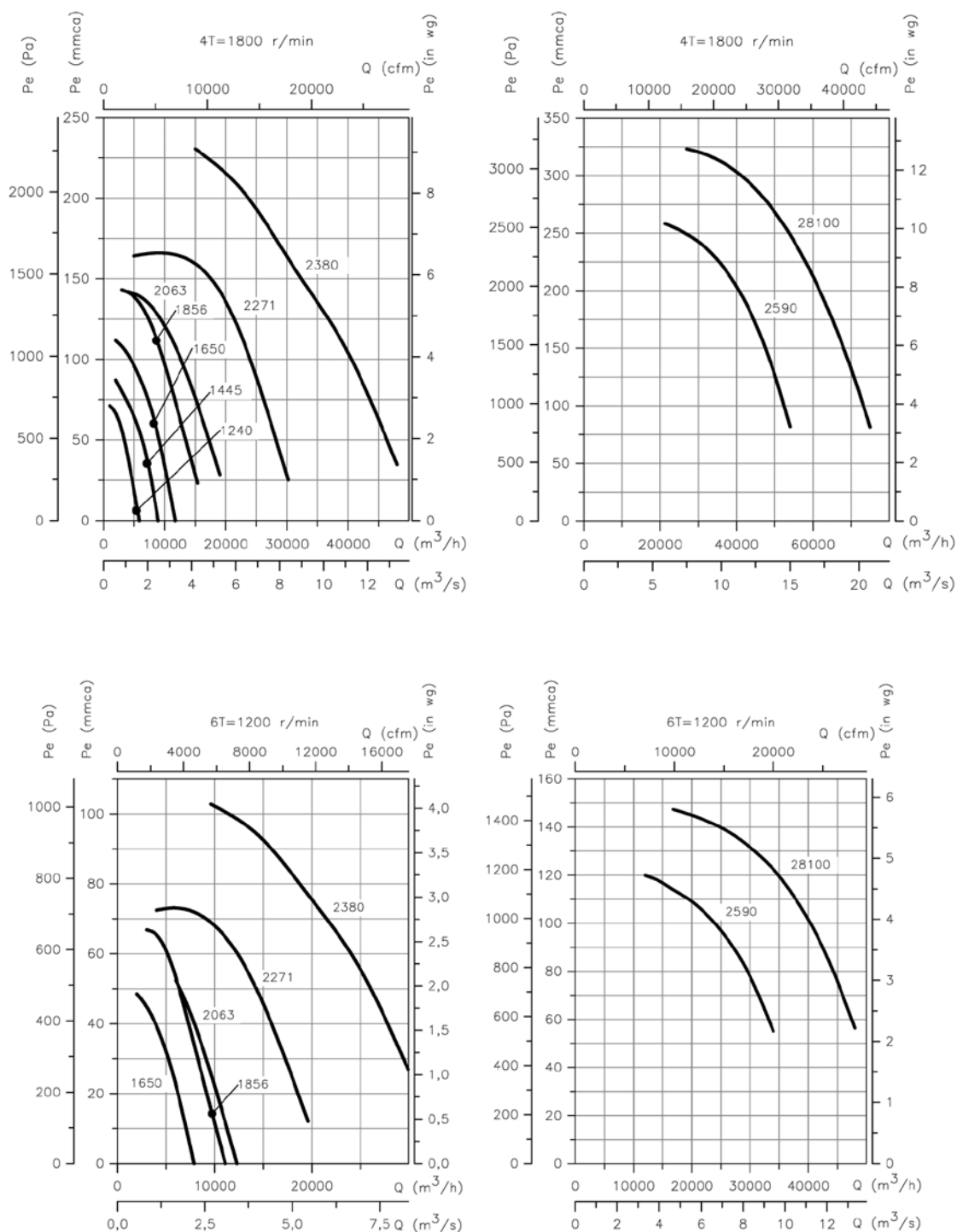
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

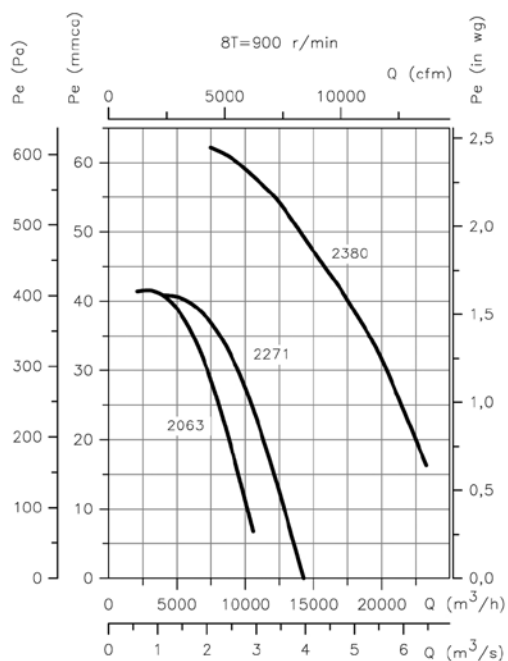
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply

Models 2380, 2590 and 28100 fixed positions LG 270 (other positions on request only)



Accessories

See accessories section.



CAS CAS-S

CAS: Centrifugal single-inlet, high-pressure fans with casing and sheet steel impeller

CAS-S: Centrifugal single-inlet, high-pressure fans with casing and sheet steel impeller fitted with noise reducer



Fan:

- Steel sheet casing
- Impeller with backward-facing blades made from galvanised sheet steel, except models 242-248-254-260-640-645-650 which have a cast aluminium impeller.
- CAS-S: Hexagonal noise reducer mounted on the fan inlet. Its design allows the fan inlet airflow to be adjusted

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Max. air temperature to transport: -20°C.+ 120°C.

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages
- Fan designed to transport air up to 250°C
- Stainless steel fans
- ATEX certification, Category 2



Robust motor bedplate

Order code

CAS — 460 — 2T — 7,5 — 60Hz

CAS: Centrifugal single-inlet, high-pressure fans

Impeller size

Number of motor poles

2=3500 r/min. 60 Hz

T=Three-phase

Power motor (CV)

CAS-S: Centrifugal single-inlet, high-pressure fans fitted with noise reducer

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level			Approx. weight (Kg)
		220V	380V	660V			CAS dB(A)	CAS-S	CAS	
CAS-242-2T-0.33	3396	1.39	0.8		0.25	450	73	67	30	33
CAS-242-2T-0.5	3288	1.92	1.11		0.37	650	73	67	31	34
CAS-248-2T-0.75	3360	2.42	1.4		0.55	420	74	68	43.5	46.5
CAS-248-2T-1	3426	3	1.73		0.75	500	75	69	45	48
CAS-248-2T-1.5	3414	4.16	2.4		1.1	990	76	70	46.5	49.5
CAS-254-2T-1.5	3414	4.16	2.4		1.1	600	76	70	56.5	59.5
CAS-254-2T-2	3432	5.63	3.25		1.5	800	78	72	61.5	64.5
CAS-254-2T-3	3456	7.97	4.6		2.2	1300	80	73	63	66
CAS-260-2T-2	3432	5.63	3.25		1.5	500	77	71	75	80
CAS-260-2T-3	3456	7.97	4.6		2.2	900	79	72	78	83
CAS-463-2T-5.5	3480	13.34	7.7		4	1150	82	75	88.5	93.5
CAS-463-2T-7.5	3426		10.5	6.1	5.5	2000	83	76	95.5	100.5
CAS-467-2T-7.5	3426		10.5	6.1	5.5	1550	84	77	117.5	122.5
CAS-467-2T-10	3426		13.9	8	7.5	2600	85	78	122.5	127.5
CAS-571-2T-10	3426		13.9	8	7.5	2000	86	78	144	149
CAS-571-2T-15	3516		20	11.5	11	3450	87	79	175	180
CAS-640-2T-2	3432	5.63	3.25		1.5	2600	77	71	51.5	56.5

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level		Approx. weight	
		220V	380V	660V			CAS dB(A)	CAS-S dB(A)	CAS (Kg)	CAS-S (Kg)
CAS-645-2T-3	3456	7.97	4.6		2.2	2000	76	70	62.5	70.5
CAS-645-2T-4	3474	10.57	6.1		3	3000	81	74	69.5	77.5
CAS-650-2T-5.5	3480	13.34	7.7		4	3500	81	74	89	97
CAS-650-2T-7.5	3426		10.5	6.1	5.5	4750	83	76	96	104
CAS-852-2T-7.5	3426		10.5	6.1	5.5	3500	81	74	96	104
CAS-852-2T-10	3426		13.9	8	7.5	5500	85	78	101	109
CAS-856-2T-15	3516		20	11.5	11	7500	85	78	157.5	167.5
CAS-863-2T-15	3516		20	11.5	11	4000	84	77	168	178
CAS-863-2T-20	3504		26.5	15.3	15	7000	86	78	179	189
CAS-971-2T-25	3504		32	18.5	18.5	5800	87	79	299	309
CAS-971-2T-30	3516		39	22.5	22	8100	88	80	324	334
CAS-971-2T-40	3546		53	30.6	30	12000	89	81	380	390
CAS-1250-2T-15/A	3516		20	11.5	11	12000	84	77	220	230
CAS-1456-2T-25/A	3504		32	18.5	18.5	18000	87	79	286	299
CAS-1663-2T-50/A	3540		64	37	37	25000	92	84	425	438
CAS-1671-2T-60/A	3528		80	46.2	45	27000	93	85	575	590
CAS-2071-2T-100/A	3564		127	73.3	75	33600	95	86	750	770
CAS-2080-2T-125/A	3564		152	87.8	90	42600	96	87	820	840
CAS-680-2T-12.5	3390		16.6	9.6	9.2	1320	86	78	160	165
CAS-790-2T-20	3504		26.5	15.3	15	2100	88	80	245	250
CAS-980-2T-30	3516		39	22.5	22	4800	87	79	340	355
CAS-990-2T-50	3540		64	37	37	6000	90	82	485	500
CAS-1080-2T-40	3546		53	30.6	30	5400	88	80	420	435
CAS-1090-2T-60	3552		79	45.6	45	6000	91	83	530	545

Acoustic features

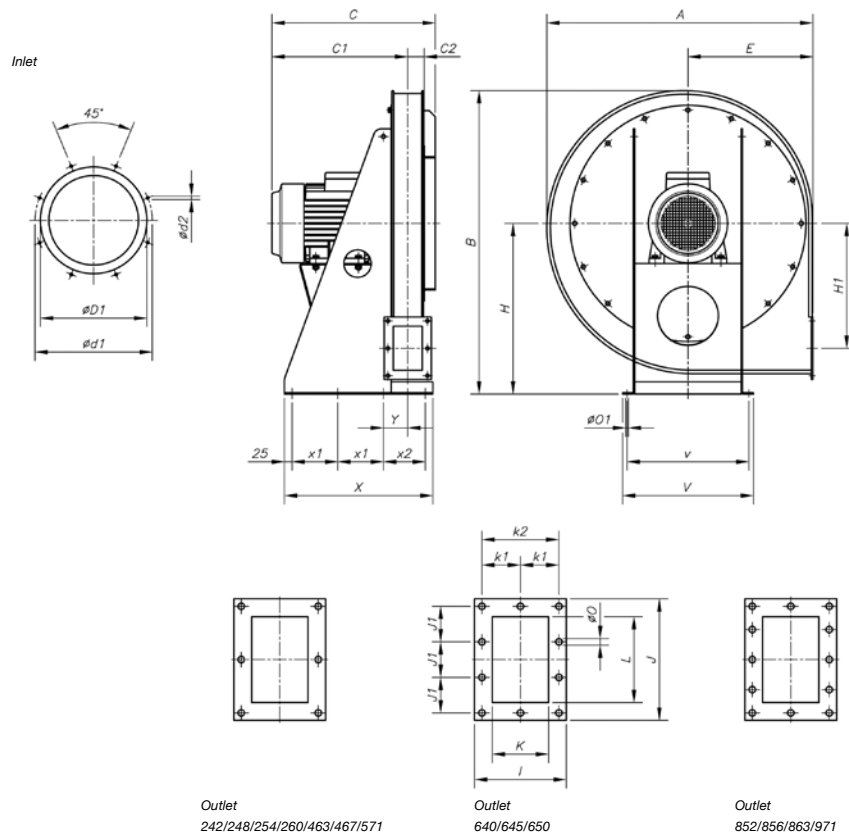
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
CAS									852-7.5	68	72	82	88	92	92	89	84
242	50	61	67	76	83	82	79	72	852-10	68	76	86	93	96	96	92	84
248-0.75	51	62	68	77	84	83	80	73	856	63	76	90	96	96	94	90	84
248-1	52	63	69	78	85	84	81	74	863-15	67	81	87	96	96	95	92	87
248-1.5	53	64	70	79	86	85	82	75	863-20	69	81	92	99	98	95	93	87
254-1.5	55	66	71	81	88	87	84	77	971-25	67	81	90	102	98	96	93	89
254-2	57	68	73	83	90	89	86	79	971-30	68	82	91	103	99	97	94	90
254-3	56	68	76	85	90	92	89	82	971-40	68	83	97	102	102	99	95	88
260-2	53	69	69	83	88	88	85	78	1250	75	88	97	94	91	86	82	73
260-3	55	71	71	85	90	90	87	80	1456	80	93	102	99	96	90	87	78
463-5.5	57	69	82	91	93	93	89	80	1663	65	74	80	95	108	100	97	93
463-7.5	58	70	83	92	94	94	90	81	1671	64	73	79	94	108	100	97	93
467-7.5	69	74	83	95	95	97	93	85	2071	66	75	81	96	110	102	99	95
467-10	70	75	84	96	96	98	94	86	2080	67	76	82	97	111	103	100	96
571-10	64	76	86	96	99	99	94	86	680	70	74	85	96	102	93	86	80
571-15	65	77	87	97	100	100	95	87	790	73	77	88	99	105	96	89	83
640	56	67	75	82	88	84	83	76	980	61	70	76	91	105	97	94	90
645-3	55	66	74	81	87	83	82	75	990	64	73	79	94	108	100	97	93
645-4	55	66	77	86	90	91	87	79	1080	62	71	77	92	106	98	95	91
650-5.5	59	75	84	90	93	90	85	78	1090	65	77	80	95	109	101	98	94
650-7.5	52	68	81	91	96	93	85	78									

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
CAS-S									852-7.5	61	65	75	81	85	85	82	77
242	44	55	61	70	77	76	73	66	852-10	61	69	79	86	89	89	85	77
248-0.75	45	56	62	71	78	77	74	67	856	56	69	83	89	89	87	83	77
248-1	46	57	63	72	79	78	75	68	863-15	60	74	80	89	89	88	85	80
248-1.5	47	58	64	73	80	79	76	69	863-20	61	73	84	91	90	87	85	79
254-1.5	49	60	65	75	82	81	78	71	971-25	59	73	82	94	90	88	85	81
254-2	51	62	67	77	84	83	80	73	971-30	60	74	83	95	91	89	86	82
254-3	49	61	69	78	83	85	82	75	971-40	60	75	89	94	94	91	87	80
260-2	47	63	63	77	82	82	79	72	1250	68	81	90	87	84	79	75	66
260-3	48	64	64	78	83	83	80	73	1456	72	85	94	91	88	82	79	70
463-5.5	50	62	75	84	86	86	82	73	1663	57	66	72	87	100	92	89	85
463-7.5	51	63	76	85	87	87	83	74	1671	56	65	71	86	100	92	89	85
467-7.5	62	67	76	88	88	90	86	78	2071	57	66	72	87	101	93	90	86
467-10	63	68	77	89	89	91	87	79	2080	58	67	73	88	102	94	91	87
571-10	56	68	78	88	91	91	86	78	680	62	66	77	88	94	85	78	72
571-15	57	69	79	89	92	92	87	79	790	65	69	80	91	97	88	81	75
640	50	61	69	76	82	78	77	70	980	53	62	68	83	97	89	86	82
645-3	49	60	68	75	81	77	76	69	990	56	65	71	86	100	92	89	85
645-4	48	59	70	79	83	84	80	72	1080	54	63	69	84	98	90	87	83
650-5.5	52	68	77	83	86	83	78	71	1090	57	66	72	87	101	93	90	86
650-7.5	45	61	74	84	89	86	78	71									

Dimensions in mm

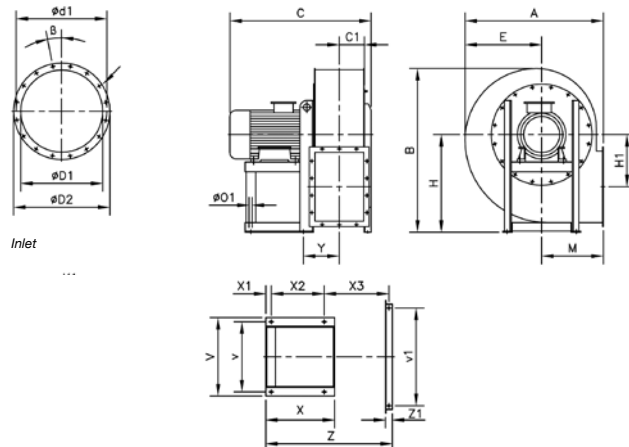
CAS-242...971



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CAS-242-2T-0'33	576	662	282	219	33	100	130	M8	270	375	270	120	155	65	60	-	95	95	11	12	305	275	260	75	-	61
CAS-242-2T-0'5	576	662	310	247	33	100	130	M8	270	375	270	120	155	65	60	-	95	95	11	12	305	275	260	75	-	61
CAS-248-2T-0'75	639	728	315	249	36	112	140	M8	300	410	297	126	165	70	66	-	101	105	11	12	320	290	300	90	-	64
CAS-248-2T-1'1'5	639	728	340	274	36	112	140	M8	300	410	297	126	165	70	66	-	101	105	11	12	320	290	300	90	-	64
CAS-254-2T-1'5	699	788	365	294.5	40.5	125	155	M8	330	440	322	135	175	75	75	-	110	115	11	14	340	310	330	100	-	68.5
CAS-254-2T-2	699	788	413	342.5	40.5	125	155	M8	330	440	322	135	175	75	75	-	110	115	11	14	340	310	330	100	-	68.5
CAS-254-2T-3	699	788	443	372.5	40.5	125	155	M8	330	440	322	135	175	75	75	-	110	115	11	14	340	310	330	100	-	68.5
CAS-260-2T-2/3	782	875	419	343.5	47.5	150	175	M8	370	485	362	145	185	80	85	-	120	125	11	14	380	350	370	115	-	73.5
CAS-463-2T-5'5	782	875	459	383.5	45.5	200	240	M8	370	485	362	145	185	80	85	-	120	125	11	14	380	350	370	115	-	73.5
CAS-463-2T-7'5	782	875	517	441.5	45.5	200	240	M8	370	485	362	145	185	80	85	-	120	125	11	14	380	350	370	115	-	73.5
CAS-467-2T-7'5/10	833	945	530	442	48	224	258	M8	390	530	395	150	190	82.5	90	-	125	130	11	14	405	375	300	125	-	76
CAS-571-2T-10	873	995	536	445.5	50.5	250	275	M8	410	560	410	155	205	90	95	-	130	145	11	14	430	400	350	150	-	79.5
CAS-571-2T-15	873	995	671	580.5	50.5	250	275	M8	410	560	410	155	205	90	95	-	130	145	11	14	430	400	410	180	-	79.5
CAS-640-2T-2	639	728	446	350.5	65.5	250	275	M8	300	410	250	185	260	78	125	80	-	200	11	14	340	310	350	100	-	93.5
CAS-645-2T-3	699	788	461	358	73	250	275	M8	330	440	267.5	200	284	86	140	87.5	-	224	11	14	380	350	380	115	-	101
CAS-645-2T-4	699	788	491	388	73	250	275	M8	330	440	267.5	200	284	86	140	87.5	-	224	11	14	380	350	380	115	-	101
CAS-650-2T-5'5	782	875	534	421	83	250	275	M8	370	485	300	220	310	95	160	97.5	-	250	11	14	405	375	490	125	190	111
CAS-650-2T-7'5	782	875	572	459	83	250	275	M8	370	485	300	220	310	95	160	97.5	-	250	11	14	405	375	490	125	190	111
CAS-852-2T-7'5/10	833	945	603	470	94.5	380	310	M8	390	530	320	240	340	78	180	107.5	-	280	11	14	430	400	540	150	190	122
CAS-856-2T-15	833	945	708	575	93	355	395	M8	390	530	320	240	340	78	180	107.5	-	280	11	14	430	400	600	180	190	122
CAS-863-2T-15/20	873	995	728	585	103	355	410	M8	410	560	325	260	375	87.5	200	117.5	-	315	11	14	430	400	620	180	210	132
CAS-971-2T-25	1012	1170	759	598	116	400	450	M10	460	670	420	294	425	100	224	132	-	355	11	14	550	510	500	150	150	145
CAS-971-2T-30	1012	1170	881	720	116	400	450	M10	460	670	420	294	425	100	224	132	-	355	11	14	550	510	500	150	150	145
CAS-971-2T-40	1012	1170	948	787	116	400	450	M10	460	670	420	294	425	100	224	132	-	355	11	14	550	510	500	150	150	145

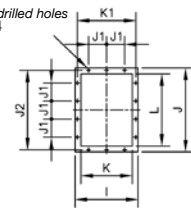
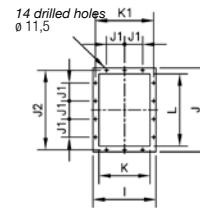
Dimensions in mm

CAS-1250...2080



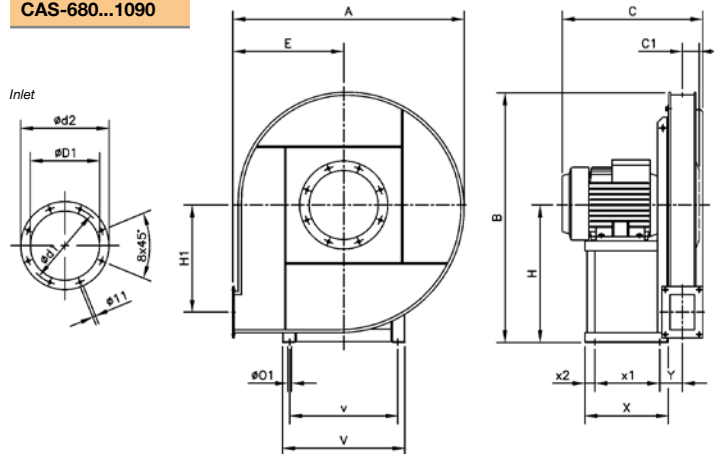
Outlet
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CAS-1456-2T-25/A
CAS-1663-2T-50/A

Outlet
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CAS-2071-2T-100/A
CAS-2080-2T-125/A



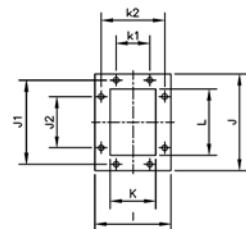
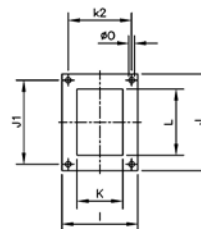
Model	A	B	C	C1	$\phi D1$	$\phi D2$	$\phi D1$	x ϕ	B	E	H	H1	I	J	J1	J2	K	K1	L	M	$\phi O1$	V	v	v1	X	X1	X2	X3	Y	Z	Z1
CAS-1250-2T-15/A	865	1055	885	160	361	441	405	8x11.5	22°30'	510	630	365	360	480	125	448	280	332	400	355	14	440	400	-	425	30	340	-	202	-	-
CAS-1456-2T-25/A	970	1185	900	163	456	535	497	12x12	15°	555	710	410	395	530	125	497	315	366	450	400	14	440	400	-	425	30	340	-	219	-	-
CAS-1663-2T-50/A	1010	1280	1035	183	568	668	629	16x11.5	11°15'	560	800	380	435	580	125	551	355	405	500	450	16	570	510	-	500	40	385	-	263	-	-
CAS-1671-2T-60/A	1130	1340	1160	206	638	738	698	16x13	11°15'	630	800	430	500	660	160	629	400	464	560	500	19	626	565	800	550	40	425	530	292	1025	60
CAS-2071-2T-100/A	1130	1340	1290	206	638	738	698	16x13	11°15'	630	800	430	500	660	160	629	400	464	560	500	21	760	680	800	700	50	550	545	307	1125	60
CAS-2080-2T-125/A	1270	1505	1345	231	718	818	775	16x13	11°15'	710	900	486	550	730	160	698	450	513	630	560	24	760	680	900	700	50	550	595	333	1225	60

CAS-680...1090



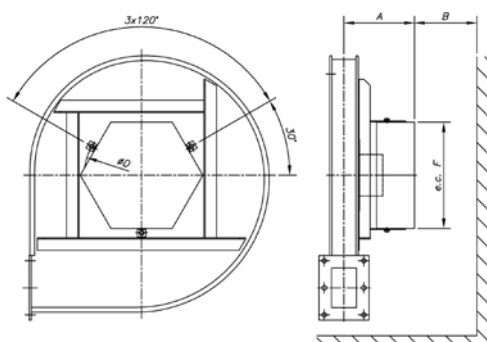
Outlet
CAS-680/790

Outlet
CAS-980...1090



Model	A	B	C	C1	$\phi D1$	$\phi D1$	$\phi D2$	E	H	H1	I	J	J1	J2	K	k1	k2	L	ϕO	$\phi O1$	V	v	X	x1	x2	Y
CAS-680-2T-12'5	925	995	550	50	165	200	235	450	530	430	131	160	125	-	71	-	100	100	9	12	392	360	320	250	25	87
CAS-790-2T-20	1100	1180	650	58	185	219	255	530	630	520	140	172	140	-	80	-	112	112	9	14	440	400	425	340	30	103
CAS-980-2T-30	1120	1250	725	90	255	292	325	530	710	530	210	270	241	112	140	112	182	200	11.5	14	440	400	425	340	35	145
CAS-990-2T-50	1250	1400	900	100	286	332	366	600	800	600	230	294	265	112	160	112	200	224	11.5	16	570	510	500	385	40	165
CAS-1080-2T-40	1120	1250	850	90	255	392	325	530	710	530	210	270	241	112	140	112	182	200	11.5	16	570	510	500	385	40	155
CAS-1090-2T-60	1250	1400	930	100	286	332	366	600	800	600	230	294	265	112	160	112	200	224	11.5	16	626	565	550	425	40	175

CAS-S



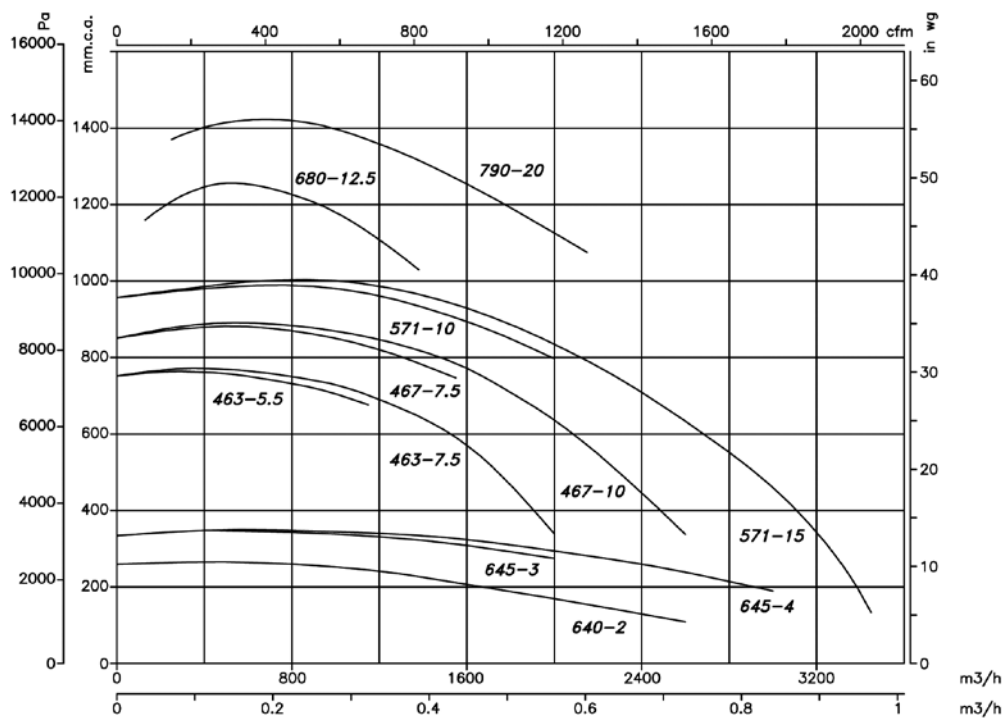
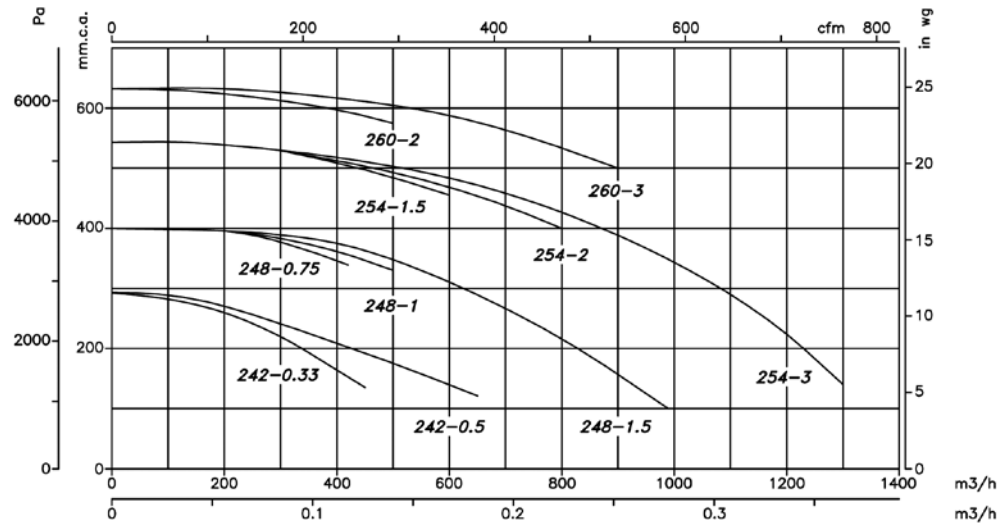
Model	A	B	ϕD	ϕF
CAS-S-242	155	150	276	255
CAS-S-248	158	150	276	255
CAS-S-254	162	150	276	255
CAS-S-260	249	150	371	350
CAS-S-463	247	150	371	350
CAS-S-467	249	150	371	350
CAS-S-571	251	150	371	350
CAS-S-640	267	150	371	350
CAS-S-645	275	200	581	560
CAS-S-650	295	200	661	560
CAS-S-852	305	200	661	560
CAS-S-856	304	200	683	655
CAS-S-863	314	200	758	655

Model	A	B	ϕD	ϕF
CAS-S-971	327	200	759	655
CAS-S-1250/A	371	200	683	655
CAS-S-1456/A	230	200	804	775
CAS-S-1663/A	234	200	804	775
CAS-S-680	251	200	371	350
CAS-S-790	259	200	371	350
CAS-S-980	290	200	581	560
CAS-S-990	300	200	581	560
CAS-S-1080	290	200	581	560
CAS-S-1090	300	200	581	560
CAS-S-1671/A	437	200	804	775
CAS-S-2071/A	437	200	804	775
CAS-S-2080/A	462	200	884	855

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

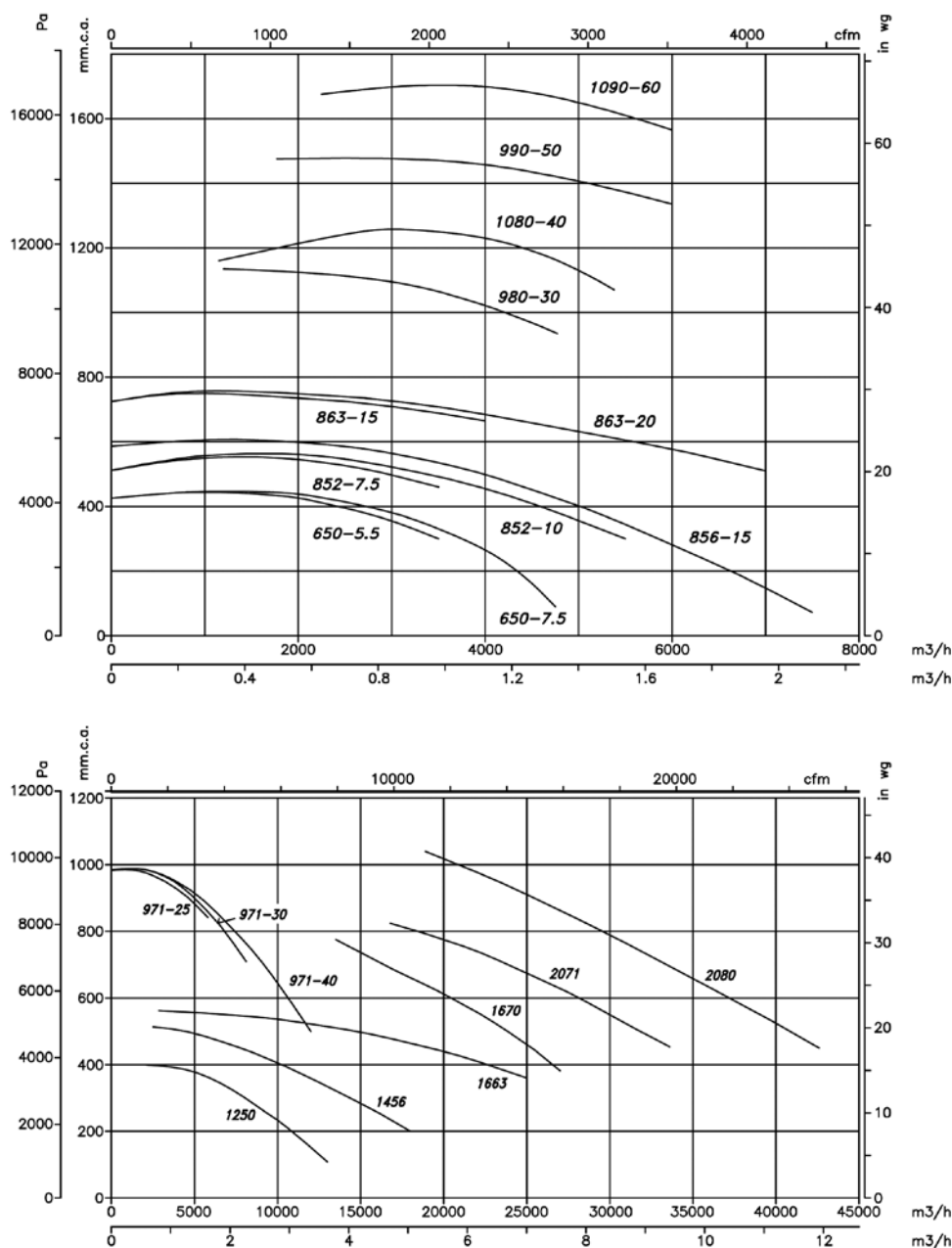
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply
LG 180 positions on request
and with special fixing measurements.



Supplied on request
RD 180 positions with special
fixing measurements.



Accessories

See accessories section.



CMA

Centrifugal single-inlet, medium-pressure fans with casing and impeller made from cast aluminium



Option of different impeller positions



Fan:

- Casing made from cast aluminium
- Impeller made from cast aluminium
- Models 324, 325 and 426 with polyamide impeller, model 531-2T-3 with sheet steel impeller

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection, except single-phase models which have IP54 protection
- 220V single-phase. 60Hz., and three-phase 220/380V. 60Hz
- Max. air temperature to transport: -20°C.+ 120°C, maximum +70°C for models with polyamide impeller

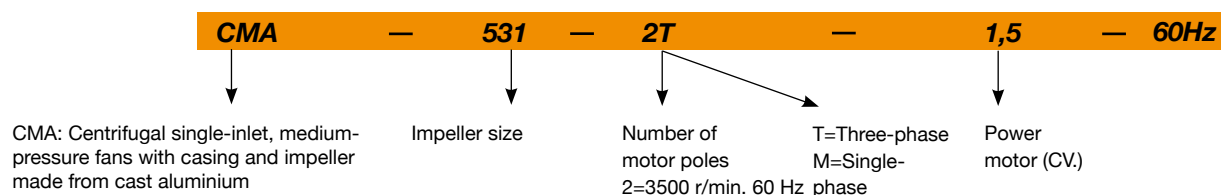
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages
- Cast aluminium impellers for models 324, 325 and 426
- Fan designed to transport air up to 250°C
- ATEX Certification, category 2 (see CMA/ATEX series)

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V				
CMA-218-2T	3504	0.61	0.35	0.09	265	63	6
CMA-218-2M	3504	0.6		0.09	265	63	6
CMA-324-2T	3420	1.21	0.7	0.18	440	70	9
CMA-324-2M	3420	1.5		0.18	440	70	9
CMA-325-2T	3336	1.64	0.95	0.25	600	73	11
CMA-325-2M	3336	2.2		0.25	600	73	11
CMA-426-2T	3318	1.78	1.03	0.37	850	75	13
CMA-426-2M	3318	2.95		0.37	850	75	13
CMA-527-2T	3360	2.42	1.4	0.55	1000	80	14.8
CMA-527-2M	3360	3.9		0.55	1000	80	14.8
CMA-528-2T-1	3336	3.12	1.8	0.75	1250	82	23.5
CMA-528-2M-1	3336	5.2		0.75	1250	82	23.5
CMA-528-2T-1.5	3420	4.42	2.55	1.1	1750	83	26
CMA-528-2M-1.5	3420	7.1		1.1	1750	83	26
CMA-531-2T-1.5	3456	4.42	2.55	1.1	1790	84	29
CMA-531-2M-1.5	3456	7.1		1.1	1790	84	29
CMA-531-2T-2	3420	5.89	3.4	1.5	2000	85	31
CMA-531-2M-2	3420	9.3		1.5	2000	85	31
CMA-531-2T-3	3360	8.23	4.75	2.2	2400	86	30
CMA-540-2T	3468	5.89	3.4	1.5	2600	85	38
CMA-545-2T-3	3408	8.23	4.75	2.2	2630	86	54
CMA-545-2T-4	3456	10.91	6.3	3	3550	88	64

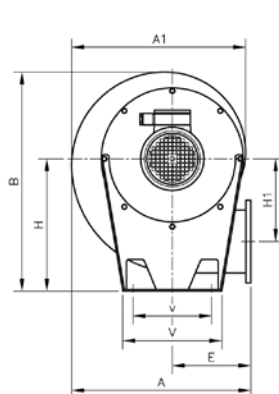
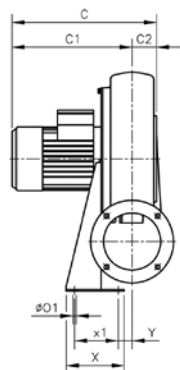
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

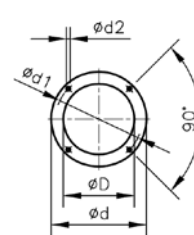
Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
218	29	43	61	67	71	68	63	54	531-1,5	50	64	82	88	92	89	84	75
324	36	50	68	74	78	75	70	61	531-2	51	65	83	89	93	90	85	76
325	39	53	71	77	81	78	73	64	531-3	52	66	84	90	94	91	86	77
426	41	55	73	79	83	80	75	66	540	54	67	85	91	96	92	87	79
527	46	60	78	84	88	85	80	71	545-3	55	68	86	92	97	93	88	80
528-1	48	62	80	86	90	87	82	73	545-4	57	70	88	94	99	95	90	82
528-1,5	49	63	81	87	91	88	83	74									

Dimensions in mm

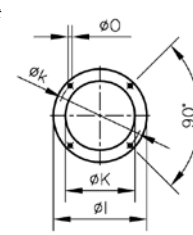
CMA-218...531



Inlet

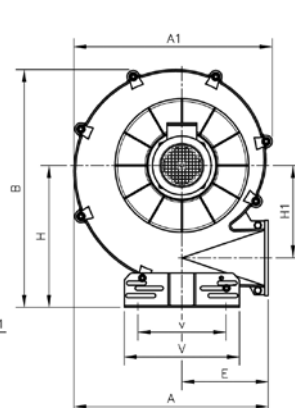
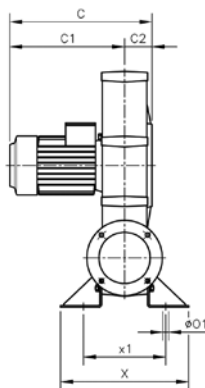


Outlet

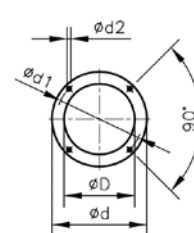


Model	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	øl	øK	øk	øO	øO1	V	v	X	x1	Y
CMA-218	241	236	288	239	208	32	80	113	90	M5	110	170	114.5	90	54	76	5.5	7	140	100	80	50	20
CMA-324	311	302	356	268	202	38	80	130	112	M5	145	205	145	108	62	90	7	9	173	125	90	60	20
CMA-325	335	328	399	271	223	40	94	140	122	M6	155	235	152	120	80	102	7	9	180	145	110	80	20
CMA-426	354	344	412	291	250	40	117	155	132	M6	162	240	163	140	90	119	7	13	210	160	105	65	26
CMA-527	371	361	440	295	254	42	125	170	147	M6	168	260	170	155	100	129	7	13	220	170	120	80	20
CMA-528...1	401	395	488	340	289	51	116	190	162	M6	178	290	177	190	130	160	11	13	230	180	140	100	20
CMA-528...1'5	401	395	488	337	289	48	135	190	162	M6	178	290	177	190	130	160	11	13	230	180	140	100	20
CMA-531...1'5	440	434	537	341	290	50	160	215	180	M6	193	320	200	200	140	175	11	13	240	190	160	120	21
CMA-531...2	440	434	537	388	340	50	160	215	180	M6	193	320	200	200	140	175	11	13	240	190	160	120	21
CMA-531...3	440	434	537	388	350	50	160	215	180	M6	193	320	200	200	140	175	11	13	240	190	160	120	21

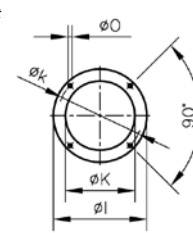
CMA-540-545



Inlet



Outlet

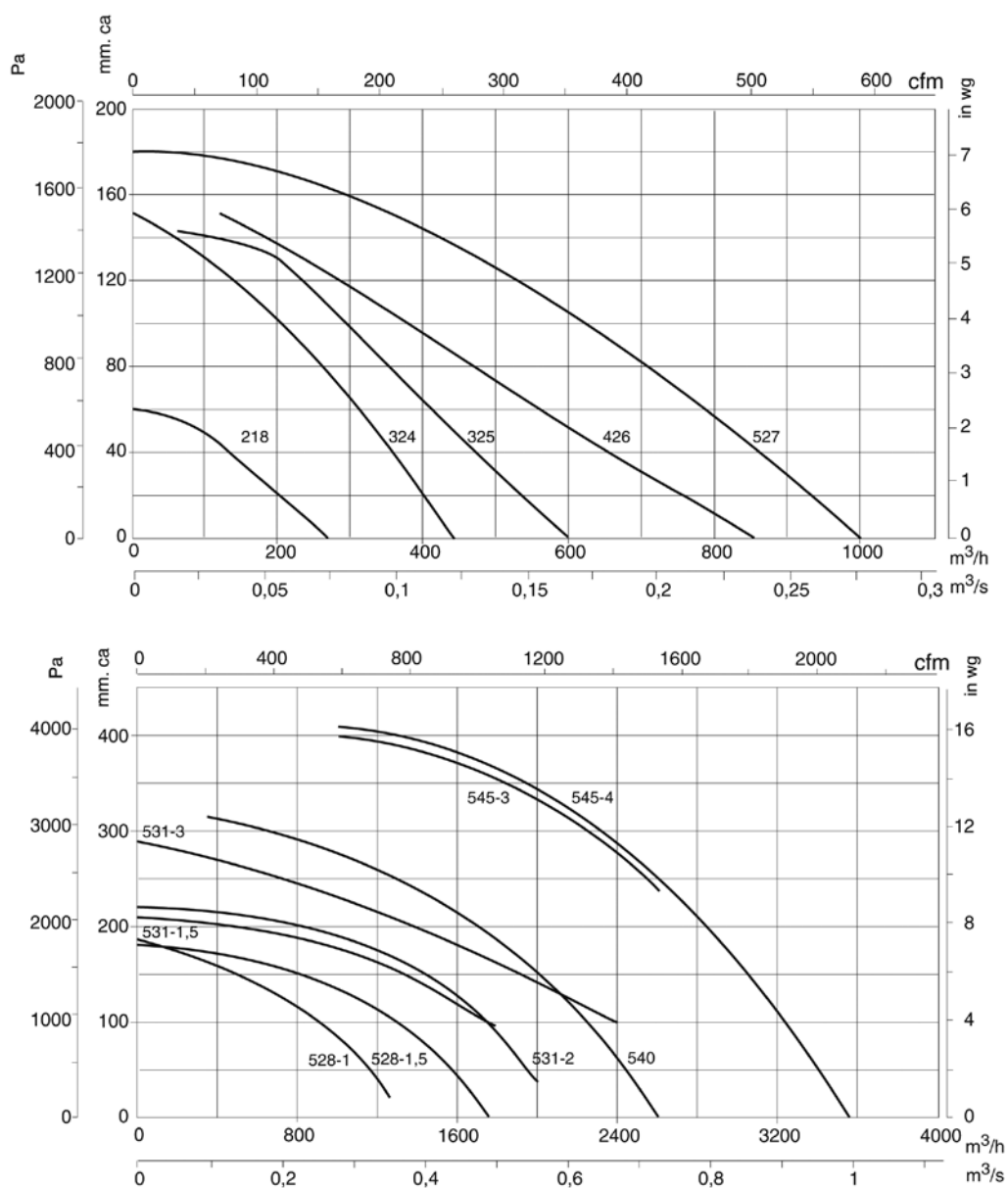


Model	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	øl	øK	øk	øO	øO1	V	v	X	x1	Y
CMA-540	567	580	695	375	320	80	170	240	205	M10	252	415	270	220	150	190	13	11	336	218	374	240	-
CMA-545...3	651	646	776	423	344	115	180	255	220	M10	290	450	309	250	175	220	13	13	336	238	392	292	-
CMA-545...0,4	651	646	776	497	344	115	180	255	220	M10	290	450	309	250	175	220	13	13	336	238	392	292	-

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply

LG 180 position on request and with special fixing measures



Accessories

See accessories section.



CMP

Centrifugal single-inlet, medium-pressure fans with casing and sheet steel impeller



*Dynamically balanced
wheels with
robust centres*

Fan:

- Steel sheet casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Model CMP 38-2M casing made from cast aluminium

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection, except single-phase models which have IP54 protection. Model CMP-38 IP21 protection
- 220V single-phase, 60Hz., and three-phase 220/380V, 60Hz (up to 5.5CV) and 380/660V, 60Hz. (power over 5.5CV.)
- Max. air temperature to transport: -20°C.+ 120°C, maximum +100°C model CMP-38

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages
- Fan designed to transport air up to 250°C
- Stainless steel fans
- ATEX Certification, category 2 (see CMP/ATEX series)

Order code

CMP — 1128 — 2T — 5,5 — 60Hz

CMP: Centrifugal single-inlet, medium-pressure fans with casing and sheet steel impeller

Impeller size

Number of motor poles
T=Three-phase
M=Single-phase
2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz

Power motor (CV.)

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CMP-38-2M/E	3180	0.54			0.01	135	50	2
CMP-38-2M	3120	0.54			0.01	160	50	2
CMP-512-2T	3420	0.55	0.32		0.08	490	62	4
CMP-512-2M	3480	0.6			0.08	490	62	4
CMP-512-4T	1728	0.55	0.32		0.05	255	55	3.5
CMP-512-4M	1728	0.6			0.05	255	55	3.5
CMP-514-2T	3420	1.21	0.7		0.18	800	65	5
CMP-514-2M	3240	1.8			0.18	800	65	5
CMP-514-4T	1728	0.55	0.32		0.08	565	58	4.5
CMP-514-4M	1728	0.6			0.08	565	58	4.5
CMP-616-2T	3288	1.73	1		0.55	1380	69	8
CMP-616-2M	3312	2.95			0.55	1380	69	9.5
CMP-616-4T	1680	0.65	0.37		0.1	850	61	7.5
CMP-616-4M	1680	0.72			0.1	850	61	7.5
CMP-620-2T	3288	1.73	1		0.37	765	68	9.5
CMP-620-2M	3312	2.95			0.37	765	68	10
CMP-620-4T	1650	0.69	0.4		0.1	810	61	7.5
CMP-620-4M	1650	0.76			0.1	810	61	7.5
CMP-718-2T	3426	3	1.73		0.75	1485	70	12.5

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CMP-718-2M	3300	5.2			0.75	1485	70	12.8
CMP-718-4T	1692	1.32	0.76		0.25	1280	63	9.5
CMP-718-4M	1692	1.4			0.25	1280	63	9.5
CMP-820-2T	3414	4.16	2.4		1.1	1950	73	15
CMP-820-2M	3420	7.1			1.1	1950	73	16
CMP-820-4T	1620	1.32	0.76		0.25	1670	66	10
CMP-820-4M	1680	2			0.25	1670	66	10
CMP-922-2T-1.5	3414	4.16	2.4		1.1	1650	70	20
CMP-922-2T-2	3432	5.63	3.25		1.5	2010	71	23
CMP-922-2T-3	3456	7.97	4.6		2.2	2600	74	25.5
CMP-922-4T	1674	2.51	1.45		0.55	2450	66	19
CMP-1025-2T-3	3456	7.97	4.6		2.2	2100	73	28.5
CMP-1025-2T-4	3474	10.57	6.1		3	2830	77	37.6
CMP-1025-4T	1692	4.59	2.65		1.1	3400	70	38.5
CMP-1128-2T-4	3474	10.57	6.1		3	2220	77	41.5
CMP-1128-2T-5.5	3480	13.34	7.7		4	3210	81	47
CMP-1128-4T	1704	8.49	4.9		2.2	5000	74	39
CMP-1128-6T	1092	3.91	2.26		0.75	3300	60	28.5
CMP-1231-4T-3	1704	8.49	4.9		2.2	4740	73	47
CMP-1231-4T-4	1704	11.09	6.4		3	5910	75	49
CMP-1231-4T-5.5	1728	14.38	8.3		4	6850	77	56
CMP-1231-6T	1128	7.48	4.3		1.5	5115	64	49
CMP-1435-4T-4	1704	11.09	6.4		3	5560	76	53
CMP-1435-4T-5.5	1728	14.38	8.3		4	6260	78	61.5
CMP-1435-4T-7.5	1746		11.4	6.6	5.5	7210	80	75.5
CMP-1435-6T	1116	9.32	5.36		2.2	6400	66	58.5
CMP-1640-4T-5.5	1728	14.38	8.3		4	7500	77	78.5
CMP-1640-4T-7.5	1746		11.4	6.6	5.5	8035	80	92.5
CMP-1640-4T-10	1746		15.1	8.7	7.5	9710	82	103.5
CMP-1640-6T	1116	9.32	5.36		2.2	8100	71	75.5
CMP-1845-4T-7.5	1746		11.4	6.6	5.5	8965	82	93.5
CMP-1845-4T-10	1746		15.1	8.7	7.5	10350	85	104.5
CMP-1845-6T	1116	9.32	5.36		2.2	8330	77	84
CMP-2050-4T-10	1746		15.1	8.7	7.5	9000	83	134
CMP-2050-4T-12.5	1740		17.8	10.3	9.2	10730	85	137
CMP-2050-4T-15	1752		21.5	12.4	11	12525	87	153
CMP-2050-4T-20	1746		28.5	16.5	15	19000	89	172
CMP-2050-6T	1128	15.6	8.95		4	11000	79	146
CMP-2563-6T	1164		31	17.9	15	21000	86	251

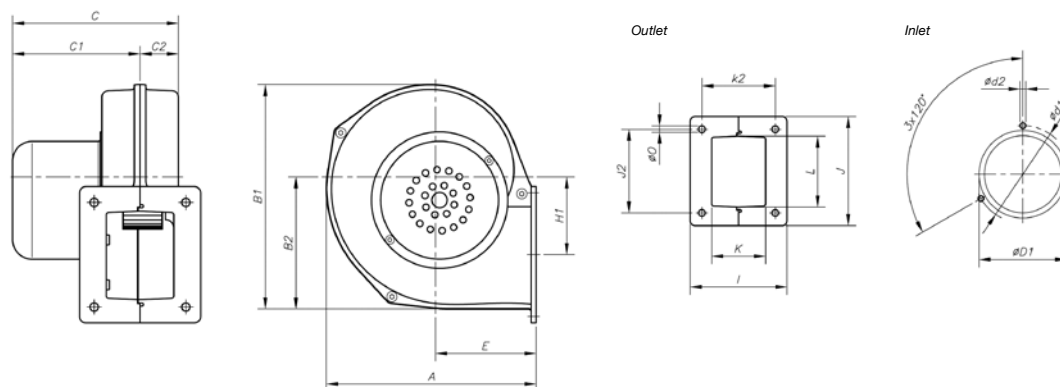
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
38	25	35	46	53	57	54	52	45	1128-6	35	45	56	63	67	64	62	55
512-2	37	47	58	65	69	66	64	57	1231-4-3	51	60	71	78	82	80	78	71
512-4	30	40	51	58	62	59	57	50	1231-4-4	53	62	73	80	84	82	80	73
514-2	40	50	61	68	72	69	67	60	1231-4-5,5	55	64	75	82	86	84	82	75
514-4	33	43	54	61	65	62	60	53	1231-6	42	51	62	69	73	71	69	62
616-2	44	54	65	72	76	73	71	64	1435-4-4	54	63	74	81	85	83	81	74
616-4	36	46	57	64	68	65	63	56	1435-4-5,5	56	65	76	83	87	85	83	76
620-2	43	53	64	71	75	72	70	63	1435-4-7,5	58	67	78	85	89	87	85	78
620-4	36	46	57	64	68	65	63	56	1435-6	44	53	64	71	75	73	71	64
718-2	45	55	66	73	77	74	72	65	1640-4-5,5	55	64	75	82	86	84	82	75
718-4	38	48	59	66	70	67	65	58	1640-4-7,5	58	67	78	85	89	87	85	78
820-2	48	58	69	76	80	77	75	68	1640-4-10	60	69	80	87	91	89	87	80
820-4	41	51	62	69	73	70	68	61	1640-6	49	58	69	76	80	78	76	69
922-2-1,5	45	55	66	73	77	74	72	65	1845-4-7,5	61	71	82	89	93	91	89	81
922-2-2	46	56	67	74	78	75	73	66	1845-4-10	64	74	85	92	96	94	92	84
922-2-3	49	59	70	77	81	78	76	69	1845-6	56	66	77	84	88	86	84	76
922-4	41	51	62	69	73	70	68	61	2050-4-10	62	72	83	90	94	92	90	82
1025-2-3	48	58	69	76	80	77	75	68	2050-4-12,5	64	74	85	92	96	94	92	84
1025-2-4	52	62	73	80	84	81	79	72	2050-4-15	66	76	87	94	98	96	94	86
1025-4	45	55	66	73	77	74	72	65	2050-4-20	68	78	89	96	100	98	96	88
1128-2-4	52	62	73	80	84	81	79	72	2050-6	58	68	79	86	90	88	86	78
1128-2-5,5	56	66	77	84	88	85	83	76	2563-6	67	77	88	95	99	96	94	87
1128-4	49	59	70	77	81	78	76	69									

Dimensions in mm

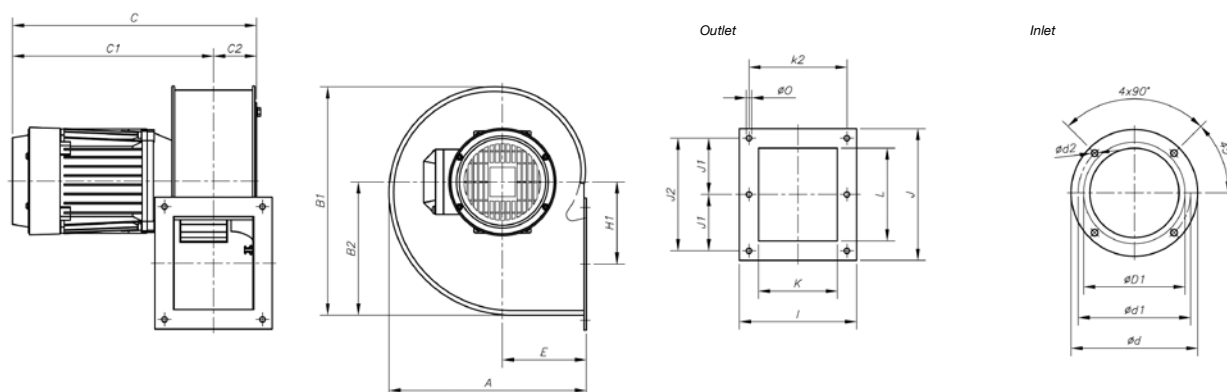
CMP-38



Model	A	B1	B2	C	C1	C2	øD1*	ød1	ød2	E	H1	I	J	J2	K	k2	L	ø0
CMP-38-2M/E	141	165	97	122	96	26	80	85	2.4	60	60.5	100	80	46	50	77	52	8
CMP-38-2M	164.5	176.5	103.5	130	99	31	80	85	M4	79	64	95	107	82	53	72	67	6.5

* Recommended nominal diameter for duct.

CMP-512...820

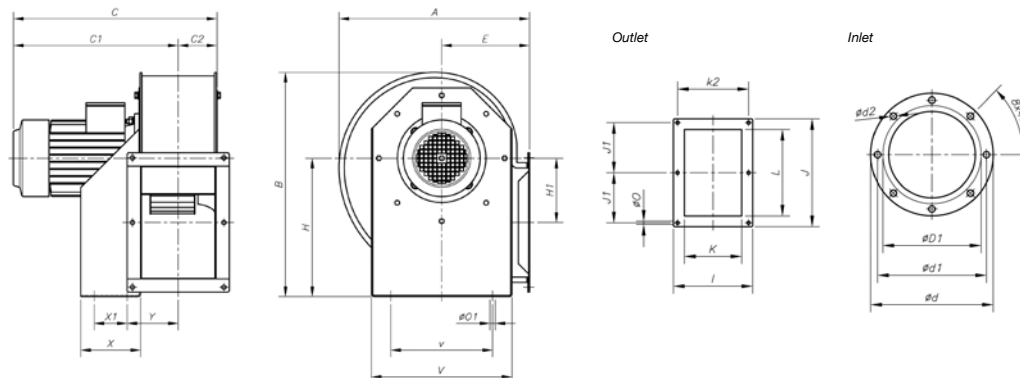


Model	A	B1	B2	C	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H1	I	J	J1	J2	K	k2	L	Ø0
CMP-512-2T	185	206.5	118	251	212	39	112	140	132	M4	82.5	69	104	117	-	104.5	75	92	86	5.5
CMP-512-4T	185	206.5	118	249	210	39	112	140	132	M4	82.5	69	104	117	-	104.5	75	92	86	5.5
CMP-514-2T	225	254	150	281	236	45	140	169	151.5	M4	100	91	122	147	64	128	838	105	107	6.5
CMP-514-4T	225	254	150	261	216	45	140	169	151.5	M4	100	91	122	147	64	128	83	105	107	6.5
CMP-616-2T	258	297	173.5	320	264	56	160	204	180	M6	110	105.5	153	172	-	147	103	128	125	7
CMP-616-4T	258	297	173.5	283	227	56	160	204	180	M6	110	105.5	153	172	-	147	103	128	125	7
CMP-620-2T	298	347	202.5	321	265	56	200	247	230	M6	126	145.5	159	153	-	128	105	134	100	8
CMP-620-4T	298	347	202.5	283	227	56	200	247	230	M6	126	145.5	159	153	-	128	105	134	100	8
CMP-718-2T	303.5	348	201	355	294	61	180	238	210	M6	129.5	122	169	192	85	170	115	145	146	9
CMP-718-2M	303.5	348	201	355	245	61	180	238	210	M6	129.5	122	169	192	85	170	115	145	146	9
CMP-718-4T	303.5	348	201	331	270	61	180	238	210	M6	129.5	122	169	192	85	170	115	145	146	9
CMP-718-4M	303.5	348	201	331	270	61	180	238	210	M6	129.5	122	169	192	85	170	115	145	146	9
CMP-820-2T	322	377	223	369.5	301	68.5	200	247	230	M6	137.5	137	184	213	94.5	189	160	160	156	9
CMP-820-2M	322	377	223	369.5	301	68.5	200	247	230	M6	137.5	137	184	213	94.5	189	160	160	156	9
CMP-820-4T	322	377	223	345.5	277	68.5	200	247	230	M6	137.5	137	184	213	94.5	189	160	160	156	9
CMP-820-4M	322	377	223	345.5	277	68.5	200	247	230	M6	137.5	137	184	213	94.5	189	160	160	156	9

* Recommended nominal diameter for duct.

Dimensions in mm

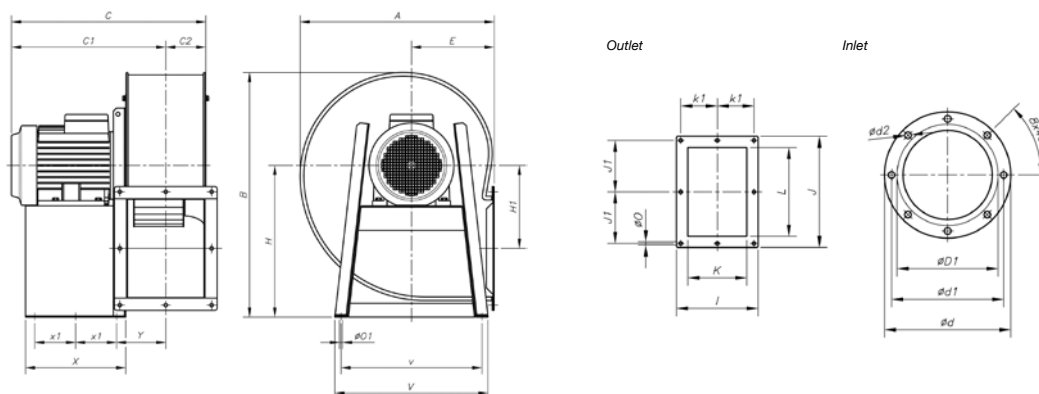
CMP-922...1231



Model	A	B	C	C1	C2	øD1*	ød	ød1	ød2	E	H	H1	I	J	J1	K	k2	L	ø0	ø01	V	v	X	X1	Y
CMP-922-2T-1'5	388.5	455	382.5	309	73.5	224	278	256	M8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-2T-2	388.5	455	430.5	357	73.5	224	278	25	M8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-2T-3	388.5	455	430.5	357	73.5	224	278	256	M8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-4T	388.5	455	382.5	309	73.5	224	278	256	M8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-1025-2T-3	427	503	456	370	86	250	305	282	M8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1025-2T-4	427	503	486	400	86	250	305	282	M8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1025-4T	427	503	456	370	86	250	305	282	M8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1128-2T-4	472	553	500.5	407	93.5	280	348	320	M8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1128-2T-5'5	472	553	523.5	430	93.5	280	348	320	M8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1128-4T	472	553	500.5	407	93.5	280	348	320	M8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1128-6T	472	553	470.5	377	93.5	280	348	320	M8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1231-4T-3	526	630	520.5	417	103.5	315	382	354	M8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126
CMP-1231-4T-4	526	630	520.5	417	103.5	315	382	354	M8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126
CMP-1231-4T-5'5	526	630	543.5	440	103.5	315	382	354	M8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126
CMP-1231-6T	526	630	520.5	417	103.5	315	382	354	M8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126

* Recommended nominal diameter for duct.

CMP-1435...2563



Model	A	B	C	C1	C2	øD1*	ød	ød1	ød2	E	H	H1	I	J	J1	K	k1	L	ø0	ø01	V	v	X	X1	Y
CMP-1435-4T-4	573.5	715	549	431	118	355	422	394	M8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1435-4T-5'5	573.5	715	572	454	118	355	422	394	M8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1435-4T-7'5	573.5	715	610	492	118	355	422	394	M8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1435-6T	573.5	715	572	454	118	355	422	394	M8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1640-4T-5'5	634	799	596	465	130	400	464	438	M8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1640-4T-7'5	634	799	634	504	130	400	464	438	M8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1640-4T-10	634	799	634	504	130	400	464	438	M8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1640-6T	634	799	596	466	130	400	464	438	M8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1845-4T-7'5	711	901	668	521	147	450	515	485	M8	302	560	305	370	444	202	284	164	361	11.5	12	538	502	340	140	179.5
CMP-1845-4T-10	711	901	668	521	147	450	515	485	M8	302	560	305	370	444	202	284	164	361	11.5	12	538	502	340	140	179.5
CMP-1845-6T	711	901	630	483	147	450	515	485	M8	302	560	305	370	444	202	284	164	361	11.5	12	538	502	340	140	179.5
CMP-2050-4T-10	797	987	700.5	538	162.5	500	565	535	M10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-4T-12'5	797	987	752.5	590	162.5	500	565	535	M10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-4T-15	797	987	805.5	643	162.5	500	565	535	M10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-4T-20	797	987	805.5	643	162.5	500	565	535	M10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-6T	797	987	700.5	538	162.5	500	565	535	M10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2563-6T	1027	1213	1016	805	211	630	710	675	M10	460	742	378	512	706	330	410	230	600	17	14	590	540	450	200	239

* Recommended nominal diameter for duct.

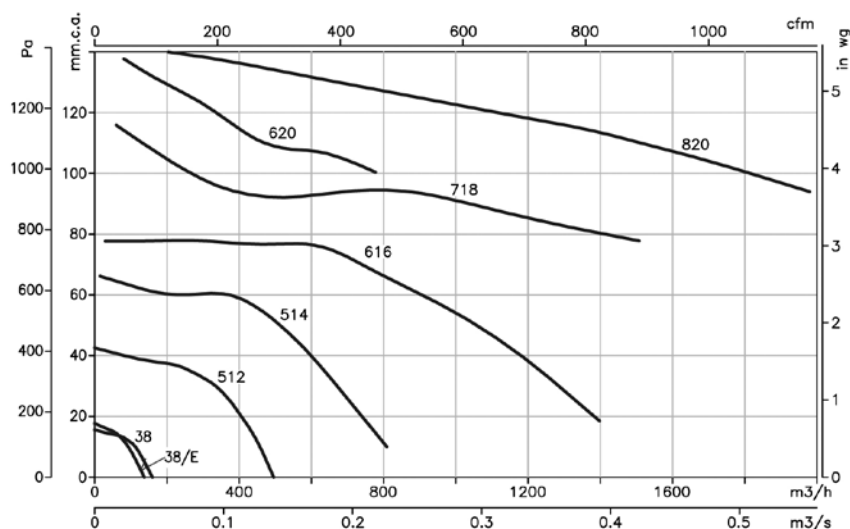
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

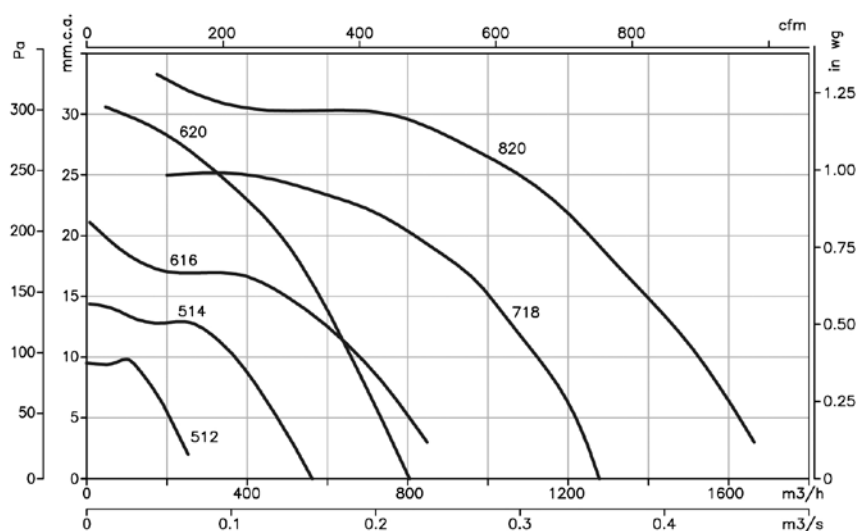
Pe = Static pressure in mm.w.c., Pa and inwg.

2T/2M=3600 r/min

CMP-38...820

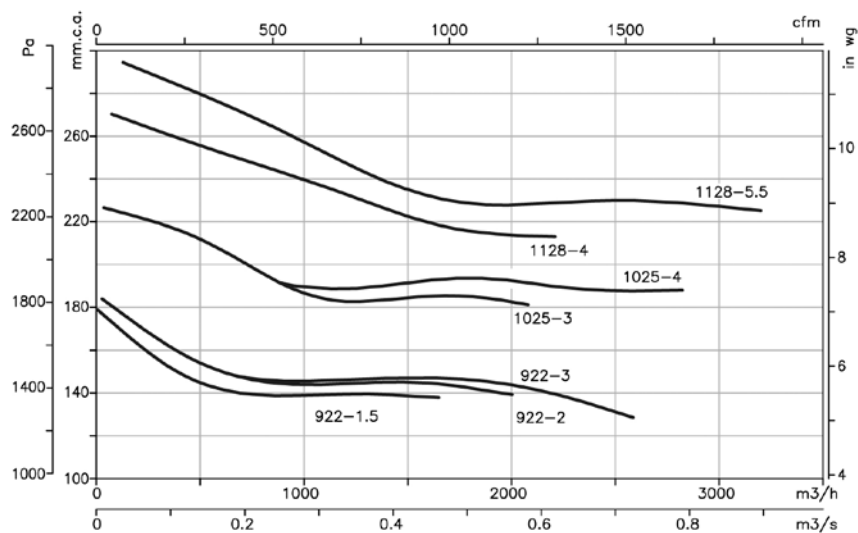


4T/4M=1800 r/min



2T=3600 r/min

CMP-922...1231

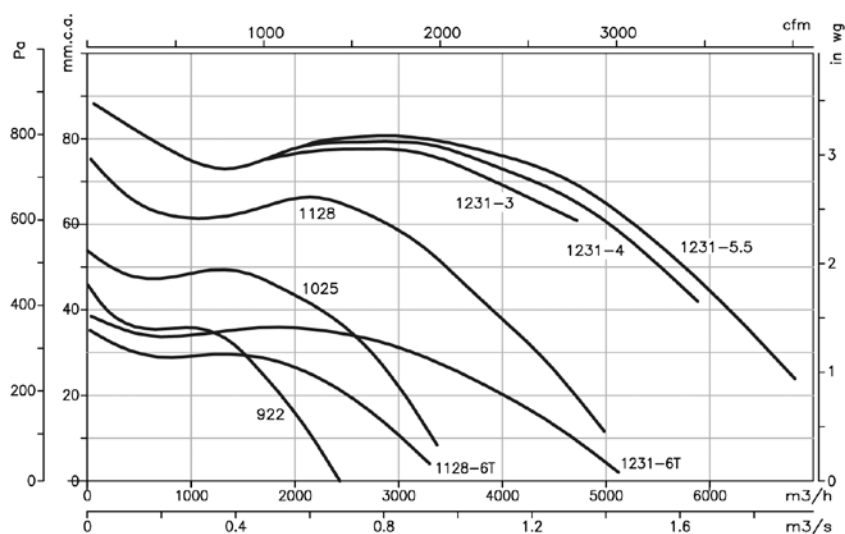


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

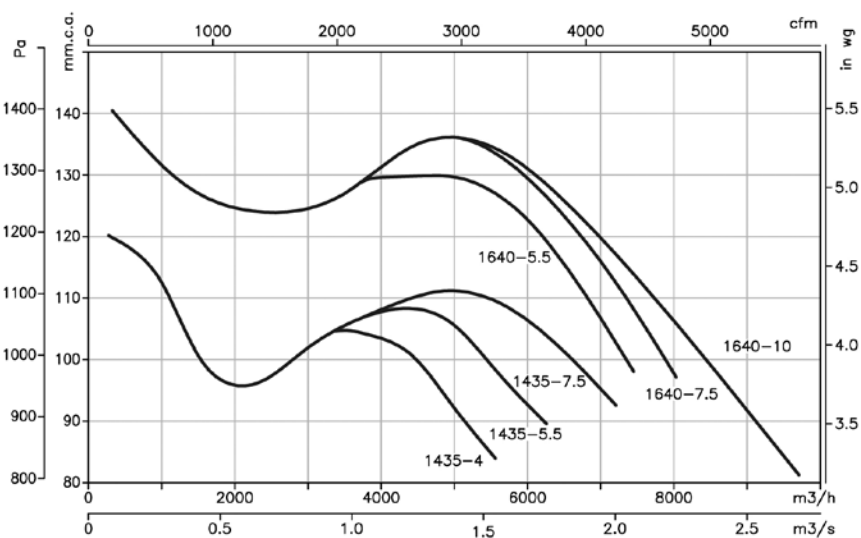
Pe = Static pressure in mm.w.c., Pa and inwg.

4T=1500 r/min 6T=1200 r/min

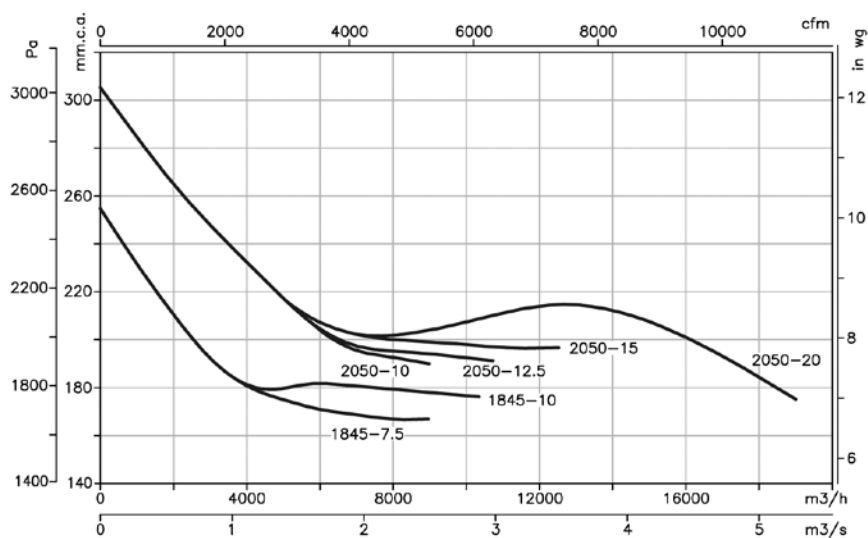


CMP-1435...2563

4T=1800 r/min



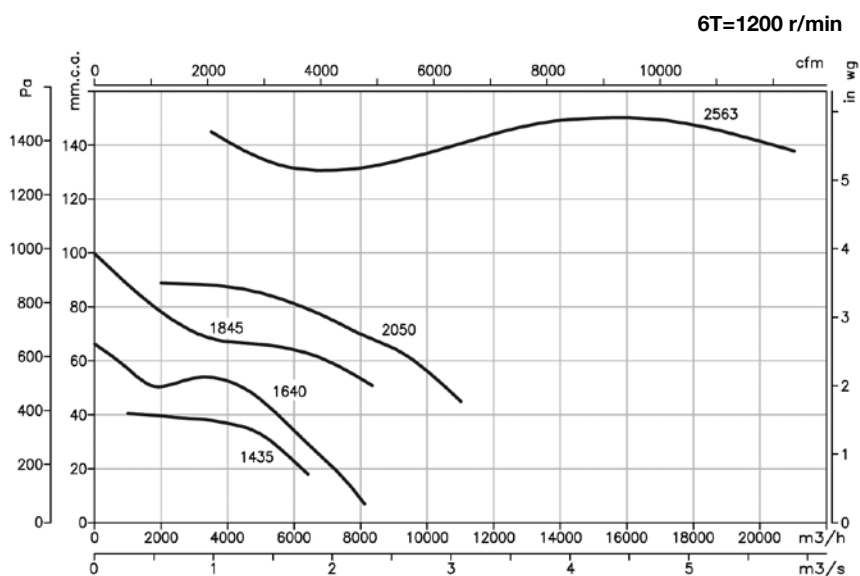
4T=1800 r/min



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

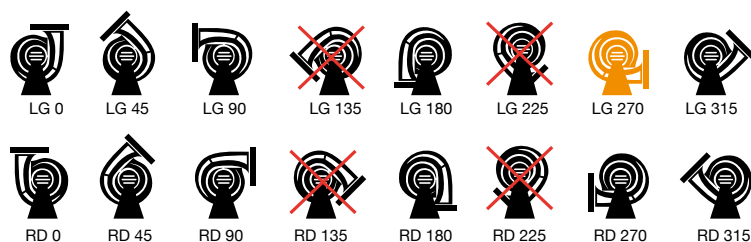
Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply

LG 180 and RD 180 positions on request and with special fixing measures.



Accessories

See accessories section.



CJBX CJBX/AL

CJBX: Soundproofed belt-driven ventilation units fitted with double-inlet fans of the CBX, CBXC and CBXR series

CJBX/AL: Soundproofed belt-driven ventilation units with aluminium profiles fitted with double-inlet fans of the CBX, CBXC and CBXR series



CJBX



CJBX/AL

Fan:

- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Impeller with forward-facing blades made from galvanised sheet steel
- Stuffing-box for cable input
- CJBX/AL: with aluminium profiles

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Max. air temperature to transport: -20°C.+ 60°C.

Finish:

- Anticorrosive galvanized sheet steel.

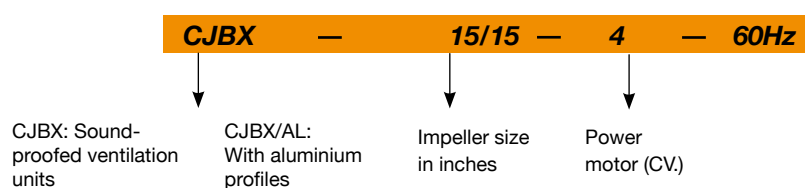
On request:

- With circular inlet



High-quality, robust impeller, dynamically balanced in accordance with ISO-1940

Order code



Technical characteristics

60Hz

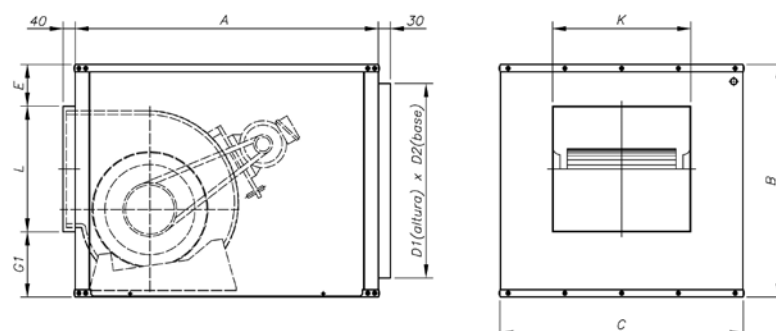
Model			Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	Assembly type
				220V	380V	660V					
CJBX	CJBX/AL	7/7-0.25	1090	1.1	0.64		0.18	1050	48	37.0	A
CJBX	CJBX/AL	7/7-0.33	1220	1.4	0.78		0.25	1100	50	37.8	A
CJBX	CJBX/AL	7/7-0.5	1420	1.8	1.05		0.37	1250	53	39.0	A
CJBX	CJBX/AL	7/7-0.75	1600	2.5	1.45		0.55	1450	56	41.0	A
CJBX	CJBX/AL	7/7-1	1790	3.3	1.90		0.75	1500	58	42.5	A
CJBX	CJBX/AL	9/9-0.25	825	1.1	0.64		0.18	1700	45	48.0	A

Technical characteristics

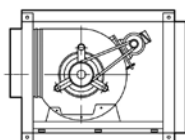
Model			Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	Assembly type
				220V	380V	660V					
CJBX	CJBX/AL	9/9-0.33	920	1.4	0.78		0.25	1800	48	50.0	A
CJBX	CJBX/AL	9/9-0.5	1020	1.8	1.05		0.37	2200	51	51.5	A
CJBX	CJBX/AL	9/9-0.75	1050	2.5	1.45		0.55	2900	55	54.5	A
CJBX	CJBX/AL	9/9-1	1070	3.3	1.90		0.75	3200	56	56.0	A
CJBX	CJBX/AL	9/9-1.5	1260	4.5	2.59		1.10	3750	60	59.0	A
CJBX	CJBX/AL	10/10-0.5	845	1.8	1.05		0.37	2950	52	55.0	A
CJBX	CJBX/AL	10/10-0.75	845	2.5	1.45		0.55	3800	56	57.0	A
CJBX	CJBX/AL	10/10-1	960	3.3	1.90		0.75	4175	58	58.5	A
CJBX	CJBX/AL	10/10-1.5	1070	4.5	2.59		1.10	4800	61	61.3	A
CJBX	CJBX/AL	10/10-2	1140	6.0	3.45		1.50	5400	63	64.6	A
CJBX	CJBX/AL	12/12-0.5	595	1.8	1.05		0.37	4200	52	69.0	A
CJBX	CJBX/AL	12/12-0.75	675	2.5	1.45		0.55	4800	54	71.0	A
CJBX	CJBX/AL	12/12-1	765	3.3	1.90		0.75	5400	57	72.4	A
CJBX	CJBX/AL	12/12-1.5	855	4.5	2.59		1.10	5800	59	75.3	A
CJBX	CJBX/AL	12/12-2	965	6.0	3.45		1.50	6500	62	78.6	A
CJBX	CJBX/AL	12/12-3	1180	8.4	4.85		2.20	7400	65	87.0	A
CJBX	CJBX/AL	15/15-0.75	525	2.5	1.45		0.55	5900	49	85.0	A
CJBX	CJBX/AL	15/15-1	595	3.3	1.90		0.75	6500	52	86.4	A
CJBX	CJBX/AL	15/15-1.5	635	4.5	2.59		1.10	7500	54	89.3	A
CJBX	CJBX/AL	15/15-2	670	6.0	3.45		1.50	8200	56	92.6	A
CJBX	CJBX/AL	15/15-3	740	8.4	4.85		2.20	9500	59	101.0	A
CJBX	CJBX/AL	15/15-4	805	11.2	6.48		3.00	10600	61	103.0	A
CJBX	CJBX/AL	15/15-5.5	965	15.0	8.65		4.00	12000	63	108.0	B
CJBX	CJBX/AL	18/18-1.5	480	4.5	2.59		1.10	9000	48	122.0	A
CJBX	CJBX/AL	18/18-2	605	6.0	3.45		1.50	9250	51	125.3	A
CJBX	CJBX/AL	18/18-3	590	8.4	4.85		2.20	11500	54	133.7	A
CJBX	CJBX/AL	18/18-4	640	11.2	6.48		3.00	13200	56	135.7	B
CJBX	CJBX/AL	18/18-5.5	675	15.0	8.65		4.00	15000	58	141.0	B
CJBX	CJBX/AL	18/18-7.5	760		11.40	6.60	5.50	17000	60	154.5	B
CJBX	CJBX/AL	20/20-2	430	6.0	3.45		1.50	11500	56	222.0	B
CJBX	CJBX/AL	20/20-3	530	8.4	4.85		2.20	12800	57	230.5	B
CJBX	CJBX/AL	20/20-4	575	11.2	6.48		3.00	14200	58	232.5	B
CJBX	CJBX/AL	20/20-5.5	635	15.0	8.65		4.00	15500	61	237.5	B
CJBX	CJBX/AL	20/20-7.5	675		11.40	6.60	5.50	17500	63	251.5	B
CJBX	CJBX/AL	20/20-10	725		14.80	8.50	7.50	20000	65	266.5	B
CJBX	CJBX/AL	22/22-2	385	6.0	3.45		1.50	14000	50	250.0	B
CJBX	CJBX/AL	22/22-3	475	8.4	4.85		2.20	15000	54	257.0	B
CJBX	CJBX/AL	22/22-4	515	11.2	6.48		3.00	17000	55	261.0	B
CJBX	CJBX/AL	22/22-5.5	570	15.0	8.65		4.00	19000	57	265.0	B
CJBX	CJBX/AL	22/22-7.5	605		11.40	6.60	5.50	21500	60	279.0	B
CJBX	CJBX/AL	22/22-10	725		14.80	8.50	7.50	22000	63	290.0	B
CJBX	CJBX/AL	22/22-15	765		21.00	12.10	11.00	27000	65	316.0	B
CJBX	CJBX/AL	25/25-3	375	8.4	4.85		2.20	17000	53	297.0	B
CJBX	CJBX/AL	25/25-4	405	11.2	6.48		3.00	20500	55	299.0	B
CJBX	CJBX/AL	25/25-5.5	450	15.0	8.65		4.00	22000	57	304.0	B
CJBX	CJBX/AL	25/25-7.5	485		11.40	6.60	5.50	24500	59	318.0	B
CJBX	CJBX/AL	25/25-10	545		14.80	8.50	7.50	28000	61	329.0	B
CJBX	CJBX/AL	25/25-15	610		21.00	12.10	11.00	32000	64	349.0	B
CJBX	CJBX/AL	30/28-3	330	8.4	4.85		2.20	20000	54	380.0	B
CJBX	CJBX/AL	30/28-4	360	11.2	6.48		3.00	22000	56	382.0	B
CJBX	CJBX/AL	30/28-5.5	380	15.0	8.65		4.00	25000	59	387.0	B
CJBX	CJBX/AL	30/28-7.5	380		11.40	6.60	5.50	31500	60	402.0	B
CJBX	CJBX/AL	30/28-10	410		14.80	8.50	7.50	36000	63	415.0	B
CJBX	CJBX/AL	30/28-15	430		21.00	12.10	11.00	42000	65	426.0	B
CJBX	CJBX/AL	30/28-20	480		28.50	16.50	15.00	48000	68	449.0	B

Dimensions in mm

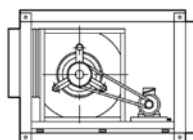
CJBX



Installation A

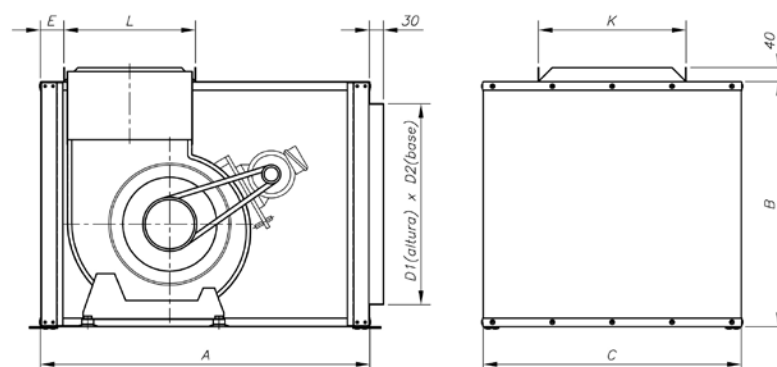


Installation B

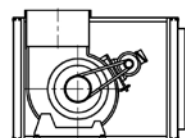


Model	A	B	C	D1xD2	E	G1	L	K
CJBX-7/7	650	460	500	364x404	114	142	204	226
CJBX-9/9	700	522	550	426x454	108.5	157.5	256	296
CJBX-10/10	750	575	600	479x504	107	182	286	322
CJBX-12/12	850	650	700	554x604	95	214	341	383
CJBX-15/15	1000	755	800	659x704	74	277	404	471
CJBX-18/18	1200	875	1000	779x904	57.5	337.5	480	537
CJBX-20/20	1400	1175	1100	1079x1004	147	428	600	600
CJBX-22/22	1460	1250	1250	1154x1154	145	413	692	653
CJBX-25/25	1550	1375	1450	1279x1354	152	431	792	762
CJBX-30/28	1800	1600	1650	1504x1554	140	528	932	885

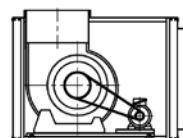
CJBX vertical impulsion



Installation A



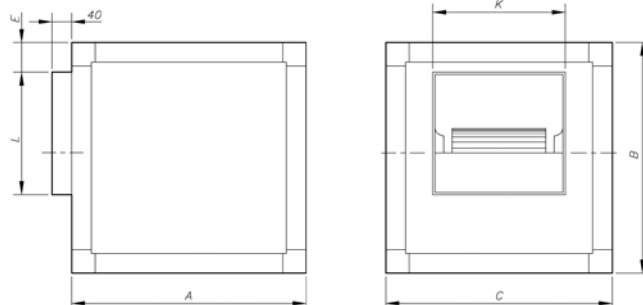
Installation B



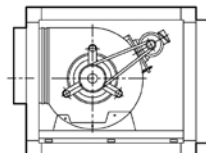
Model	A	B	C	D1xD2	E	L	K
CJBX-7/7	650	460	500	364x404	30	204	226
CJBX-9/9	700	522	550	426x454	30	256	296
CJBX-10/10	750	575	600	479x504	30	286	322
CJBX-12/12	850	650	700	554x604	30	341	383
CJBX-15/15	1000	755	800	659x704	30	404	471
CJBX-18/18	1200	875	1000	779x904	30	484	537
CJBX-20/20	1445	1175	1100	1079x1004	60	600	600
CJBX-22/22	1580	1250	1250	1154x1154	60	692	653
CJBX-25/25	1675	1375	1450	1279x1354	60	792	762
CJBX-30/28	1935	1600	1650	1504x1554	60	932	885

Dimensions in mm

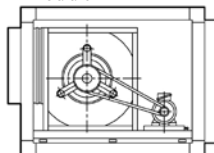
CJBX/AL



Installation A

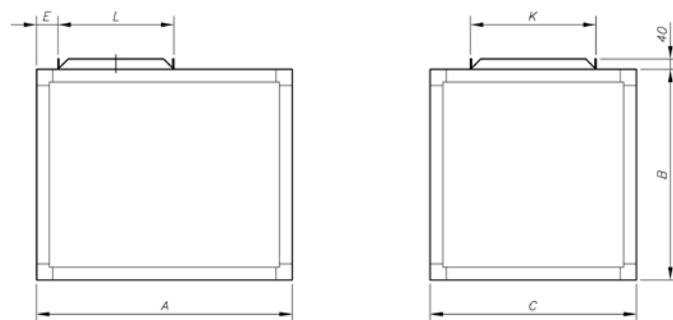


Installation B

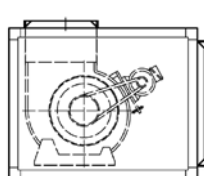


Model	A	B	C	E	L	K
CJBX/AL-7/7	650	460	460	75	216	238
CJBX/AL-9/9	700	520	520	75	268	305
CJBX/AL-10/10	750	575	575	75	296	330
CJBX/AL-12/12	850	650	650	75	346	390
CJBX/AL-15/15	1000	755	755	85	411	482
CJBX/AL-18/18	1200	1000	1000	185	491	550
CJBX/AL-20/20	1400	1170	1250	143	620	618
CJBX/AL-22/22	1480	1230	1300	127.5	711	681
CJBX/AL-25/25	1600	1350	1500	114	810	781
CJBX/AL-30/28	1850	1600	1700	125	949	906

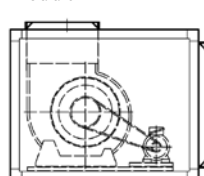
CJBX/AL vertical impulsion



Installation A



Installation B



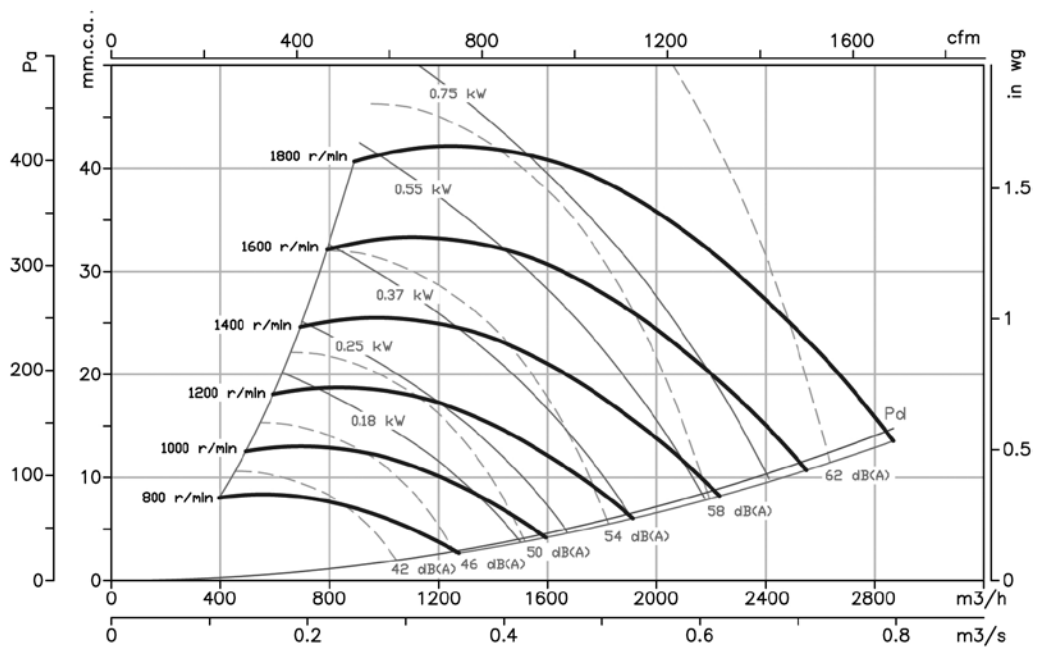
Model	A	B	C	E	L	K
CJBX/AL-7/7	650	460	460	75	216	238
CJBX/AL-9/9	700	520	520	75	268	305
CJBX/AL-10/10	750	575	575	75	296	330
CJBX/AL-12/12	850	650	650	75	346	390
CJBX/AL-15/15	1000	755	755	85	411	482
CJBX/AL-18/18	1200	1000	1000	185	491	550
CJBX/AL-20/20	1400	1170	1250	349.5	620	618
CJBX/AL-22/22	1480	1230	1300	342.5	711	681
CJBX/AL-25/25	1600	1350	1500	366.5	810	781
CJBX/AL-30/28	1850	1600	1700	459.5	949	906

Characteristic Curves

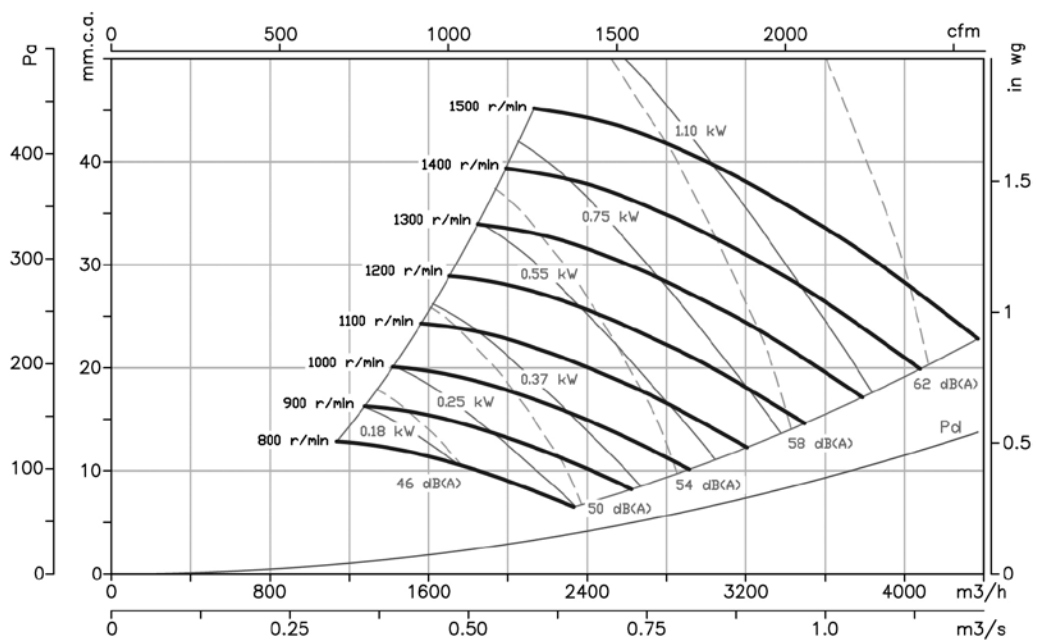
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

7/7



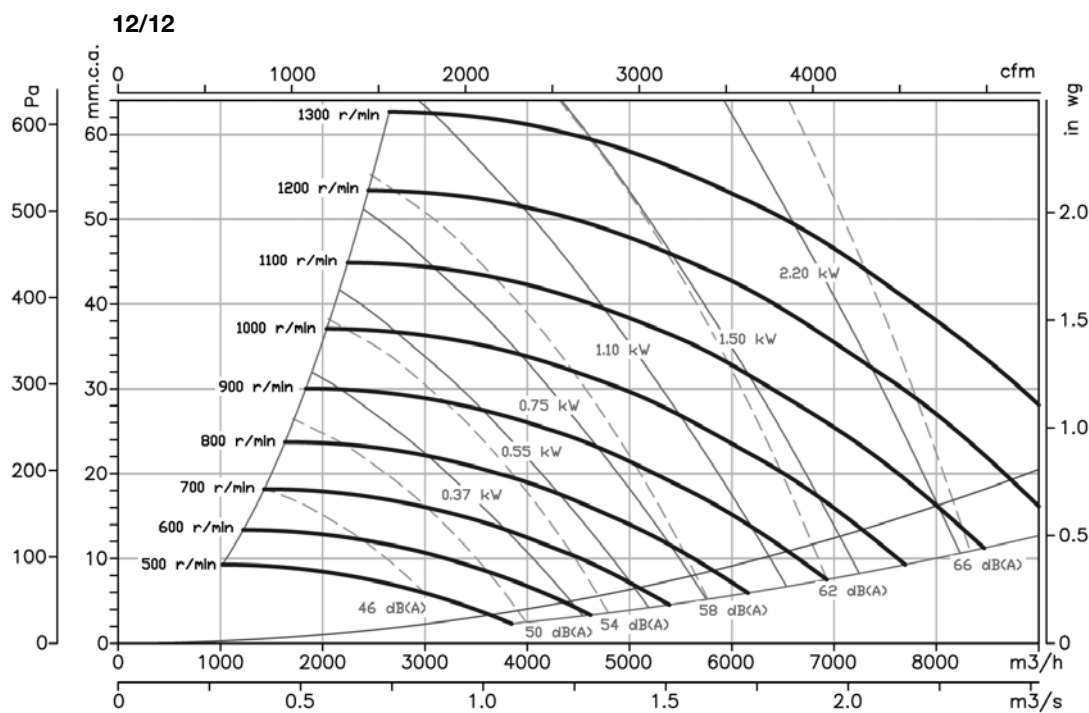
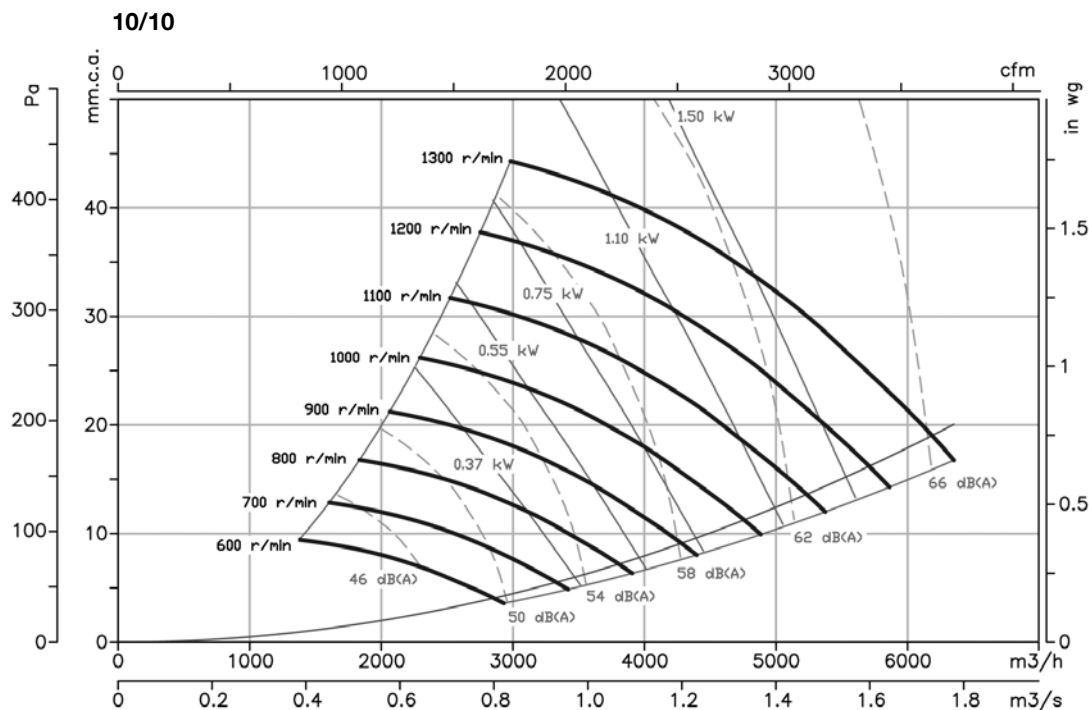
9/9



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

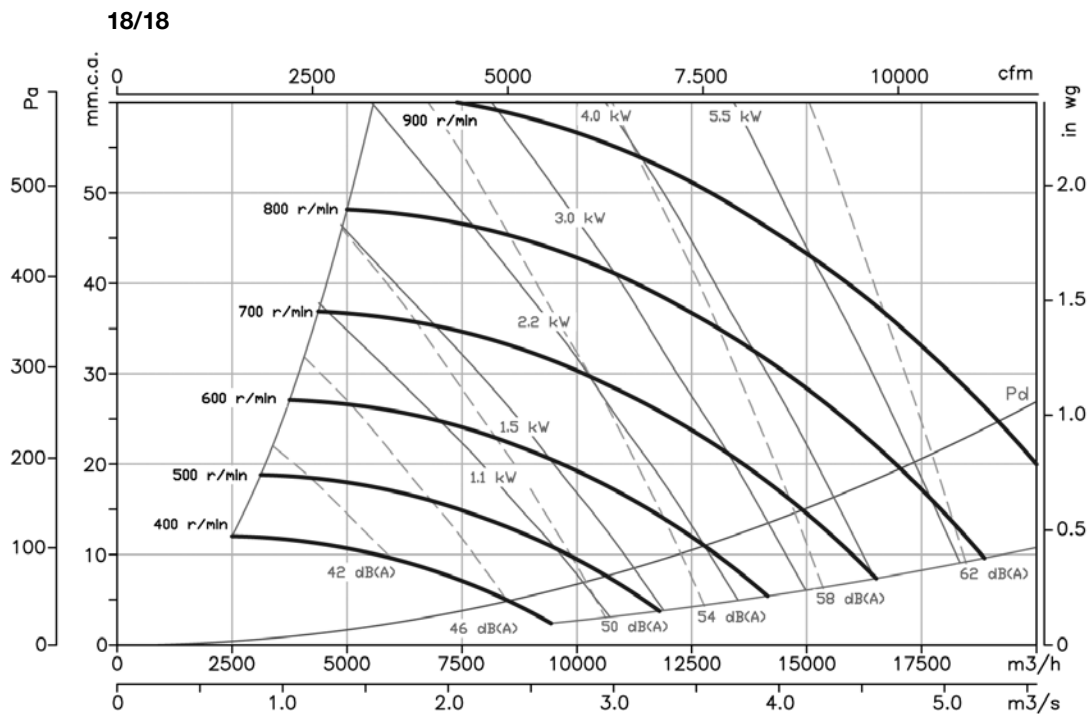
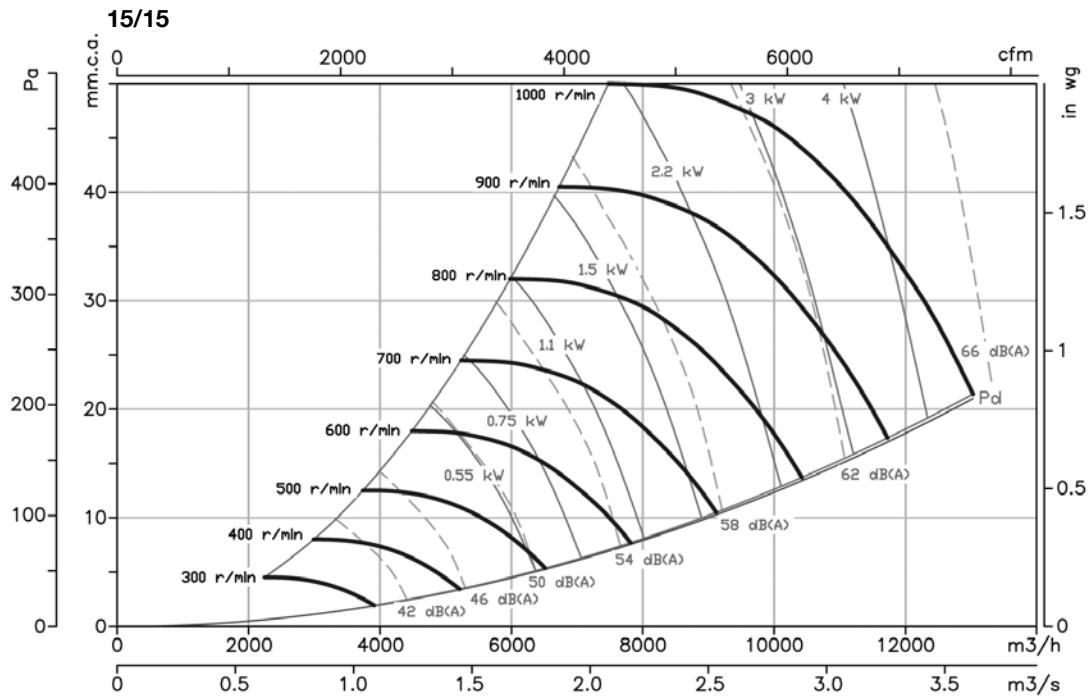
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

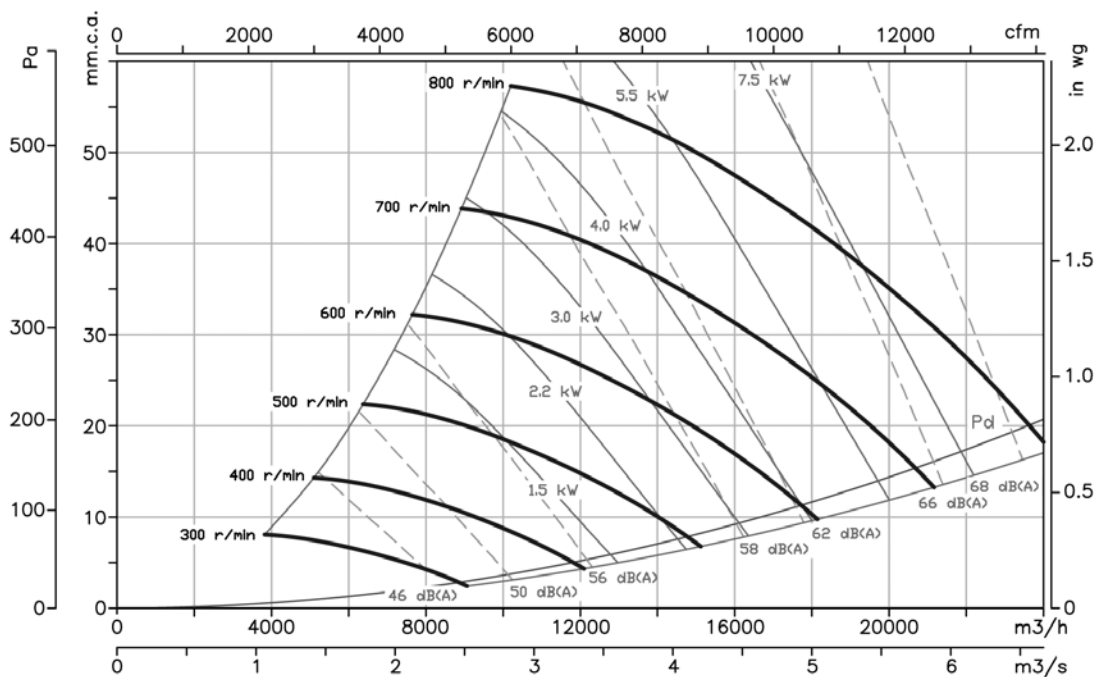


Characteristic Curves

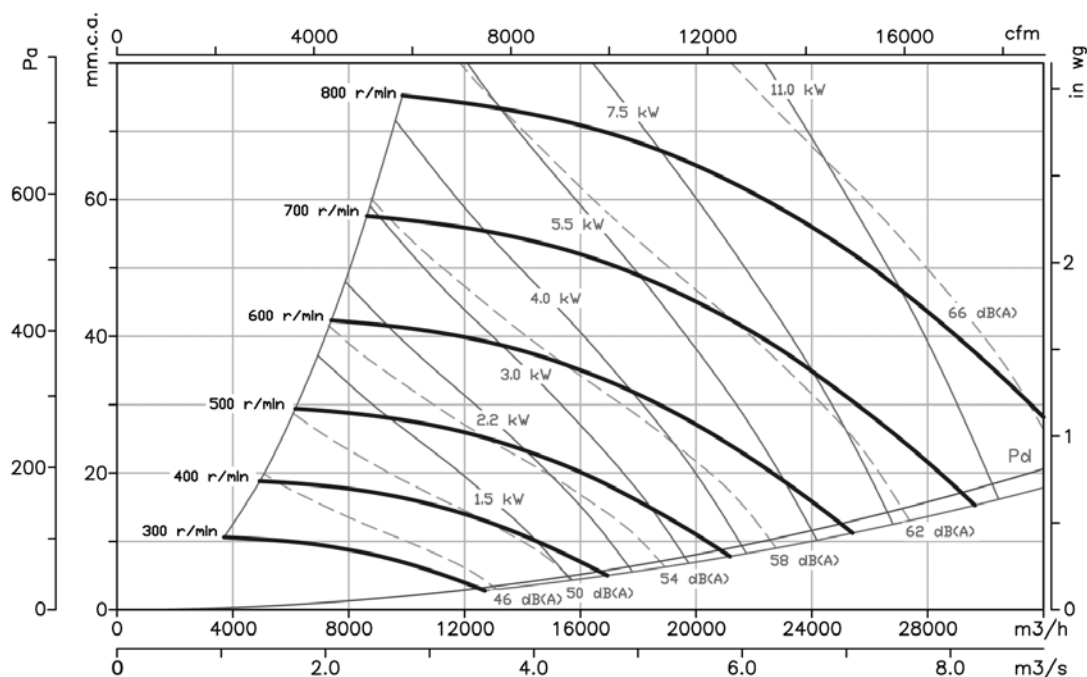
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

20/20



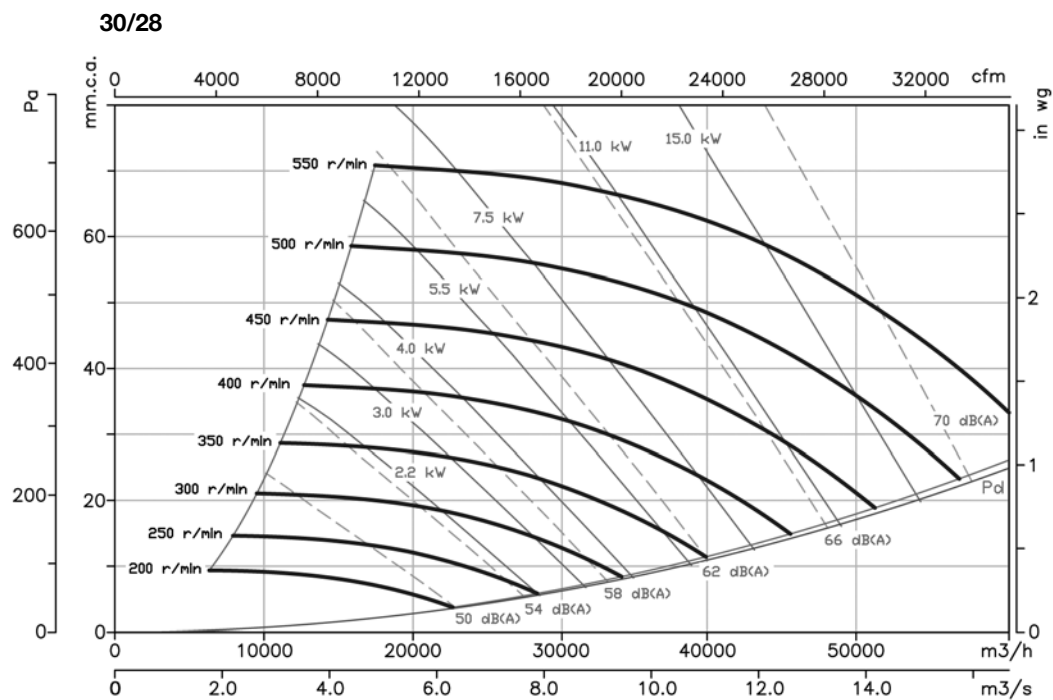
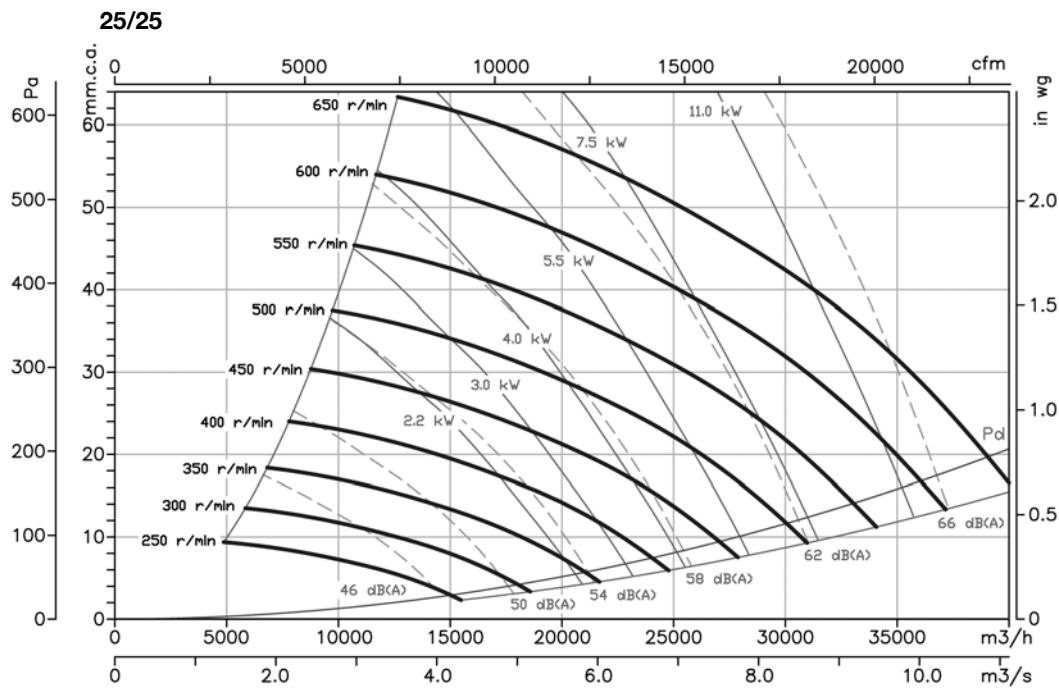
22/22



Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



INT

C2V

RM

AR

RFT

AET

VIS

TEJ

CDXR CDXRT CJDXR

CDXR: Double-inlet, belt-driven centrifugal fans with axis outlet on both sides and impeller with backward-facing blades

CDXRT: Double-inlet, belt-driven centrifugal fans with electric motor, pulley, belt kit and standardised protectors and impeller with backward-facing blades.

CJDXR: Soundproofed ventilation units with backward-facing blades, fitted with CDXR series fans on rubber dampers



CDXR



CDXRT



CJDXR

Fan:

- Galvanized sheet steel casing
- Impeller with backward-facing blades made from galvanised sheet steel
- Galvanised sheet steel structure with thermal insulation and soundproofing (CJDXR)
- Stuffing-box for cable input (CJDXR)

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz. (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Max. air temperature to transport: -20°C. +60°C.

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Different outlet positions
- Special windings for different voltages
- With 2 speed motors

Order code

CDXR — 450 — 60Hz

CDXR: Centrifugal double-inlet fans with axis outlet and impeller with backward-facing blades.

Impeller size in mm

CDXRT — 450 — 3 — 60Hz

CDXRT: Double-inlet, belt-driven centrifugal fans with electric motor impeller, with backward-facing blades.

Impeller size in mm

Power motor (CV.)

CJDXR: Ventilation units with impeller with backward-facing blades.

60Hz

Technical characteristics

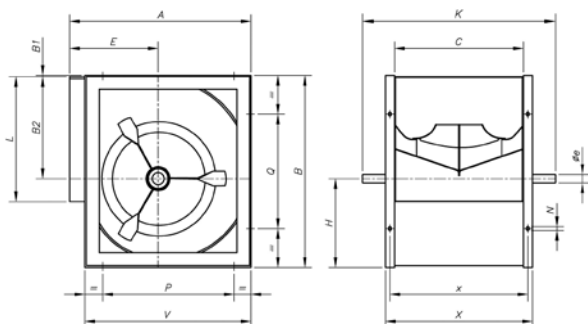
Model	Max. Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C)		Approx. weight (Kg)
				min.	max.	
CDXR-200	4900	2.2	3950	-20	85	10.0
CDXR-250	4100	3.0	5500	-20	85	18.0
CDXR-315	3200	4.0	10550	-20	85	32.6
CDXR-355	2800	5.5	13950	-20	85	42.7
CDXR-400	2400	5.5	16000	-20	85	50.6
CDXR-450	2200	7.5	20700	-20	85	67.5
CDXR-500	2000	11.0	27200	-20	85	84.2
CDXR-560	1800	15.0	34710	-20	85	142.0
CDXR-630	1700	22.0	47000	-20	85	168.0
CDXR-710	1400	22	53750	-20	85	223

Technical characteristics

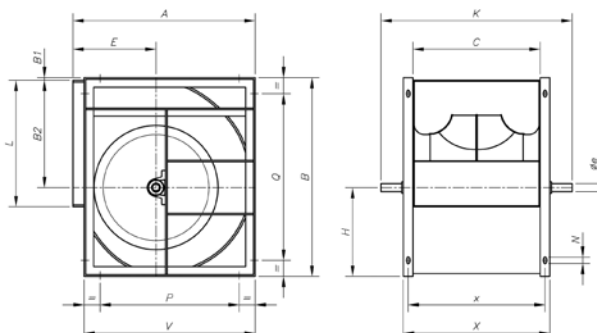
Model			Max. Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C) min. max.		Approx. weight (Kg)	Assembly Type
CDXRT	CJDXR	355-0.5	1085	0.37	5600	-20	85	47.7	A
CDXRT	CJDXR	355-0.75	1230	0.55	6400	-20	85	49.3	A
CDXRT	CJDXR	355-1	1360	0.75	7100	-20	85	50.9	A
CDXRT	CJDXR	355-1.5	1540	1.10	8060	-20	85	52.6	A
CDXRT	CJDXR	355-2	1700	1.50	8890	-20	85	55.6	A
CDXRT	CJDXR	355-3	1930	2.20	10100	-20	85	58.4	A
CDXRT	CJDXR	355-4	2180	3.00	11395	-20	85	65.7	A
CDXRT	CJDXR	355-5.5	2400	4.00	12545	-20	85	72.7	B
CDXRT	CJDXR	355-7.5	2670	5.50	13955	-20	85	85.7	B
CDXRT	CJDXR	400-0.75	1010	0.55	7340	-20	85	57.2	A
CDXRT	CJDXR	400-1	1130	0.75	8140	-20	85	58.8	A
CDXRT	CJDXR	400-1.5	1290	1.10	9350	-20	85	60.5	A
CDXRT	CJDXR	400-2	1420	1.50	10260	-20	85	63.5	A
CDXRT	CJDXR	400-3	1620	2.20	11650	-20	85	66.3	A
CDXRT	CJDXR	400-4	1820	3.00	13110	-20	85	73.6	A
CDXRT	CJDXR	400-5.5	2000	4.00	14430	-20	85	80.6	B
CDXRT	CJDXR	400-7.5	2230	5.50	16040	-20	85	93.6	B
CDXRT	CJDXR	450-1	940	0.75	9500	-20	85	75.7	A
CDXRT	CJDXR	450-1.5	1075	1.10	10750	-20	85	77.4	A
CDXRT	CJDXR	450-2	1190	1.50	11960	-20	85	80.4	A
CDXRT	CJDXR	450-3	1340	2.20	13600	-20	85	83.2	A
CDXRT	CJDXR	450-4	1510	3.00	15100	-20	85	90.5	A
CDXRT	CJDXR	450-5.5	1670	4.00	16835	-20	85	97.5	B
CDXRT	CJDXR	450-7.5	1850	5.50	18500	-20	85	110.5	B
CDXRT	CJDXR	450-10	2060	7.50	20760	-20	85	120.5	B
CDXRT	CJDXR	500-1.5	880	1.10	12460	-20	85	94.1	A
CDXRT	CJDXR	500-2	970	1.50	13815	-20	85	97.1	A
CDXRT	CJDXR	500-3	1100	2.20	15700	-20	85	99.9	A
CDXRT	CJDXR	500-4	1240	3.00	17650	-20	85	107.2	A
CDXRT	CJDXR	500-5.5	1370	4.00	19430	-20	85	114.2	B
CDXRT	CJDXR	500-7.5	1510	5.50	21600	-20	85	127.2	B
CDXRT	CJDXR	500-10	1675	7.50	23950	-20	85	137.2	B
CDXRT	CJDXR	500-15	1910	11.00	27220	-20	85	156.2	B
CDXRT	CJDXR	560-2	810	1.50	15620	-20	85	154.9	A
CDXRT	CJDXR	560-3	925	2.20	17830	-20	85	157.7	A
CDXRT	CJDXR	560-4	1050	3.00	20380	-20	85	165.0	A
CDXRT	CJDXR	560-5.5	1150	4.00	22170	-20	85	172.0	B
CDXRT	CJDXR	560-7.5	1290	5.50	24940	-20	85	185.0	B
CDXRT	CJDXR	560-10	1420	7.50	27658	-20	85	195.0	B
CDXRT	CJDXR	560-15	1610	11.00	31050	-20	85	214.0	B
CDXRT	CJDXR	560-20	1800	15.00	34710	-20	85	227.0	B
CDXRT	CJDXR	630-3	740	2.20	21210	-20	85	183.7	A
CDXRT	CJDXR	630-4	830	3.00	23860	-20	85	191.0	A
CDXRT	CJDXR	630-5.5	920	4.00	26260	-20	85	198.0	B
CDXRT	CJDXR	630-7.5	1020	5.50	29200	-20	85	211.0	B
CDXRT	CJDXR	630-10	1135	7.50	32385	-20	85	221.0	B
CDXRT	CJDXR	630-15	1285	11.00	36800	-20	85	240.0	B
CDXRT	CJDXR	630-20	1450	15.00	41415	-20	85	253.0	B
CDXRT	CJDXR	630-25	1550	18.50	44410	-20	85	270.0	B
CDXRT	CJDXR	630-30	1640	22.00	47050	-20	85	313.0	B
CDXRT	CJDXR	710-3	580	2.20	23200	-20	85	238.7	A
CDXRT	CJDXR	710-4	655	3.00	26200	-20	85	246.0	A
CDXRT	CJDXR	710-5.5	730	4.00	29200	-20	85	253.0	B
CDXRT	CJDXR	710-7.5	805	5.50	32200	-20	85	266.0	B
CDXRT	CJDXR	710-10	890	7.50	35600	-20	85	276.0	B
CDXRT	CJDXR	710-15	1015	11.00	40600	-20	85	295.0	B
CDXRT	CJDXR	710-20	1140	15.00	45600	-20	85	308.0	B
CDXRT	CJDXR	710-25	1225	18.50	49000	-20	85	325.0	B
CDXRT	CJDXR	710-30	1300	22.00	52000	-20	85	368.0	B

Dimensions in mm

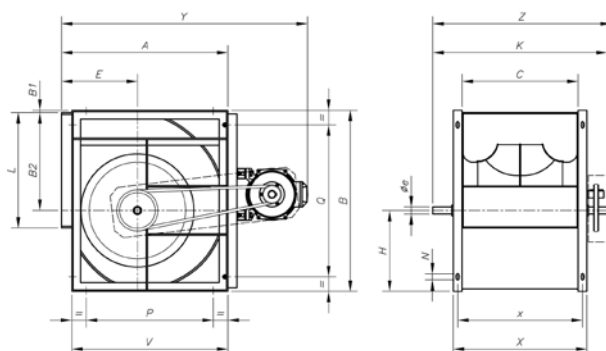
CDXR 200 - 250



CDXR 315...710



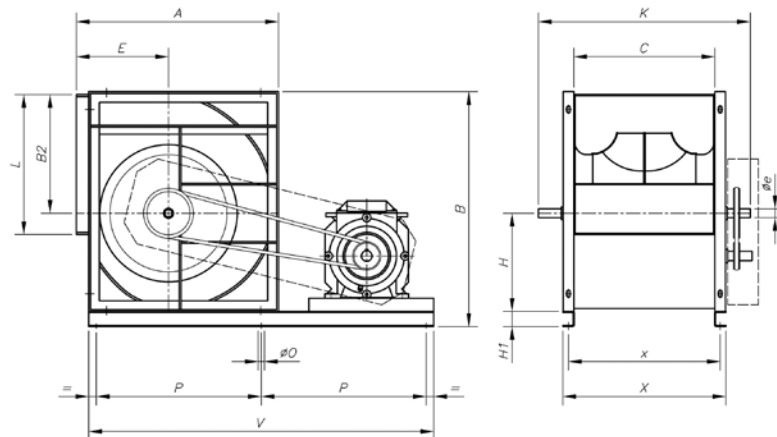
	A	B	B1	B2	C	E	øe	H	K	L	N	P	Q	V	X	x
CDXR-200	343	370	4	215	256	164	20	151	420	256	11x16	224	224	306	306	281
CDXR-250	419	461	4	270	322	195	20	187	490	322	11x16	224	224	384	372	347
CDXR-315	518	578	3	340	404	236	25	235	640	404	13x18	280	280	480	464	434
CDXR-355	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493
CDXR-400	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547
CDXR-450	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609
CDXR-500	800	918	5	538	638	352	35	375	915	638	13x18	530	530	750	718	678
CDXR-560	893	1030	8	602	715	390	40	420	1000	715	13x18	530	530	845	815	765
CDXR-630	999	1157	7	678.5	801	434	45	471.5	1090	801	13x18	530	530	946	901	851
CDXR-710	1121	1303	7	765	898	485	50	531	1255	898	17x22	630	630	1058	998	948

CDXRT
Installation A

Model	A	B	B1	B2	C	E	øe	H	K	L	N	P	Q	V	X	x	Y	Z
CDXRT-355-0'5	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	830	780
CDXRT-355-0'75	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	850	780
CDXRT-355-1	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	850	780
CDXRT-355-1'5	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	870	780
CDXRT-355-2	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	870	780
CDXRT-355-3	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	885	780
CDXRT-355-4	578	655	6	383	453	261	30	266	700	453	13x18	355	355	548	533	493	885	780
CDXRT-400-0'75	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	925	840
CDXRT-400-1	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	925	840
CDXRT-400-1'5	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	940	840
CDXRT-400-2	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	940	840
CDXRT-400-3	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	956	840
CDXRT-400-4	651	736	4.5	431.5	507	290	30	300	760	507	13x18	355	355	613	587	547	956	840
CDXRT-450-1	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609	1000	925
CDXRT-450-1'5	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609	1020	925
CDXRT-450-2	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609	1020	925
CDXRT-450-3	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609	1035	925
CDXRT-450-4	728	827	5	486	569	322	35	336	845	569	13x18	530	530	681	649	609	1035	925
CDXRT-500-1'5	800	918	5	538	638	352	35	375	915	638	13x18	530	530	750	718	678	1090	995
CDXRT-500-2	800	918	5	538	638	352	35	375	915	638	13x18	530	530	750	718	678	1090	995
CDXRT-500-3	800	918	5	538	638	352	35	375	915	638	13x18	530	530	750	718	678	1105	995
CDXRT-500-4	800	918	5	538	638	352	35	375	915	638	13x18	530	530	750	718	678	1105	995
CDXRT-560-2	893	1030	8	602	715	390	40	420	1000	715	13x18	530	530	845	815	765	1185	1080
CDXRT-560-3	893	1030	8	602	715	390	40	420	1000	715	13x18	530	530	845	815	765	1205	1080
CDXRT-560-4	893	1030	8	602	715	390	40	420	1000	715	13x18	530	530	845	815	765	1205	1080
CDXRT-630-3	999	1157	7	678.5	801	434	45	471.5	1090	801	13x18	530	530	946	901	851	1310	1170
CDXRT-630-4	999	1157	7	678.5	801	434	45	471.5	1090	801	13x18	530	530	946	901	851	1310	1170
CDXRT-710-3	1121	1303	7	765	898	485	50	531	1255	898	17x22	630	630	1058	998	948	1435	1335
CDXRT-710-4	1121	1303	7	765	898	485	50	531	1255	898	17x22	630	630	1058	998	948	1435	1335

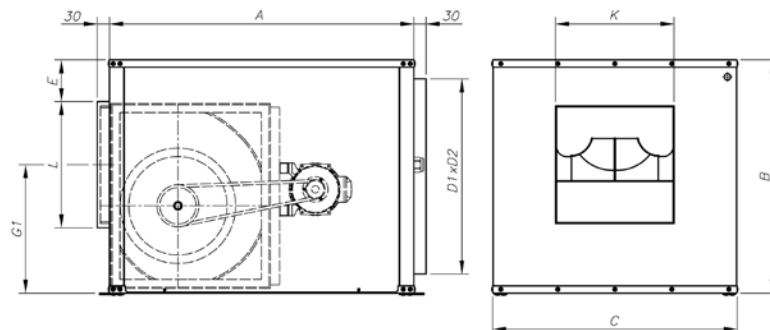
Dimensions in mm

CDXRT
Installation B

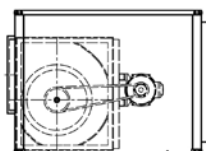


Model	A	B	B2	C	E	øe	H	H1	K	L	øO	P	V	x	X
CDXRT-355-5'5	578	715	383	453	261	30	266	60	700	453	12	495	1070	493	533
CDXRT-355-7'5	578	715	383	453	261	30	266	60	700	453	12	495	1070	493	533
CDXRT-400-5'5	651	796	431.5	507	290	30	300	60	760	507	12	540	1160	547	587
CDXRT-400-7'5	651	796	431.5	507	290	30	300	60	760	507	12	540	1160	547	587
CDXRT-450-5'5	728	887	486	569	322	35	336	60	845	569	12	635	1350	609	649
CDXRT-450-7'5	728	887	486	569	322	35	336	60	845	569	12	635	1350	609	649
CDXRT-450-10	728	887	486	569	322	35	336	60	845	569	12	635	1350	609	649
CDXRT-500-5'5	800	978	538	638	352	35	375	60	915	638	12	635	1350	678	718
CDXRT-500-7'5	800	978	538	638	352	35	375	60	915	638	12	635	1350	678	718
CDXRT-500-10	800	978	538	638	352	35	375	60	915	638	12	635	1350	678	718
CDXRT-500-15	800	978	538	638	352	35	375	60	915	638	12	635	1350	678	718
CDXRT-560-5'5	893	1090	602	715	390	40	420	60	1000	715	12	680	1440	765	815
CDXRT-560-7'5	893	1090	602	715	390	40	420	60	1000	715	12	680	1440	765	815
CDXRT-560-10	893	1090	602	715	390	40	420	60	1000	715	12	680	1440	765	815
CDXRT-560-15	893	1090	602	715	390	40	420	60	1000	715	12	680	1440	765	815
CDXRT-560-20	893	1090	602	715	390	40	420	60	1000	715	12	680	1440	765	815
CDXRT-630-5'5	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-7'5	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-10	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-15	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-20	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-25	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-630-30	999	1217	678.5	801	434	45	471.5	60	1090	801	12	745	1570	851	901
CDXRT-710-5'5	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-7'5	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-10	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-15	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-20	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-25	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998
CDXRT-710-30	1121	1363	765	898	485	50	531	60	1255	898	12	860	1800	948	998

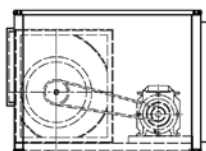
CJDXR



Installation A



Installation B

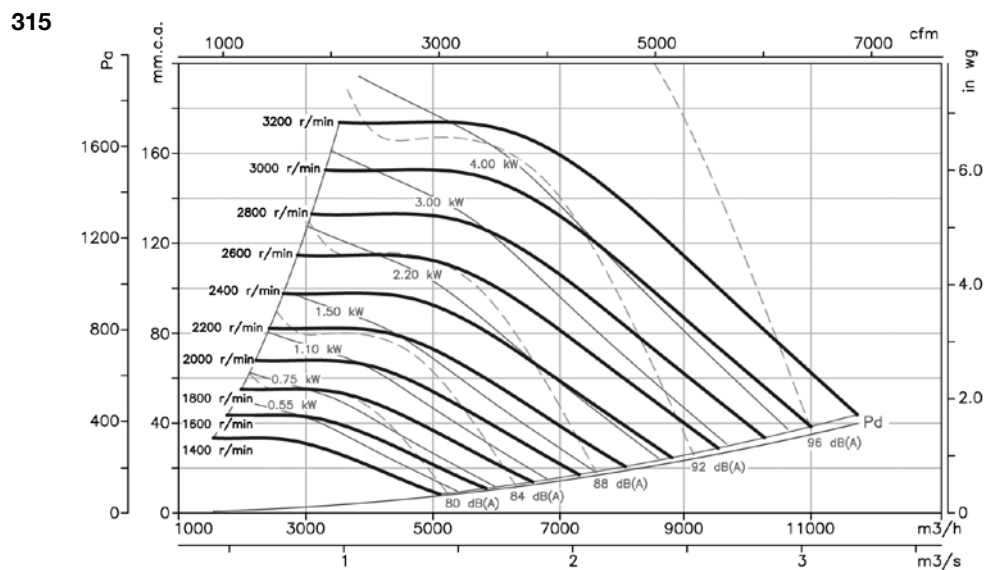
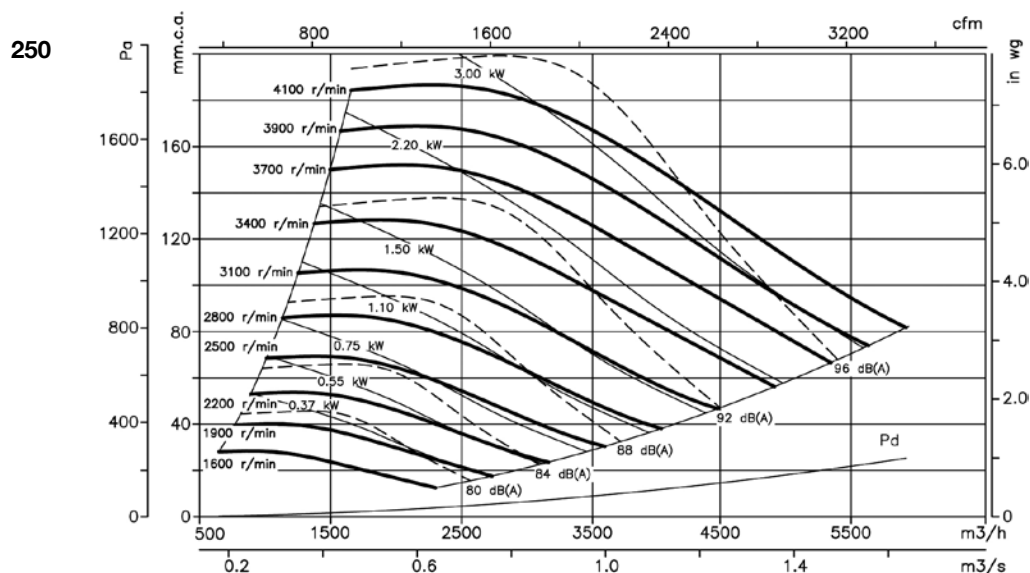
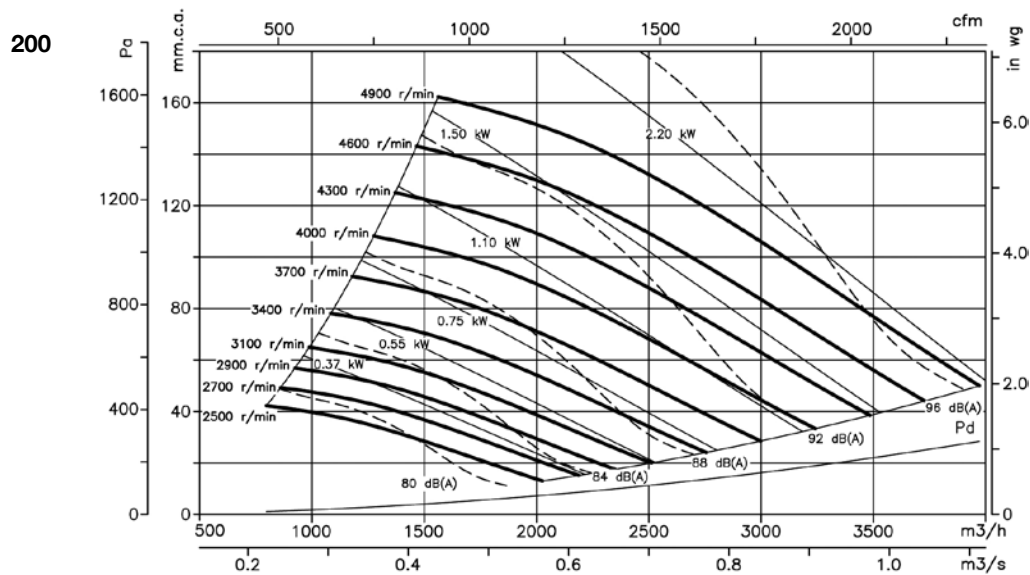


Model	A	B	C	D1xD2	E	G1	LxK
CJDXR-355	1000	755	800	661x706	36.5	484	468.5x468.5
CJDXR-400	1200	875	1000	781x906	58	555.5	522.5x522.5
CJDXR-450	1300	1025	1050	929x956	98	634.5	584.5x584.5
CJDXR-500	1400	1175	1100	1079x1004	157.5	691	635.5x635.5
CJDXR-560	1480	1250	1250	1154x1154	118	766.5	730.5x730.5
CJDXR-630	1660	1375	1450	1279x1354	115	851.5	816.5x816.5
CJDXR-710	1800	1600	1650	1504x1554	194	949	913.5x913.5

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

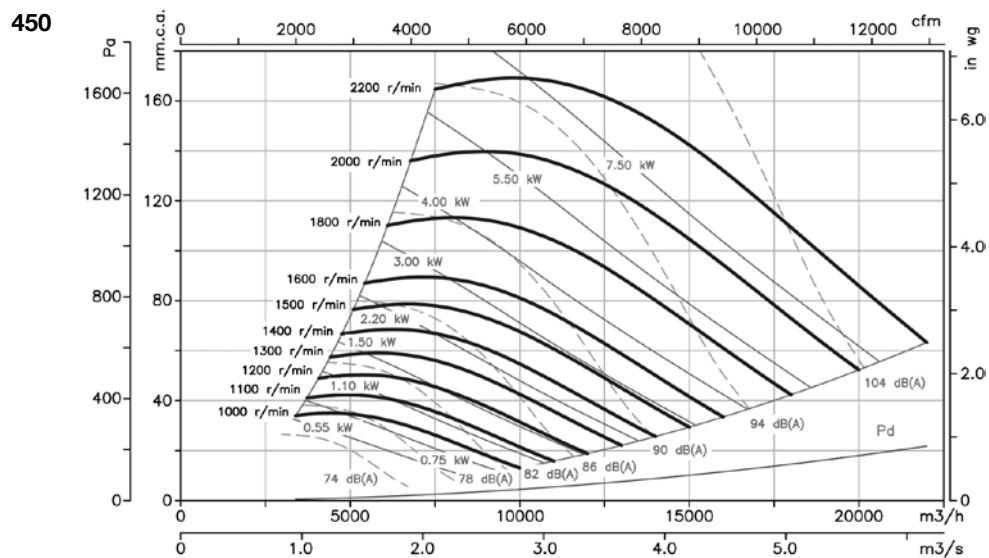
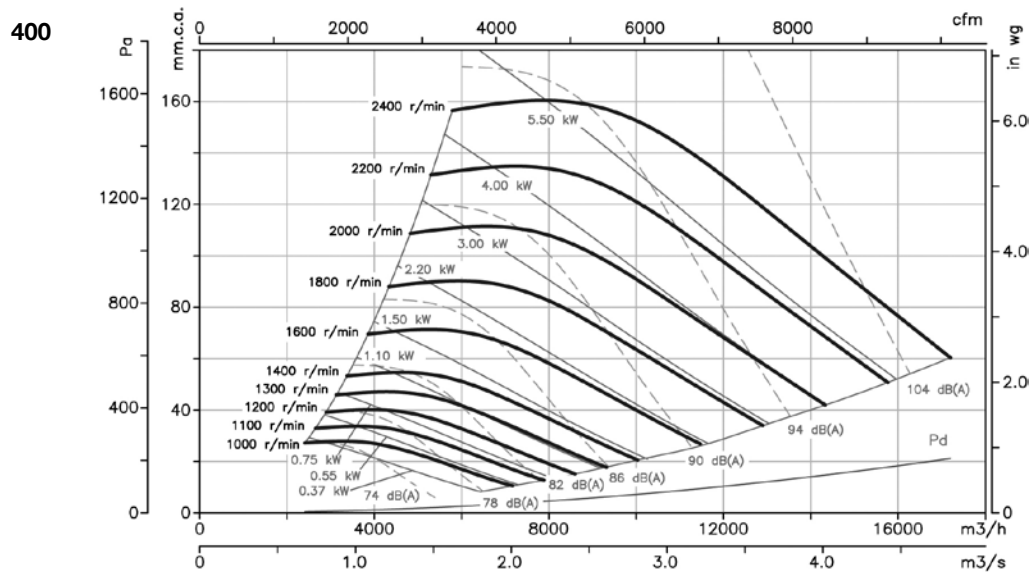
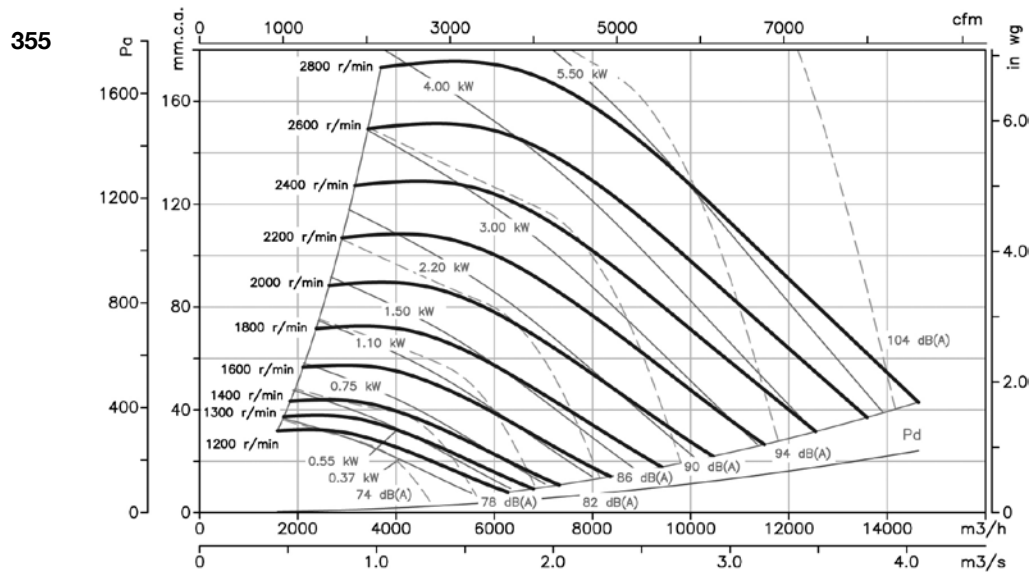
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

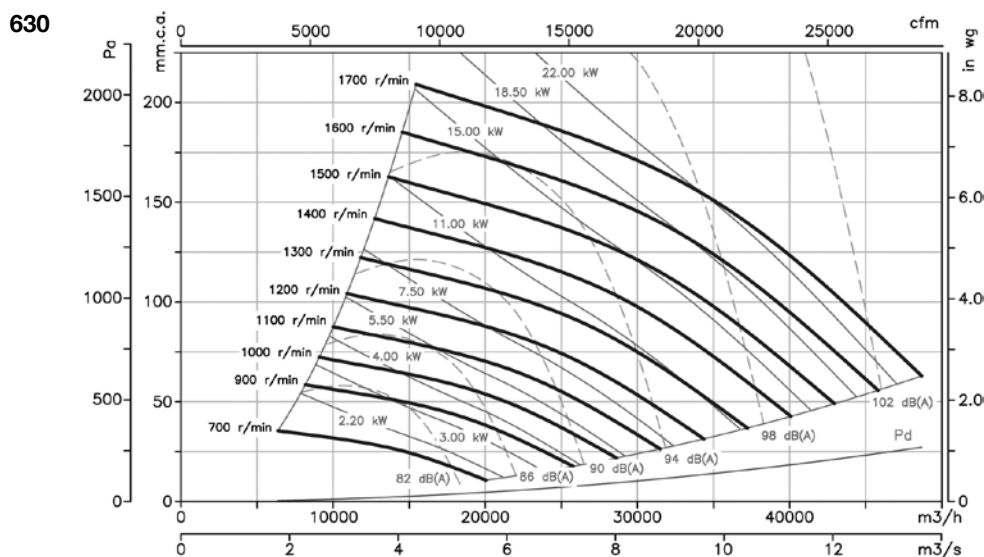
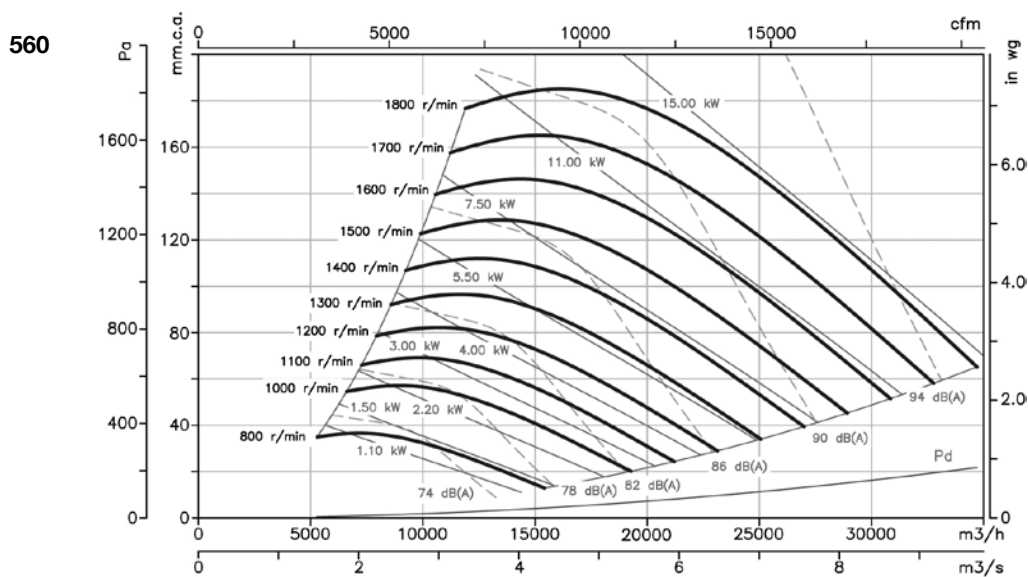
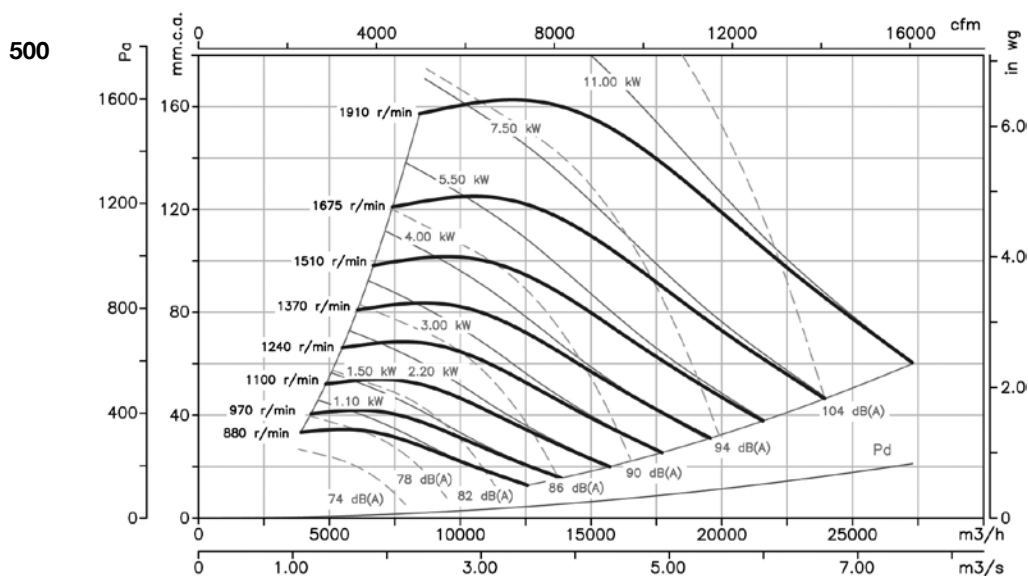
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

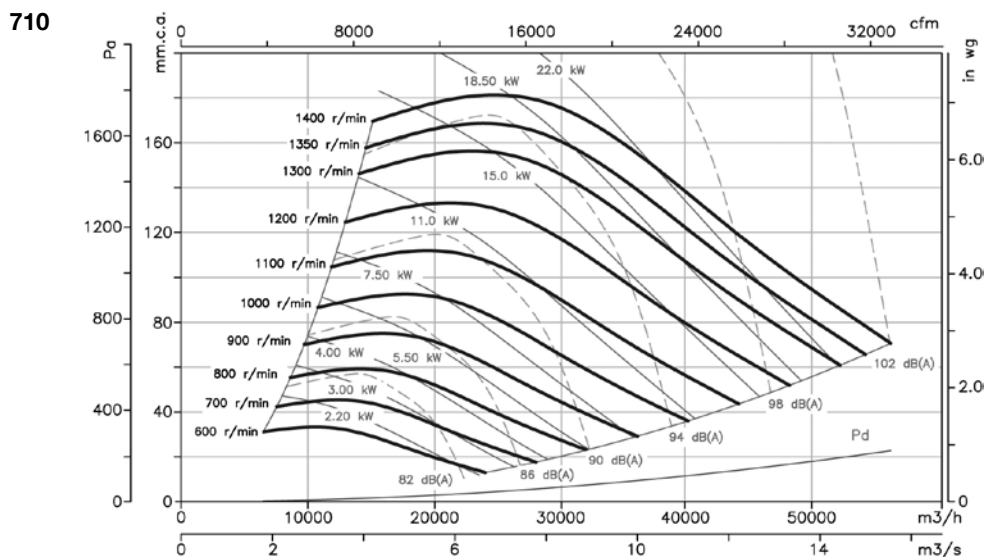
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



CSXR CSXRT CJSXR

CSXR: Single-inlet, belt-driven centrifugal fans with axis outlet and impeller with backward-facing blades

CSXRT: Single-inlet, belt-driven centrifugal fans with electric motor, pulley, belt kit and standardised protectors and impeller with backward-facing blades.

CJSXR: Soundproofed ventilation units with backward-facing blades, fitted with CSXR series fans on rubber dampers



CSXR



CSXRT



CJSXR

Fan:

- Galvanized sheet steel casing
- Impeller with backward-facing blades made from galvanised sheet steel
- Galvanised sheet steel structure with thermal insulation and soundproofing (CJSXR)
- Stuffing-box for cable input (CJSXR)

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz (power over 5.5CV)
- Max. air temperature to transport: -20°C. +60°C.

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Different outlet positions
- Special windings for different voltages
- With 2 speed motors

Order code

CSXR — 400 — 60Hz



CSXR: Centrifugal single-inlet fans with axis outlet

Impeller size

CSXRT — 500 — 4 — 60Hz



CSXRT: Centrifugal single-inlet fans with motor

Impeller size

Power motor (CV.)

CJSXR: Ventilation units with impeller with backward-facing blades

Technical characteristics

60Hz

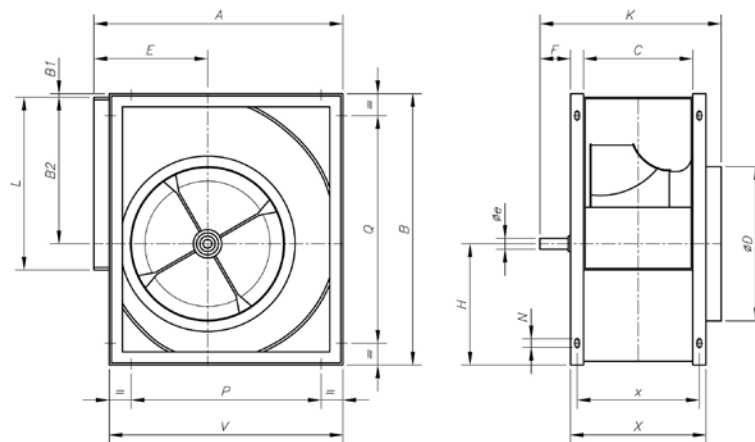
Model	Max. Speed (r/min)	Max. Installed power (kW)	Maximum airflow (m³/h)	Air temperature (°C)		Approx. weight (Kg)
				min.	max.	
CSXR-315	3200	1.1	5050	-20	85	27
CSXR-355	2800	1.5	6650	-20	85	39
CSXR-400	2400	1.5	7700	-20	85	44
CSXR-450	2200	3	10100	-20	85	55
CSXR-500	2200	5.5	14000	-20	85	70
CSXR-560	2000	7.5	18300	-20	85	110
CSXR-630	1600	7.5	19800	-20	85	125
CSXR-710	1400	9.2	25920	-20	85	175
CSXR-800	1600	22	40000	-20	85	252
CSXR-900	1400	30	51000	-20	85	360
CSXR-1000	1400	37	64000	-20	85	445

Technical characteristics

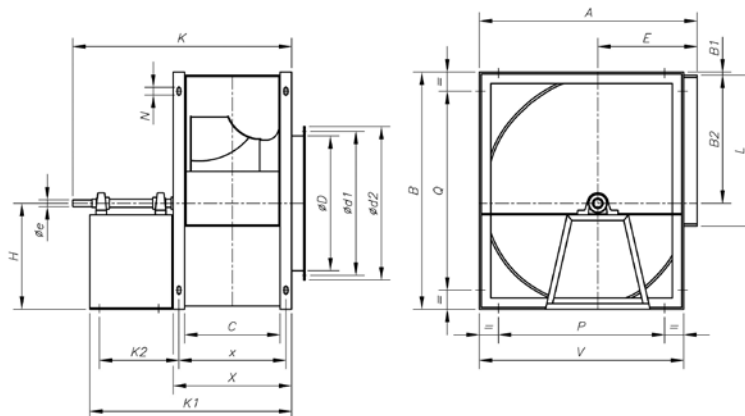
Model			Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)	Assembly Type	
				220V	380V	660V				CSXRT	CJSXR
CSXRT	CJSXR	315-0.75	2520	2.4	1.4	-	0.55	4000	32	A	B
CSXRT	CJSXR	315-1	2800	3.1	1.8	-	0.75	4500	34	A	B
CSXRT	CJSXR	315-1.5	3250	4.4	2.5	-	1.1	5050	36	A	B
CSXRT	CJSXR	355-0.75	2100	2.4	1.4	-	0.55	4750	41	A	B
CSXRT	CJSXR	355-1	2300	3.1	1.8	-	0.75	5200	44	A	B
CSXRT	CJSXR	355-1.5	2600	4.4	2.5	-	1.1	6000	46	A	B
CSXRT	CJSXR	355-2	2875	5.8	3.4	-	1.5	6650	48	A	B
CSXRT	CJSXR	400-0.75	1730	2.4	1.4	-	0.55	5600	49	A	B
CSXRT	CJSXR	400-1	1900	3.3	1.9	-	0.75	6100	52	A	B
CSXRT	CJSXR	400-1.5	2180	4.5	2.6	-	1.1	7000	54	A	B
CSXRT	CJSXR	400-2	2400	5.8	3.4	-	1.5	7700	56	A	B
CSXRT	CJSXR	450-0.75	1230	2.4	1.4	-	0.55	5800	61	A	B
CSXRT	CJSXR	450-1	1380	3.3	1.9	-	0.75	6500	64	A	B
CSXRT	CJSXR	450-1.5	1550	4.5	2.6	-	1.1	7500	66	A	B
CSXRT	CJSXR	450-2	1700	6.0	3.5	-	1.5	8050	68	A	B
CSXRT	CJSXR	450-3	1950	8.4	4.8	-	2.2	9050	72	A	B
CSXRT	CJSXR	450-4	2200	10.4	6.0	-	3	10100	76	A	B
CSXRT	CJSXR	500-1.5	1250	4.5	2.6	-	1.1	8200	88	A	B
CSXRT	CJSXR	500-2	1380	6.0	3.5	-	1.5	9000	90	A	B
CSXRT	CJSXR	500-3	1560	8.4	4.8	-	2.2	10200	93	A	B
CSXRT	CJSXR	500-4	1730	11.3	6.5	-	3	11500	98	A	B
CSXRT	CJSXR	500-5.5	1900	13.9	8.0	-	4	12500	107	A	B
CSXRT	CJSXR	500-7.5	2130	-	11.1	6.4	5.5	14000	116	A	B
CSXRT	CJSXR	560-2	1200	6.0	3.5	-	1.5	11000	100	A	B
CSXRT	CJSXR	560-3	1380	8.4	4.8	-	2.2	12200	103	A	B
CSXRT	CJSXR	560-4	1500	11.3	6.5	-	3	14000	108	A	B
CSXRT	CJSXR	560-5.5	1670	13.9	8.0	-	4	15500	117	A	B
CSXRT	CJSXR	560-7.5	1850	-	11.1	6.4	5.5	16200	122	A	B
CSXRT	CJSXR	560-10	2050	-	14.8	8.6	7.5	18300	132	A	B
CSXRT	CJSXR	630-3	1060	8.4	4.8	-	2.2	13200	119	A	B
CSXRT	CJSXR	630-4	1150	11.3	6.5	-	3	14400	123	A	B
CSXRT	CJSXR	630-5.5	1300	13.9	8.0	-	4	16000	132	A	B
CSXRT	CJSXR	630-7.5	1450	-	11.1	6.4	5.5	18000	138	A	B
CSXRT	CJSXR	630-10	1600	-	14.8	8.6	7.5	19800	147	A	B
CSXRT	CJSXR	710-4	1000	11.3	6.5	-	3	17280	186	A	B
CSXRT	CJSXR	710-5.5	1100	13.9	8.0	-	4	19080	195	A	B
CSXRT	CJSXR	710-7.5	1200	-	11.1	6.4	5.5	20880	200	A	B
CSXRT	CJSXR	710-10	1350	-	14.8	8.6	7.5	23760	210	A	B
CSXRT	CJSXR	710-12.5	1480	-	17.5	10.1	9.2	25920	219	A	B
CSXRT		800-4	800	11.3	6.5	-	3	20800	226	B	
CSXRT		800-5.5	880	13.9	8.0	-	4	22680	234	B	
CSXRT		800-7.5	970	-	11.1	6.4	5.5	25100	240	B	
CSXRT		800-10	1070	-	14.8	8.6	7.5	27720	250	B	
CSXRT		800-12.5	1150	-	17.5	10.1	9.2	30000	259	B	
CSXRT		800-15	1230	-	22.0	12.8	11	32040	284	B	
CSXRT		800-20	1350	-	29.0	16.8	15	34000	305	B	
CSXRT		800-25	1450	-	36.5	21.2	18.5	37800	325	B	
CSXRT		800-30	1540	-	42.0	24.4	22	40000	344	B	
CSXRT		900-4	650	11.3	6.5	-	3	23760	281	B	
CSXRT		900-5.5	720	13.9	8.0	-	4	26000	289	B	
CSXRT		900-7.5	790	-	11.1	6.4	5.5	29500	295	B	
CSXRT		900-10	860	-	14.8	8.6	7.5	32100	305	B	
CSXRT		900-12.5	940	-	17.5	10.1	9.2	34200	314	B	
CSXRT		900-15	1020	-	22.0	12.8	11	37900	339	B	
CSXRT		900-20	1120	-	29.0	16.8	15	42000	360	B	
CSXRT		900-25	1190	-	36.5	21.2	18.5	43500	380	B	
CSXRT		900-30	1250	-	42.0	24.4	22	45500	399	B	
CSXRT		900-40	1400	-	59.0	34.2	30	51000	453	B	
CSXRT		1000-5.5	600	13.9	8.0	-	4	30500	342	B	
CSXRT		1000-7.5	660	-	11.1	6.4	5.5	33000	348	B	
CSXRT		1000-10	730	-	14.8	8.6	7.5	37000	358	B	
CSXRT		1000-12.5	790	-	17.5	10.1	9.2	40000	366	B	
CSXRT		1000-15	840	-	22.0	12.8	11	42500	392	B	
CSXRT		1000-20	940	-	29.0	16.8	15	46000	413	B	
CSXRT		1000-25	1000	-	36.5	21.2	18.5	50000	432	B	
CSXRT		1000-30	1060	-	42.0	24.4	22	52500	452	B	
CSXRT		1000-40	1160	-	59.0	34.2	30	59000	506	B	
CSXRT		1000-50	1260	-	68.0	39.4	37	64000	549	B	

Dimensions in mm

CSXR

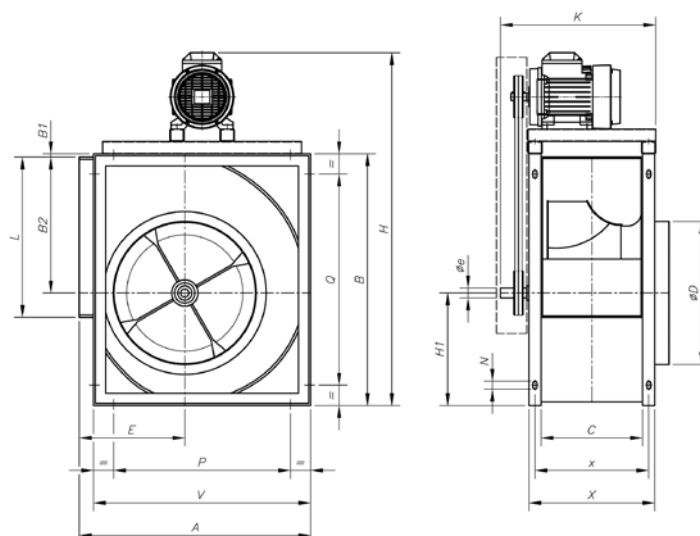


Model	A	B	B1	B2	C	øD	øe	E	F	H	K	L	N	P	Q	V	X	x
CSXR-315	518	578	3	340	223	322	25	236	83	235	395	404	13x18	280	280	480	283	253
CSXR-355	578	655	6	383	247	362	30	261	78	266	425	453	13x18	355	355	548	327	287
CSXR-400	651	736	4.5	431.5	274	404	30	290	78	300	452	507	13x18	355	355	613	354	314
CSXR-450	726	827	5	486	308	448	35	322	92	336	500	569	13x18	530	530	681	388	348
CSXR-500	800	918	5	538	344	510	35	352	92	375	535	638	13x18	530	530	750	424	394
CSXR-560	893	1030	8	602	383	570	40	390	87	420	600	715	13x18	530	530	845	483	433
CSXR-630	999	1157	7	678.5	432	635	45	434	87	471.5	650	801	13x18	530	530	946	532	482
CSXR-710	1121	1303	7	765	478	722	50	485	115	531	725	898	17x22	630	630	1058	578	528



Model	A	B	B1	B2	C	øD	ø1	ø2	øe	E	H	K	K1	K2	L	N	P	Q	V	X	x
CSXR-800	1250	1468	7	862	533	808	844	875	45	535	599	1170	1060	440	1007	17x22	710	710	1181	633	583
CSXR-900	1408	1648	7	971	595	896	945	980	55	604	670	1313	1191	510	1130	17x22	800	800	1319	715	655
CSXR-1000	1541	1810	9	1066	663	996	1044	1080	55	657	735	1381	1259	510	1267	17x22	900	900	1462	783	713

Dimensions in mm

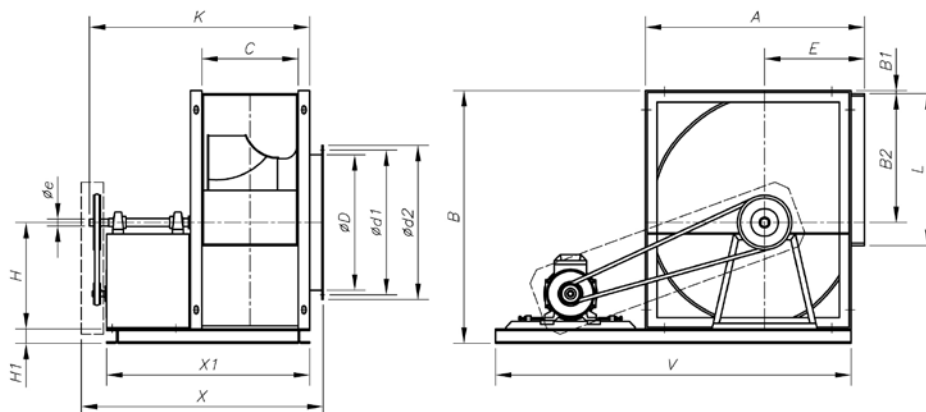
CSXRT
Installation A

Model	A	B	B1	B2	C	øD	øe	E	H	H1	K	L	N	P	Q	V	X	x
CSXRT-315-0'75	518	578	3	340	223	322	25	236	835	235	395	404	13x18	280	280	480	283	253
CSXRT-315-1	518	578	3	340	223	322	25	236	855	235	395	404	13x19	280	280	480	283	253
CSXRT-315-1'5	518	578	3	340	223	322	25	236	855	235	395	404	13x20	280	280	480	283	253
CSXRT-315-2	518	578	3	340	223	322	25	236	875	235	395	404	13x21	280	280	480	283	253
CSXRT-315-3	518	578	3	340	223	322	25	236	875	235	395	404	13x22	280	280	480	283	253
CSXRT-355-0'75	578	655	6	383	247	362	30	261	910	266	425	453	13x18	355	355	548	327	287
CSXRT-355-1	578	655	6	383	247	362	30	261	930	266	425	453	13x19	355	355	548	327	287
CSXRT-355-1'5	578	655	6	383	247	362	30	261	930	266	425	453	13x20	355	355	548	327	287
CSXRT-355-2	578	655	6	383	247	362	30	261	945	266	425	453	13x21	355	355	548	327	287
CSXRT-355-3	578	655	6	383	247	362	30	261	945	266	425	453	13x22	355	355	548	327	287
CSXRT-355-4	578	655	6	383	247	362	30	261	963	266	425	453	13x23	355	355	548	327	287
CSXRT-400-0'75	651	736	4.5	431.5	274	404	30	290	1012	300	452	507	13x18	355	355	613	354	314
CSXRT-400-1	651	736	4.5	431.5	274	404	30	290	1012	300	452	507	13x19	355	355	613	354	314
CSXRT-400-1'5	651	736	4.5	431.5	274	404	30	290	1012	300	452	507	13x20	355	355	613	354	314
CSXRT-400-2	651	736	4.5	431.5	274	404	30	290	1033	300	452	507	13x21	355	355	613	354	314
CSXRT-400-3	651	736	4.5	431.5	274	404	30	290	1033	300	452	507	13x22	355	355	613	354	314
CSXRT-400-4	651	736	4.5	431.5	274	404	30	290	1045	300	452	507	13x23	355	355	613	354	314
CSXRT-400-5'5	651	736	4.5	431.5	274	404	30	290	1072	300	452	507	13x24	355	355	613	354	314
CSXRT-450-0'75	726	827	5	486	308	448	35	322	1100	336	500	569	13x18	530	530	681	388	348
CSXRT-450-1	726	827	5	486	308	448	35	322	1100	336	500	569	13x19	530	530	681	388	348
CSXRT-450-1'5	726	827	5	486	308	448	35	322	1120	336	500	569	13x20	530	530	681	388	348
CSXRT-450-2	726	827	5	486	308	448	35	322	1120	336	500	569	13x21	530	530	681	388	348
CSXRT-450-3	726	827	5	486	308	448	35	322	1138	336	500	569	13x22	530	530	681	388	348
CSXRT-450-4	726	827	5	486	308	448	35	322	1138	336	500	569	13x23	530	530	681	388	348
CSXRT-450-5'5	726	827	5	486	308	448	35	322	1162	336	500	569	13x24	530	530	681	388	348
CSXRT-450-7'5	726	827	5	486	308	448	35	322	1205	336	500	569	13x25	530	530	681	388	348
CSXRT-450-10	726	827	5	486	308	448	35	322	1205	336	500	569	13x26	530	530	681	388	348
CSXRT-450-12'5	726	827	5	486	308	448	35	322	1205	336	500	569	13x27	530	530	681	388	348
CSXRT-500-1'5	800	918	5	538	344	510	35	352	1214	375	535	638	13x18	530	530	750	424	394
CSXRT-500-2	800	918	5	538	344	510	35	352	1214	375	535	638	13x19	530	530	750	424	394
CSXRT-500-3	800	918	5	538	344	510	35	352	1228	375	535	638	13x20	530	530	750	424	394
CSXRT-500-4	800	918	5	538	344	510	35	352	1228	375	535	638	13x21	530	530	750	424	394
CSXRT-500-5'5	800	918	5	538	344	510	35	352	1255	375	535	638	13x22	530	530	750	424	394
CSXRT-500-7'5	800	918	5	538	344	510	35	352	1292	375	535	638	13x23	530	530	750	424	394
CSXRT-500-10	800	918	5	538	344	510	35	352	1292	375	535	638	13x24	530	530	750	424	394
CSXRT-500-12'5	800	918	5	538	344	510	35	352	1292	375	535	638	13x25	530	530	750	424	394
CSXRT-500-15	800	918	5	538	344	510	35	352	1350	375	535	638	13x26	530	530	750	424	394

Dimensions in mm

CSXRT-560-2	893	1030	8	602	383	570	40	390	1325	420	600	715	13x18	530	530	845	483	433
CSXRT-560-3	893	1030	8	602	383	570	40	390	1340	420	600	715	13x19	530	530	845	483	433
CSXRT-560-4	893	1030	8	602	383	570	40	390	1340	420	600	715	13x20	530	530	845	483	433
CSXRT-560-5'5	893	1030	8	602	383	570	40	390	1365	420	600	715	13x21	530	530	845	483	433
CSXRT-560-7'5	893	1030	8	602	383	570	40	390	1410	420	600	715	13x22	530	530	845	483	433
CSXRT-560-10	893	1030	8	602	383	570	40	390	1410	420	600	715	13x23	530	530	845	483	433
CSXRT-560-12'5	893	1030	8	602	383	570	40	390	1410	420	600	715	13x24	530	530	845	483	433
CSXRT-560-15	893	1030	8	602	383	570	40	390	1464	420	600	715	13x25	530	530	845	483	433
CSXRT-630-3	999	1157	7	678.5	432	635	45	434	1470	471.5	650	801	13x18	530	530	946	532	482
CSXRT-630-4	999	1157	7	678.5	432	635	45	434	1470	471.5	650	801	13x19	530	530	946	532	482
CSXRT-630-5'5	999	1157	7	678.5	432	635	45	434	1492	471.5	650	801	13x20	530	530	946	532	482
CSXRT-630-7'5	999	1157	7	678.5	432	635	45	434	1531	471.5	650	801	13x21	530	530	946	532	482
CSXRT-630-10	999	1157	7	678.5	432	635	45	434	1531	471.5	650	801	13x22	530	530	946	532	482
CSXRT-630-12'5	999	1157	7	678.5	432	635	45	434	1531	471.5	650	801	13x23	530	530	946	532	482
CSXRT-630-15	999	1157	7	678.5	432	635	45	434	1590	471.5	650	801	13x24	530	530	946	532	482
CSXRT-630-20	999	1157	7	678.5	432	635	45	434	1590	471.5	650	801	13x25	530	530	946	532	482
CSXRT-710-4	1121	1303	7	765	478	722	50	485	1612	531	725	898	17x22	630	630	1058	578	528
CSXRT-710-5'5	1121	1303	7	765	478	722	50	485	1638	531	725	898	17x23	630	630	1058	578	528
CSXRT-710-7'5	1121	1303	7	765	478	722	50	485	1675	531	725	898	17x24	630	630	1058	578	528
CSXRT-710-10	1121	1303	7	765	478	722	50	485	1675	531	725	898	17x25	630	630	1058	578	528
CSXRT-710-12'5	1121	1303	7	765	478	722	50	485	1675	531	725	898	17x26	630	630	1058	578	528
CSXRT-710-15	1121	1303	7	765	478	722	50	485	1735	531	725	898	17x27	630	630	1058	578	528
CSXRT-710-20	1121	1303	7	765	478	722	50	485	1735	531	725	898	17x28	630	630	1058	578	528
CSXRT-710-25	1121	1303	7	765	478	722	50	485	1820	531	725	898	17x29	630	630	1058	578	528

CSXRT Installation B

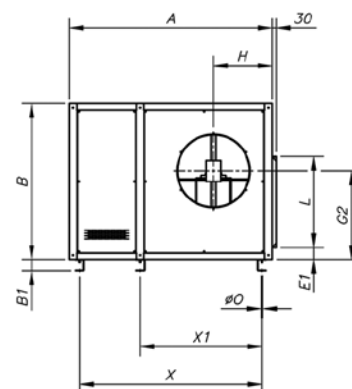
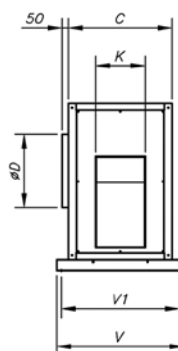
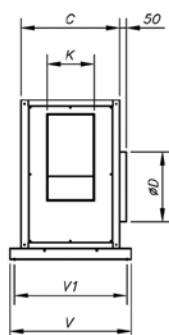
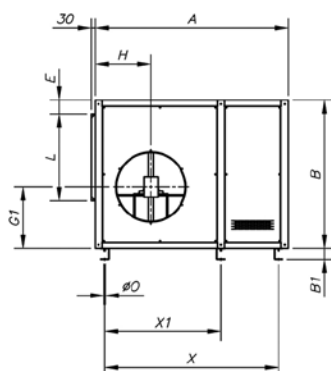


Model	A	B	B1	B2	C	øD	ød1	ød2	øe	E	H	H1	K	L	V	X	X1
CSXRT-800	1250	1548	7	862	533	808	844	875	45	535	599	80	1170	1007	1880	1245	1060
CSXRT-900	1408	1728	7	971	595	896	945	980	55	604	670	80	1313	1130	2050	1375	1291
CSXRT-1000	1541	1890	9	1066	663	996	1044	1080	55	657	735	80	1381	1267	2250	1450	1259

Dimensions in mm

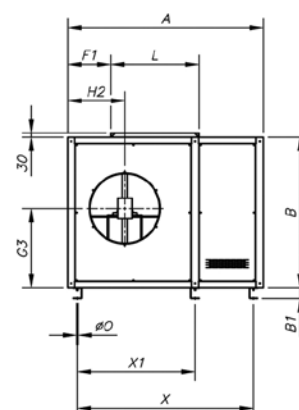
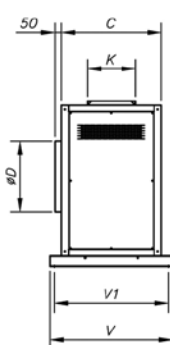
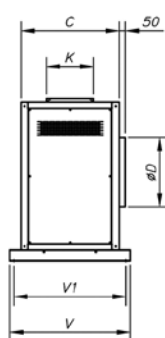
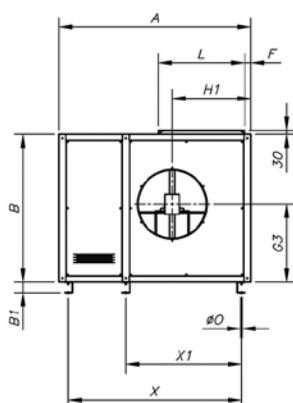
CJSXR

Standard supply horizontal outlet (H) RD90



On request horizontal outlet (H) LG 90

On request vertical outlet (V) LG 0



On request vertical outlet (V) RD 0

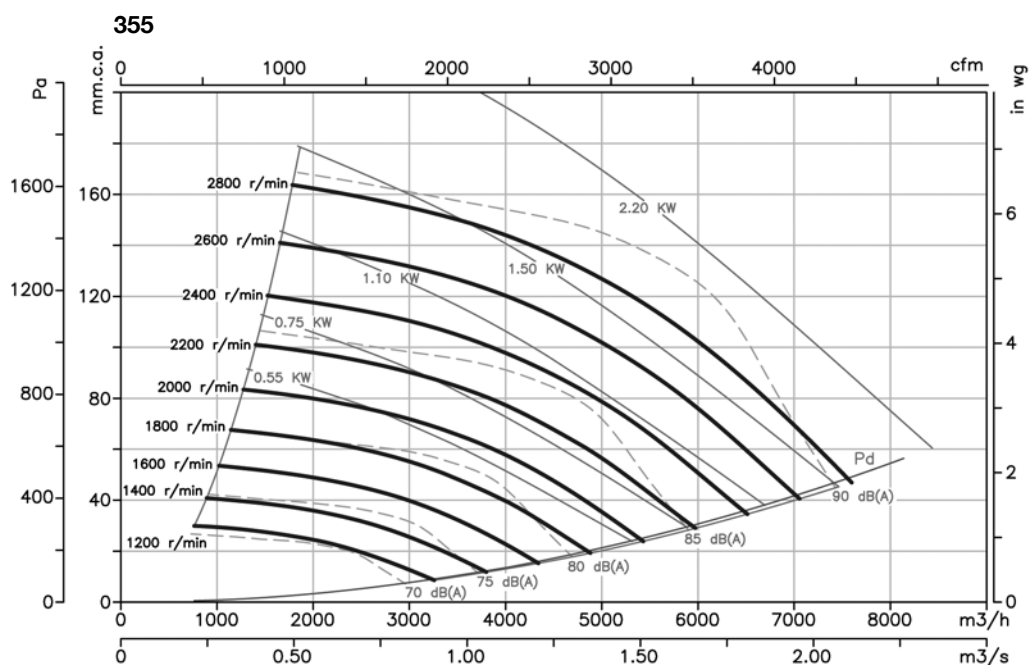
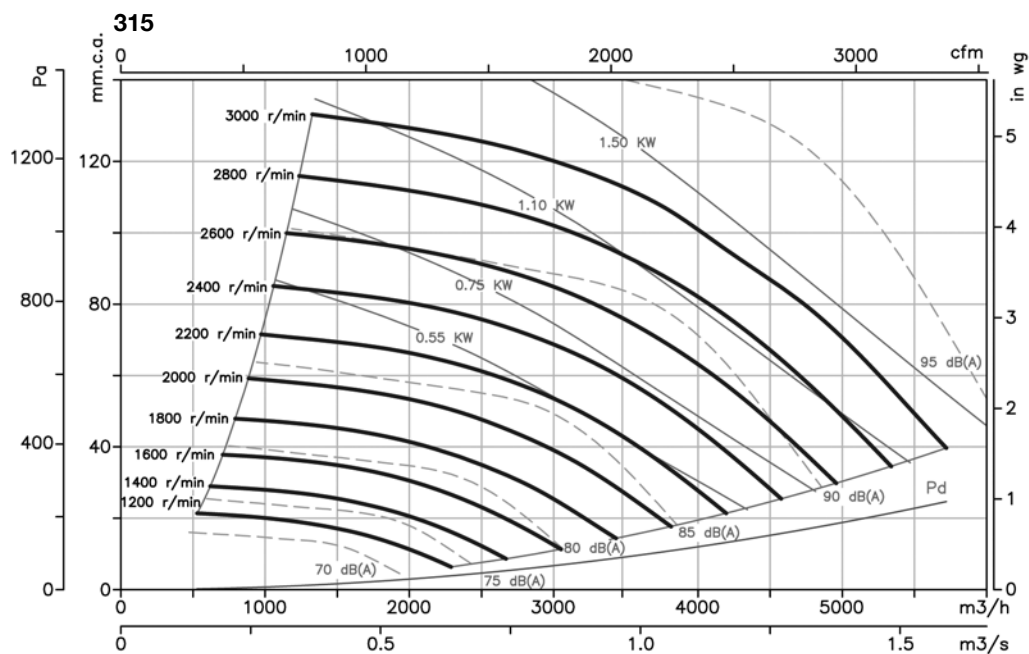
Model	A	B	B1	C	ØD	E	E1	F	F1	G1	G2	G3	H	H1	H2	L	K	ØD	V	V1	X	X1
CJSXR-315	950	740	60	560	315	81	82	43.5	211.5	316	424	363	307.5	386	278	409	228	15	727	647	808	-
CJSXR-355	1080	785	60	610	365	77	85	46.5	236.5	347	470	398	340.5	432	309	458	252	15	777	697	938	-
CJSXR-400	1200	900	60	645	405	84	82	44	264	381	517	442	361.5	479	343	514	280	15	812	732	1058	-
CJSXR-450	1355	980	60	695	450	74	83	45	293	417	572	485	386.5	534	379	575	314	15	857	777	1213	-
CJSXR-500	1430	1100	60	730	515	103	83	45	315	456	624	579	413.5	585	415	644	350	15	897	817	1289	-
CJSXR-560	1600	1250	60	800	575	143	85.5	47.5	346.5	501	691	584	451	653	463	721	390	15	967	887	1458	958
CJSXR-630	1720	1350	60	850	640	116	85	47	389	553	766.5	646	492.5	728.5	515.5	807	438	15	1017	937	1579	1100
CJSXR-710	1928	1530	60	943	725	140	95	47	440	622	863	727	533.5	815	574	904	484	15	1110	1030	1787	1208.5



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

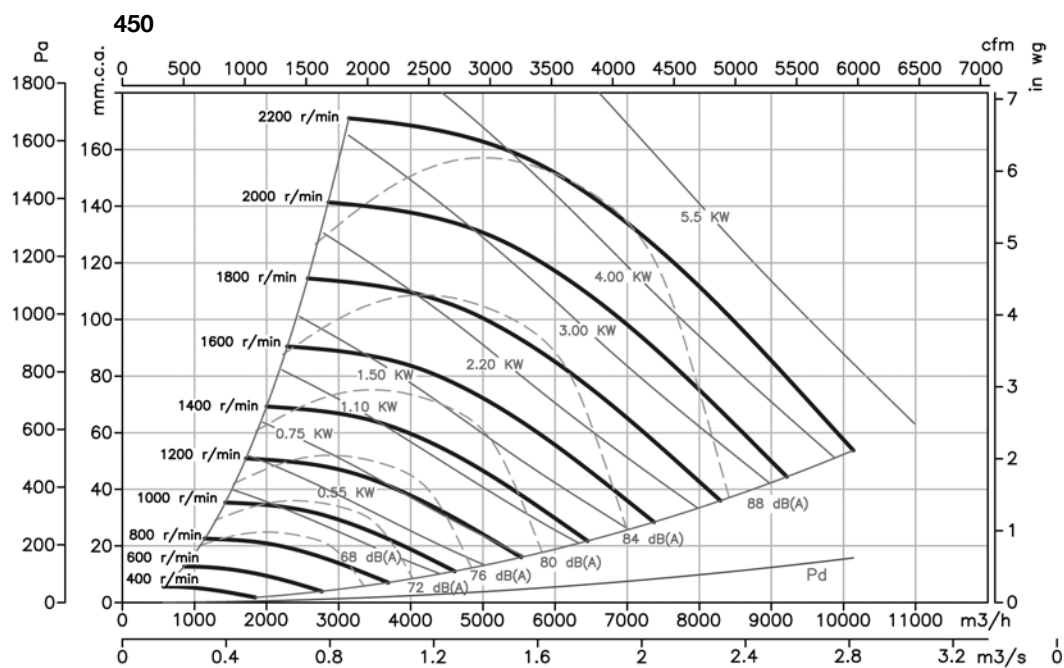
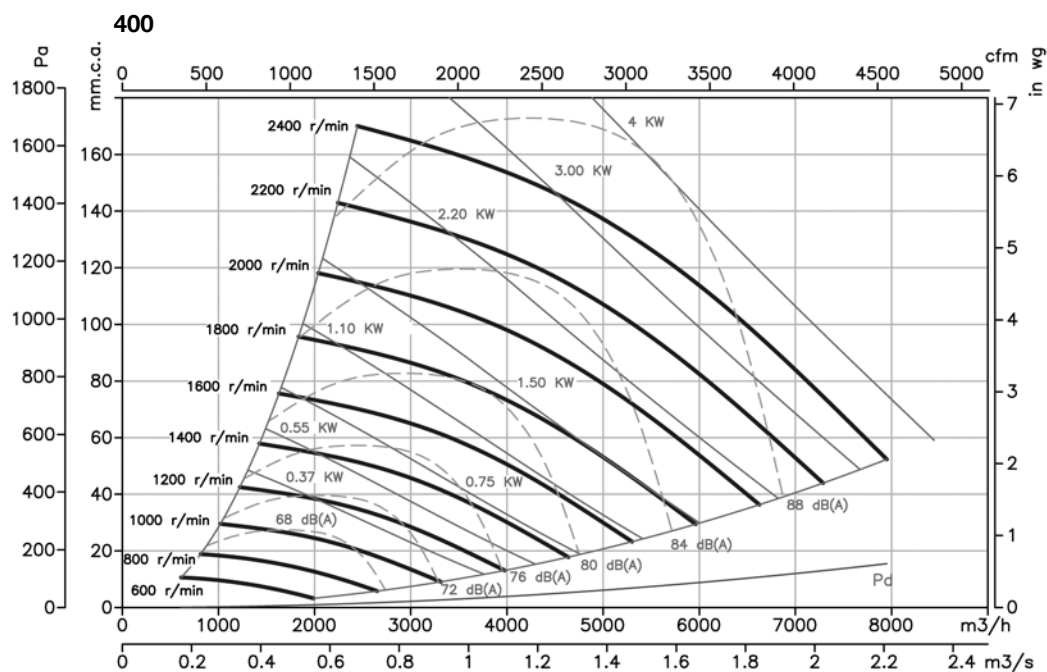
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

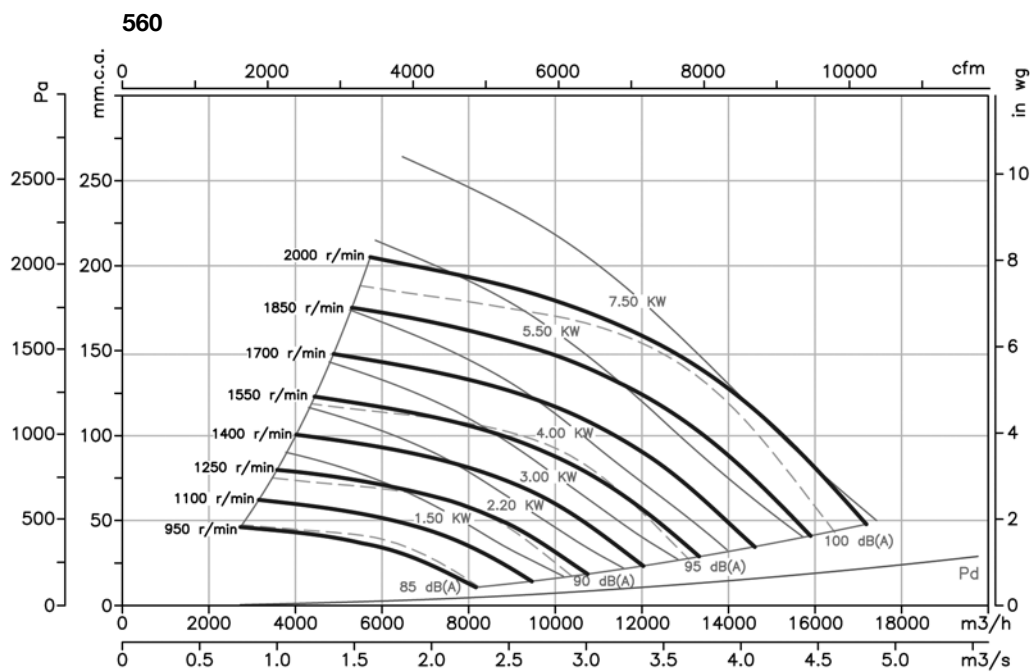
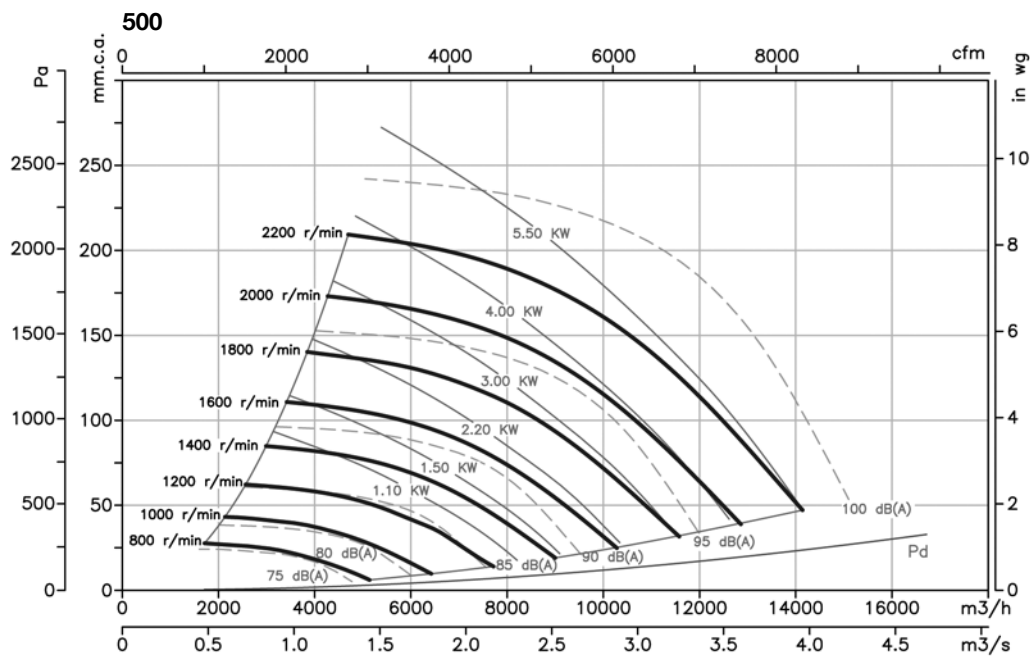
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

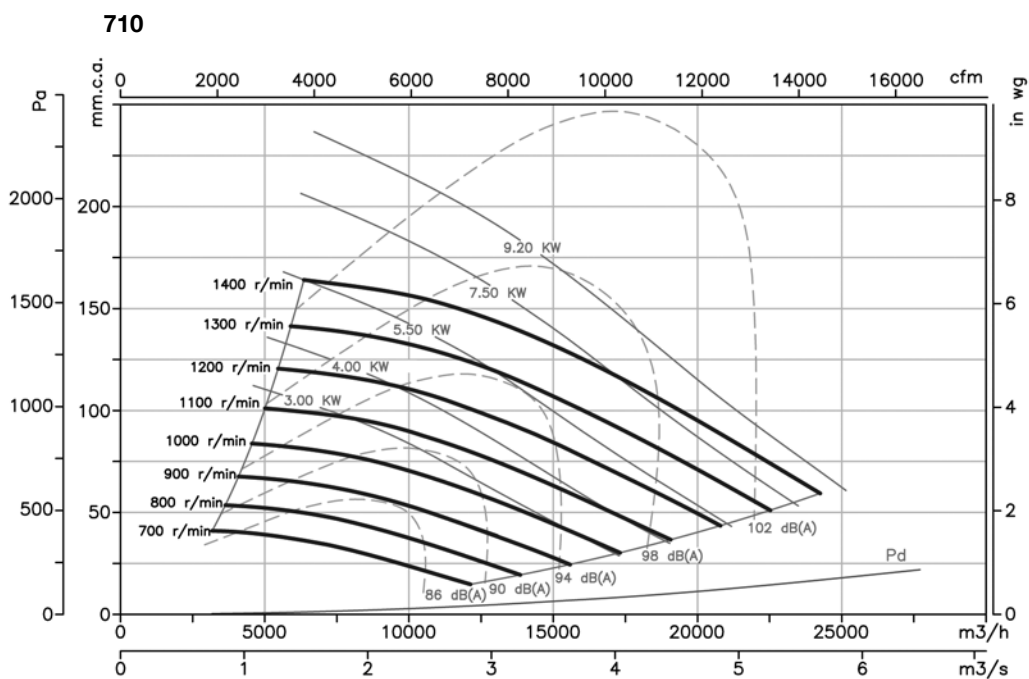
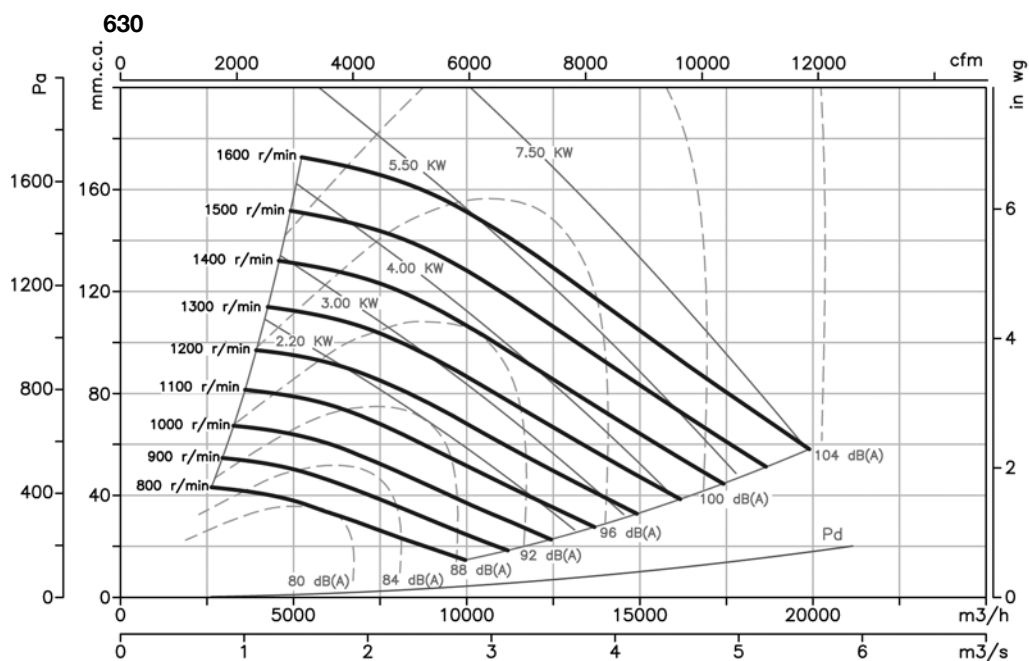
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

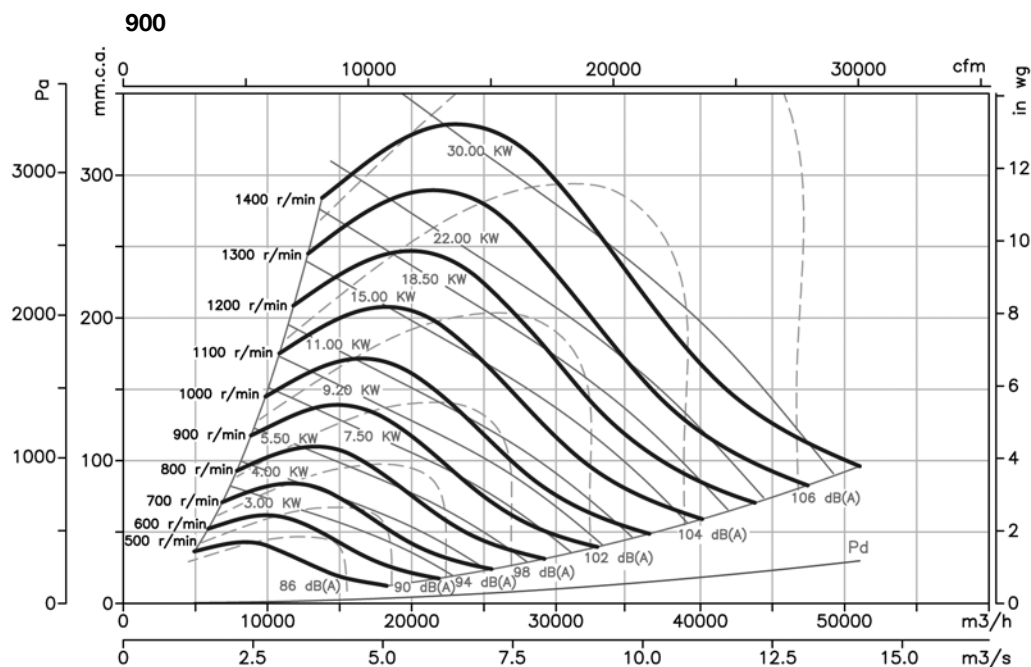
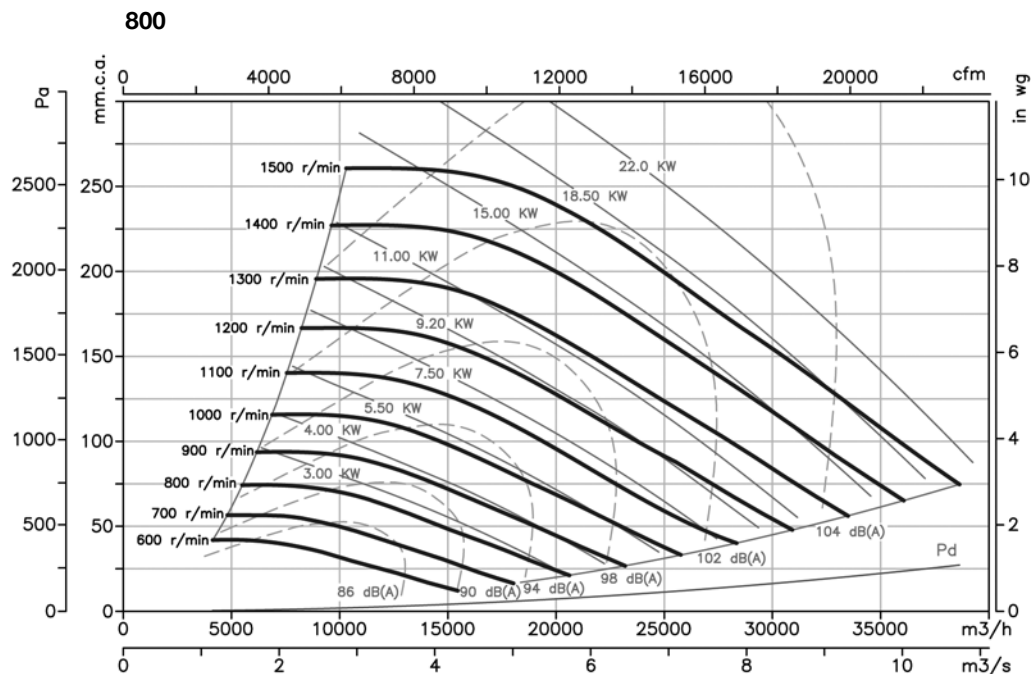
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

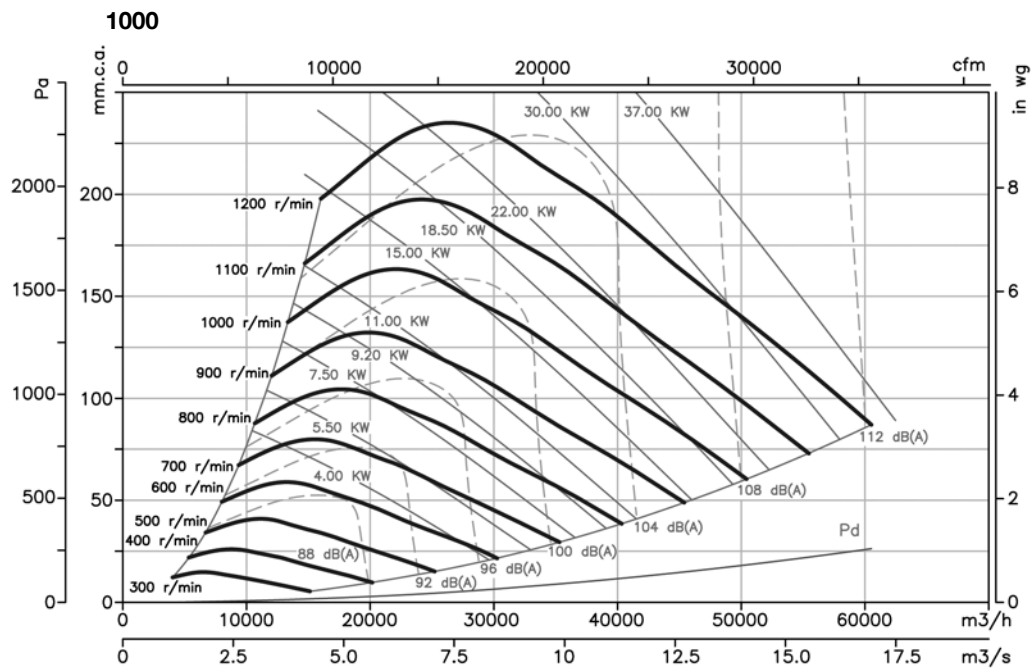
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



TSA TSAT CJTSA



TSA



TSAT



CJTSA

TSA: Single-inlet, belt-driven centrifugal fans with axis outlet and impeller with forward-facing blades

TSAT: Single-inlet, belt-driven centrifugal fans with electric motor, pulley, belt kit and standardised protectors and impeller with forward-facing blades.

CJTSA: Soundproofed ventilation units with forward-facing blades, fitted with TSA series fans on rubber dampers

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Galvanised sheet steel structure with thermal insulation and soundproofing (CJTSA)
- Stuffing-box for cable input (CJTSA)

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz (power over 5.5CV)
- Max. air temperature to transport: -20°C. +60°C.

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Different outlet positions
- Special windings for different voltages
- With 2 speed motors

Order code

TSA — 22/11 — 60Hz



TSA: Centrifugal single-inlet fans with free axis outlet



Impeller size

CJTSA — 22/11 — 3 — 60Hz



TSAT: Centrifugal single-inlet fans with electric motor
CJTSA: Ventilation units with impeller with forward-facing blades



Impeller size in inches



Power motor (CV)

Technical characteristics

60Hz

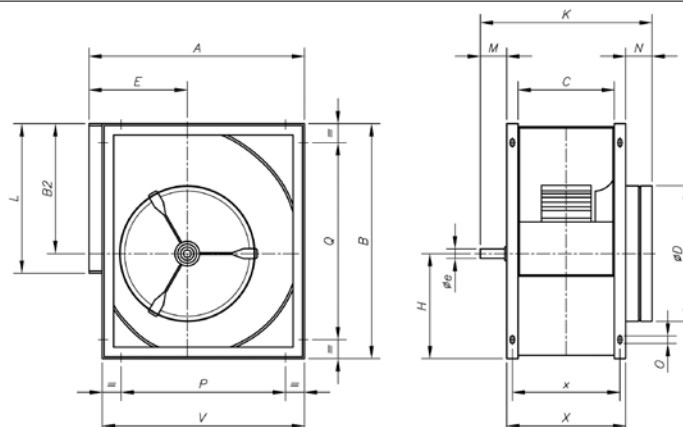
Model	Max. Speed (r/min)	Max. Installed power (kW)	Maximum airflow (m³/h)	Air temperature min. max. (°C)	Approx. weight (Kg)
TSA-12/6	1500	2.2	4800	-20 85	17.5
TSA-15/7	1050	3	7400	-20 85	22.5
TSA-18/9	920	4	10500	-20 85	33
TSA-20/10	850	5.5	15000	-20 85	71
TSA-22/11	1000	18.5	26000	-20 85	80
TSA-25/13	810	18.5	32000	-20 85	93
TSA-30/14	600	18.5	38000	-20 85	125

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
TSAT CJTSA 12/6-0.75	1000	2.4	1.4		0.55	2600	69	73
TSAT CJTSA 12/6-1	1100	3.3	1.9		0.75	3100	71	74
TSAT CJTSA 12/6-1.5	1250	4.5	2.6		1.1	3500	74	77
TSAT CJTSA 12/6-2	1300	6.0	3.5		1.5	4250	77	80
TSAT CJTSA 12/6-3	1500	8.3	4.8		2.2	4800	79	85
TSAT CJTSA 15/7-1	800	3.3	1.9		0.75	4000	67	92
TSAT CJTSA 15/7-1.5	850	4.5	2.6		1.1	4800	69	95
TSAT CJTSA 15/7-2	920	6.0	3.5		1.5	5400	72	98
TSAT CJTSA 15/7-3	1000	8.3	4.8		2.2	6400	75	103
TSAT CJTSA 15/7-4	1050	11.2	6.5		3	7400	77	106
TSAT CJTSA 18/9-1.5	750	4.5	2.6		1.1	5800	68	111
TSAT CJTSA 18/9-2	790	6.0	3.5		1.5	6600	70	114
TSAT CJTSA 18/9-3	800	8.3	4.8		2.2	8200	74	119
TSAT CJTSA 18/9-4	850	11.2	6.5		3	9000	76	122
TSAT CJTSA 18/9-5.5	920	14.9	8.6		4	10500	78	125
TSAT CJTSA 20/10-2	650	6.0	3.5		1.5	8100	65	203
TSAT CJTSA 20/10-3	690	8.3	4.8		2.2	10100	68	208
TSAT CJTSA 20/10-4	750	11.2	6.5		3	11500	70	211
TSAT CJTSA 20/10-5.5	790	14.9	8.6		4	13100	73	214
TSAT CJTSA 20/10-7.5	850		11.1	6.4	5.5	15000	75	227
TSAT CJTSA 22/11-3	580	8.3	4.8		2.2	11200	67	219
TSAT CJTSA 22/11-4	610	11.2	6.5		3	13000	70	222
TSAT CJTSA 22/11-5.5	650	14.9	8.6		4	15000	72	225
TSAT CJTSA 22/11-7.5	690		11.1	6.4	5.5	17000	74	238
TSAT CJTSA 22/11-10	750		14.8	8.5	7.5	19000	76	246
TSAT CJTSA 22/11-12.5	790		17.8	10.3	9.2	21000	78	257
TSAT CJTSA 22/11-15	830		21.5	12.4	11	22000	79	273
TSAT CJTSA 22/11-20	910		28.5	16.5	15	24500	81	292
TSAT CJTSA 22/11-25	1000		35.0	20.2	18.5	26000	83	322
TSAT CJTSA 25/13-4	520	11.2	6.5		3	14000	62	254
TSAT CJTSA 25/13-5.5	550	14.9	8.6		4	17000	65	257
TSAT CJTSA 25/13-7.5	590		11.1	6.4	5.5	19500	67	270
TSAT CJTSA 25/13-10	620		14.8	8.5	7.5	23000	70	278
TSAT CJTSA 25/13-12.5	650		17.8	10.3	9.2	25000	72	289
TSAT CJTSA 25/13-15	690		21.5	12.4	11	26500	74	305
TSAT CJTSA 25/13-20	750		28.5	16.5	15	29500	75	324
TSAT CJTSA 25/13-25	810		35.0	20.2	18.5	32000	77	354
TSAT CJTSA 30/14-5.5	400	14.9	8.6		4	21000	69	331
TSAT CJTSA 30/14-7.5	425		11.1	6.4	5.5	24000	72	344
TSAT CJTSA 30/14-10	460		14.8	8.5	7.5	27500	74	352
TSAT CJTSA 30/14-12.5	480		17.8	10.3	9.2	30000	76	363
TSAT CJTSA 30/14-15	500		21.5	12.4	11	33000	77	379
TSAT CJTSA 30/14-20	550		28.5	16.5	15	36500	78	398
TSAT CJTSA 30/14-25	600		35.0	20.2	18.5	38000	81	428

Dimensions in mm

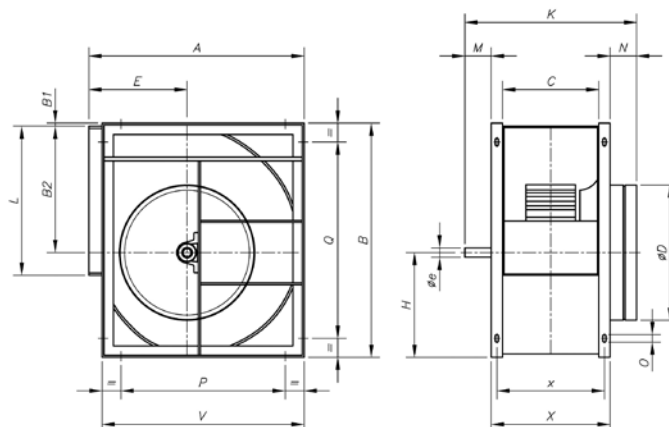
TSA



Model	A	B	B2	C	øD	E	øe	H	K	L	M	N	O	P	Q	V	X	x
TSA-12/6	498	532	290	210	325	230	25	242	435	345	75	90	9x17	324	324	468	270	242
TSA-15/7	583	632	348	269	400	265	25	284	494	404	75	90	9x17	406	406	553	329	301
TSA-18/9	694	756	415	301	475	323	25	341	526	482	75	90	9x17	520	608	664	361	333

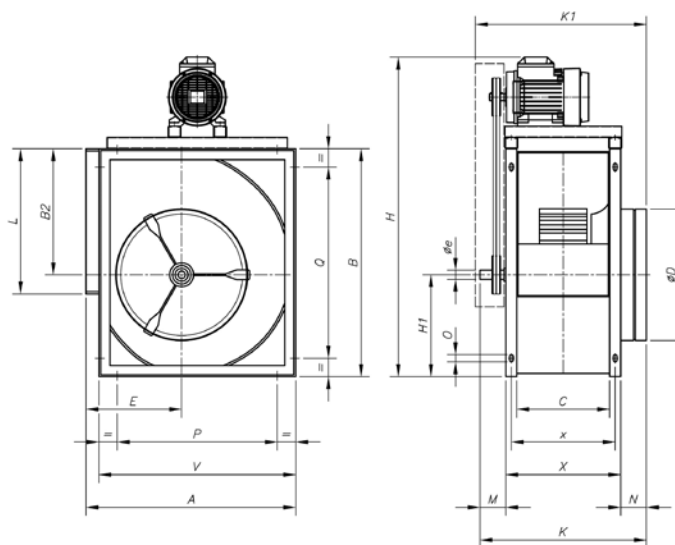
Dimensions in mm

TSA



Model	A	B	B1	B2	C	øD	E	øe	H	K	L	M	N	O	P	Q	V	X	x
TSA-20/10	843	963	35	523	330	575	375	35	440	620	603	100	110	9x17	646	811	798	410	370
TSA-22/11	913	1046	35	569	358	615	400	35	477	648	693	100	110	9x17	716	894	868	438	398
TSA-25/13	998	1161	35	642	412	695	423	35	519	701	793	100	110	9x17	801	1009	953	492	452
TSA-30/14	1206	1400	35	776	474	835	515	40	624	764	933	100	110	9x17	1009	1248	1161	554	514

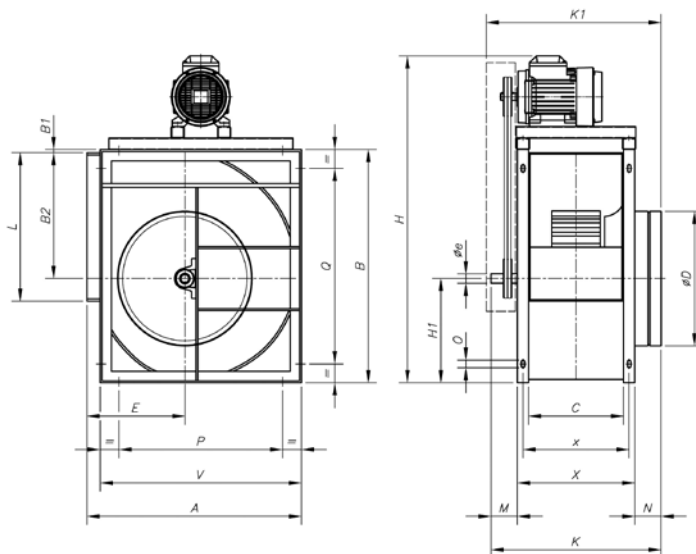
TSAT



Model	A	B	B2	C	øD	E	øe	H	H1	K	K1	L	M	N	O	P	Q	V	X	x
TSAT-12/6-0'75	498	532	290	210	325	230	25	805	242	435	475	345	75	90	9x17	324	324	468	270	242
TSAT-12/6-1	498	532	290	210	325	230	25	805	242	435	475	345	75	90	9x17	324	324	468	270	242
TSAT-12/6-1'5	498	532	290	210	325	230	25	825	242	435	475	345	75	90	9x17	324	324	468	270	242
TSAT-12/6-2	498	532	290	210	325	230	25	825	242	435	475	345	75	90	9x17	324	324	468	270	242
TSAT-12/6-3	498	532	290	210	325	230	25	845	242	435	475	345	75	90	9x17	324	324	468	270	242
TSAT-15/7-1	583	632	348	269	400	265	25	905	284	494	535	404	75	90	9x17	406	406	553	329	301
TSAT-15/7-1'5	583	632	348	269	400	265	25	925	284	494	535	404	75	90	9x17	406	406	553	329	301
TSAT-15/7-2	583	632	348	269	400	265	25	925	284	494	535	404	75	90	9x17	406	406	553	329	301
TSAT-15/7-3	583	632	348	269	400	265	25	945	284	494	535	404	75	90	9x17	406	406	553	329	301
TSAT-15/7-4	583	632	348	269	400	265	25	945	284	494	535	404	75	90	9x17	406	406	553	329	301
TSAT-18/9-1'5	694	756	415	301	475	323	25	1050	341	526	566	482	75	90	9x17	520	608	664	361	333
TSAT-18/9-2	694	756	415	301	475	323	25	1050	341	526	566	482	75	90	9x17	520	608	664	361	333
TSAT-18/9-3	694	756	415	301	475	323	25	1070	341	526	566	482	75	90	9x17	520	608	664	361	333
TSAT-18/9-4	694	756	415	301	475	323	25	1070	341	526	566	482	75	90	9x17	520	608	664	361	333
TSAT-18/9-5'5	694	756	415	301	475	323	25	1095	341	526	566	482	75	90	9x17	520	608	664	361	333

Dimensions in mm

TSAT

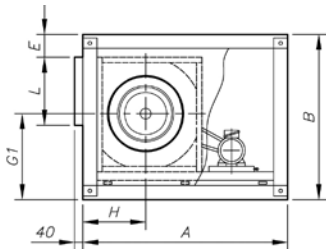


Model	A	B	B1	B2	C	øD	E	øe	H	H1	K	K1	L	M	N	O	P	Q	V	X	x
TSAT-20/10-2	843	963	35	523	330	575	375	35	1255	440	620	670	603	100	110	9x17	646	811	798	410	370
TSAT-20/10-3	843	963	35	523	330	575	375	35	1275	440	620	670	603	100	110	9x17	646	811	798	410	370
TSAT-20/10-4	843	963	35	523	330	575	375	35	1275	440	620	670	603	100	110	9x17	646	811	798	410	370
TSAT-20/10-5'5	843	963	35	523	330	575	375	35	1300	440	620	670	603	100	110	9x17	646	811	798	410	370
TSAT-20/10-7'5	843	963	35	523	330	575	375	35	1340	440	620	670	603	100	110	9x17	646	811	798	410	370
TSAT-22/11-3	913	1046	35	569	358	615	400	35	1355	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-4	913	1046	35	569	358	615	400	35	1355	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-5'5	913	1046	35	569	358	615	400	35	1280	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-7'5	913	1046	35	569	358	615	400	35	1420	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-10	913	1046	35	569	358	615	400	35	1420	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-12'5	913	1046	35	569	358	615	400	35	1420	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-15	913	1046	35	569	358	615	400	35	1480	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-20	913	1046	35	569	358	615	400	35	1480	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-22/11-25	913	1046	35	569	358	615	400	35	1565	477	648	700	693	100	110	9x17	716	894	868	438	398
TSAT-25/13-4	998	1161	35	642	412	695	423	35	1470	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-5'5	998	1161	35	642	412	695	423	35	1495	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-7'5	998	1161	35	642	412	695	423	35	1540	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-10	998	1161	35	642	412	695	423	35	1540	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-12'5	998	1161	35	642	412	695	423	35	1540	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-15	998	1161	35	642	412	695	423	35	1565	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-20	998	1161	35	642	412	695	423	35	1565	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-25/13-25	998	1161	35	642	412	695	423	35	1680	519	701	750	793	100	110	9x17	801	1009	953	492	452
TSAT-30/14-5'5	1206	1400	35	776	474	835	515	40	1735	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-7'5	1206	1400	35	776	474	835	515	40	1775	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-10	1206	1400	35	776	474	835	515	40	1775	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-12'5	1206	1400	35	776	474	835	515	40	1775	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-15	1206	1400	35	776	474	835	515	40	1835	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-20	1206	1400	35	776	474	835	515	40	1835	624	764	815	933	100	110	9x17	1009	1248	1161	554	514
TSAT-30/14-25	1206	1400	35	776	474	835	515	40	1925	624	764	815	933	100	110	9x17	1009	1248	1161	554	514

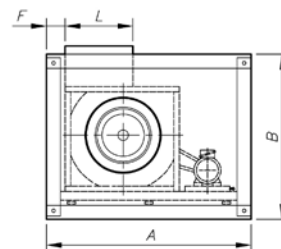
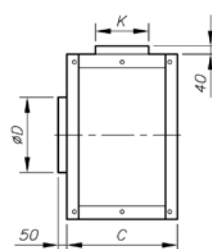
Dimensions in mm

CJTSA

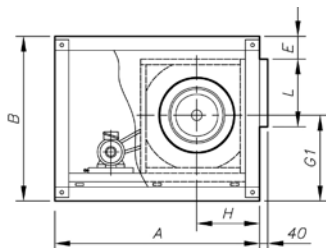
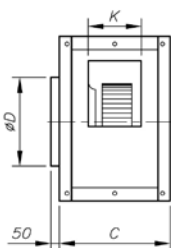
Standard supply horizontal outlet (H) RD-90



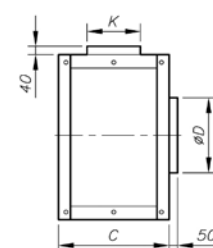
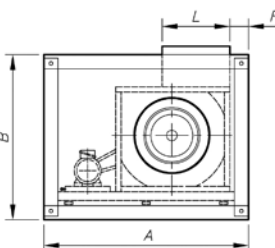
On request vertical outlet (V) RD -0



On request horizontal outlet (H) LG -90



On request vertical outlet (V) LG -0



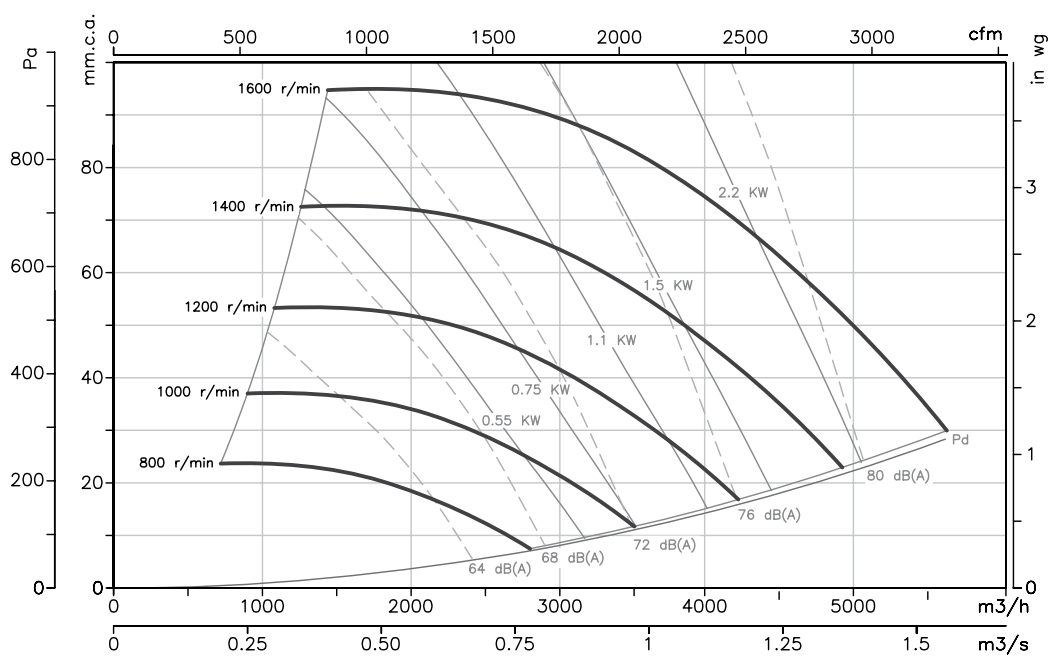
Model	A	B	C	ØD	E	with bedplate E	F	G1	with bedplate G1	H	L	with bedplate L	K
CJTSA-12/6-H	850	650	540	330	74	-	-	288	-	288	346	-	210
CJTSA-12/6-V	850	650	540	330	-	-	30	318	-	328	346	-	210
CJTSA-15/7-H	1000	755	600	400	74	-	-	328	-	328	411	-	270
CJTSA-15/7-V	1000	755	600	400	-	-	30	378	-	383	411	-	270
CJTSA-18/9-H	1200	875	620	480	74	-	-	383	-	388	491	-	305
CJTSA-18/9-V	1200	875	620	480	-	-	30	433	-	448	491	-	305
CJTSA-20/10-H	1485	1175	730	565	175	120	-	475	530	440	613	605	343
CJTSA-20/10-V	1485	1175	730	565	-	-	75	535	-	585	613	-	343
CJTSA-22/11-H	1570	1250	760	615	165	110	-	510	565	470	708	700	373
CJTSA-22/11-V	1570	1250	760	615	-	-	75	570	-	640	708	-	373
CJTSA-25/13-H	1610	1375	820	685	175	120	-	550	605	495	803	795	423
CJTSA-25/13-V	1610	1375	820	685	-	-	75	625	-	705	803	-	423
CJTSA-30/14-H	1845	1600	855	820	160	95	-	655	710	580	943	935	488
CJTSA-30/14-V	1845	1600	855	820	-	-	75	760	-	825	943	-	488

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

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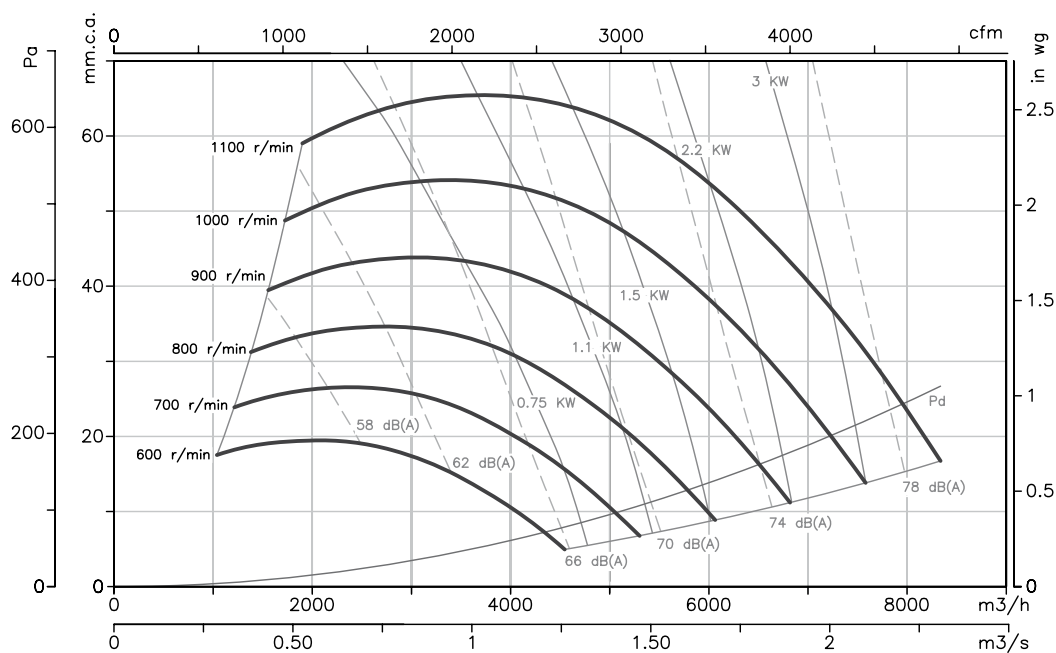


Characteristic curves

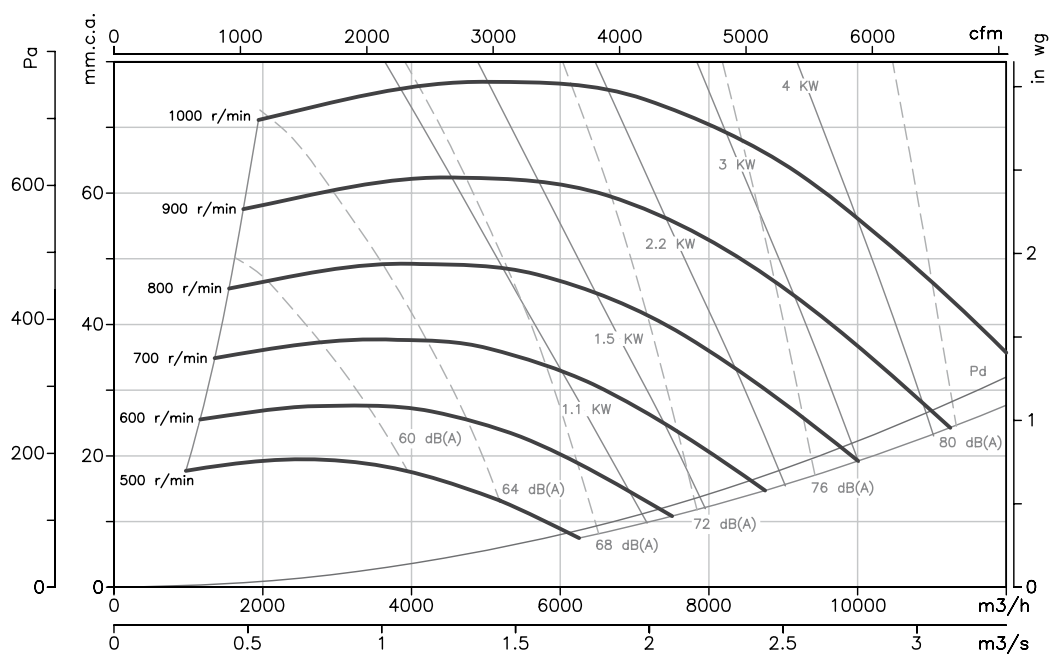
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

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18/9

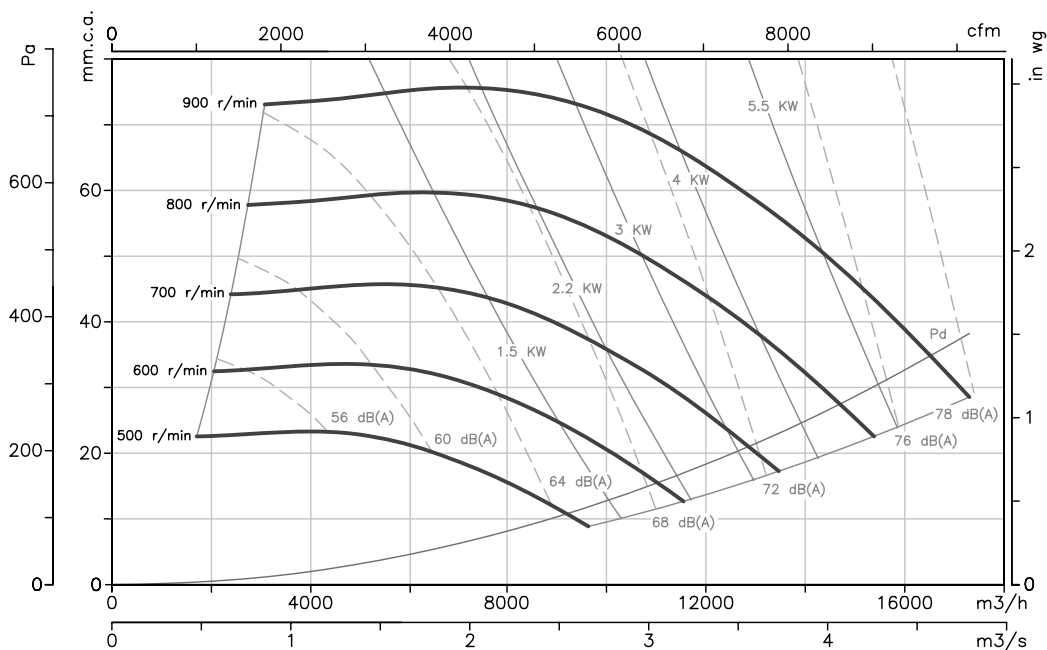


Characteristic curves

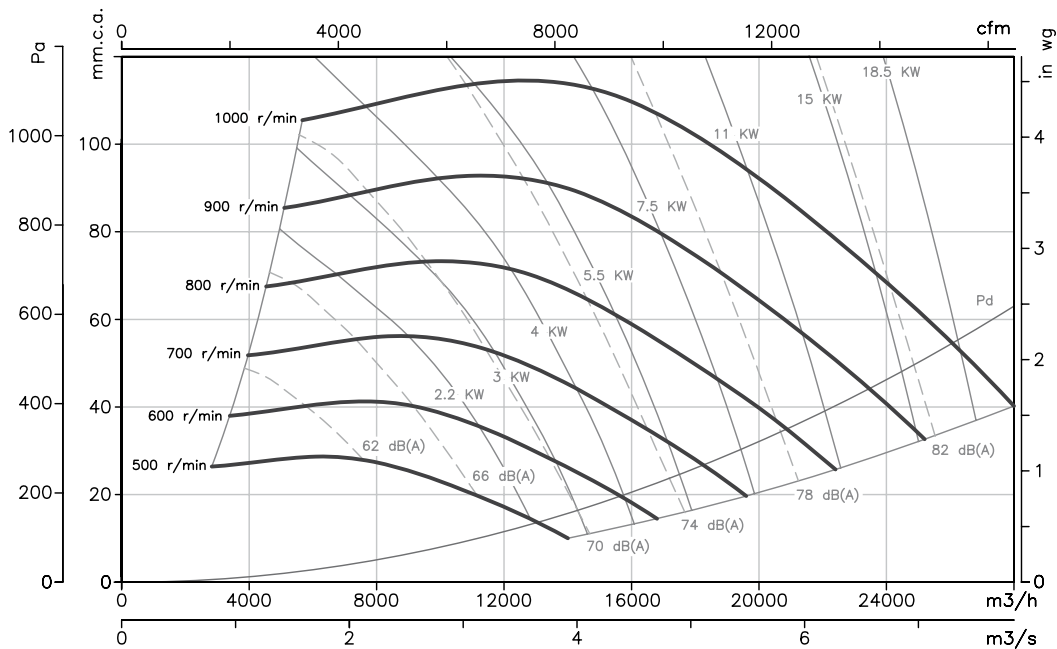
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

20/10



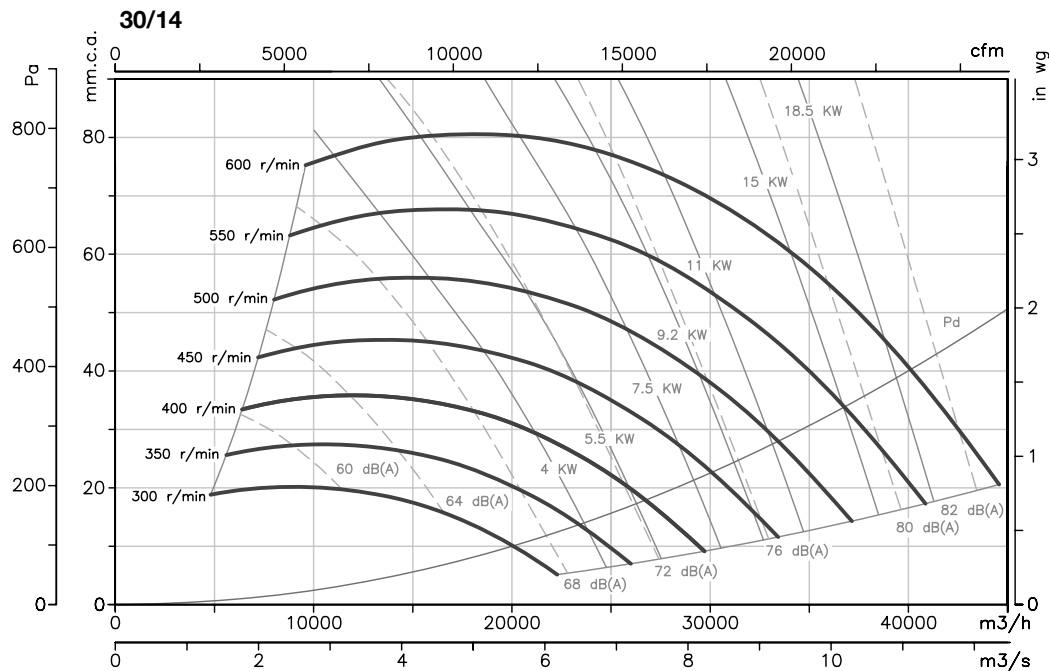
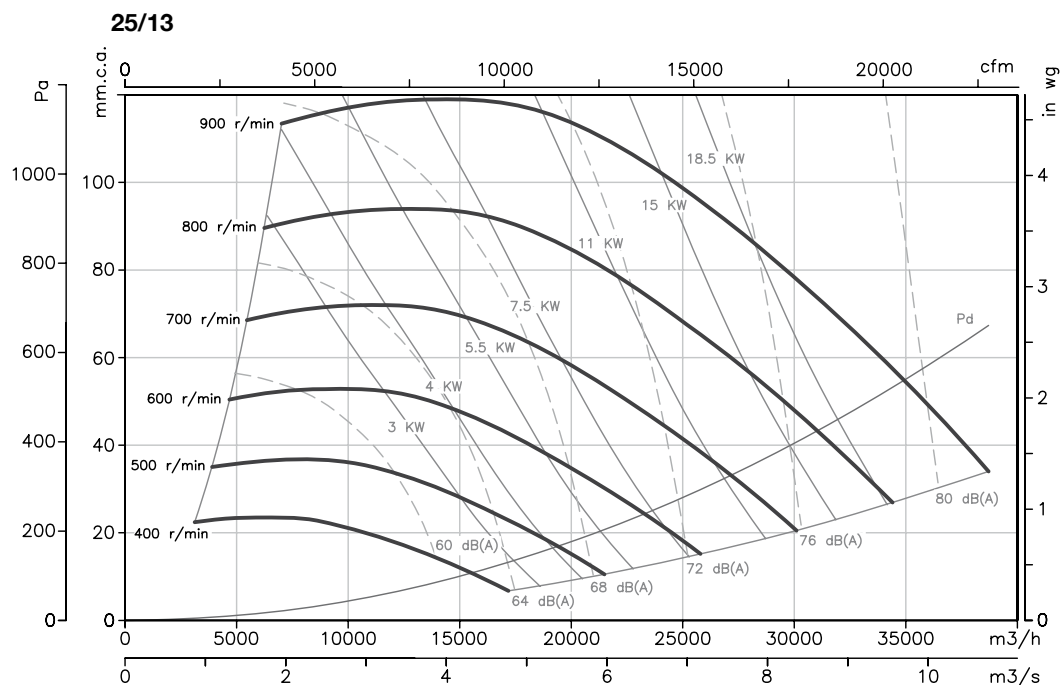
22/11



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



CPV

Centrifugal anti-corrosive single-inlet fans made from polypropylene.



Aesthetic and modern design

Fan:

- Polypropylene casing
- Impeller with forward-facing blades made from polypropylene

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz. (power over 5.5CV)
- Max. air temperature to transport: -20°C.+ 50°C.

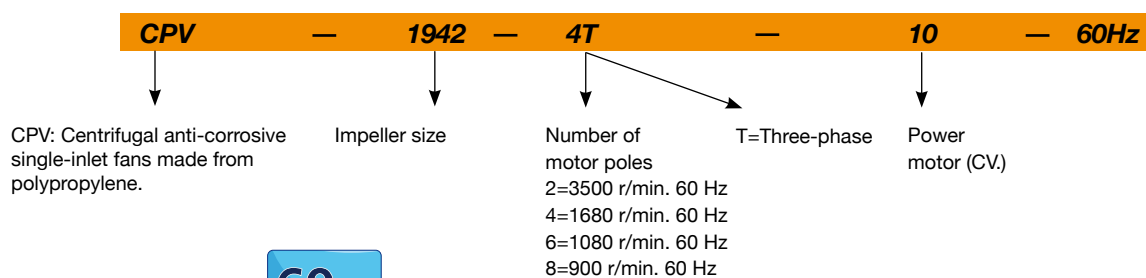
Finish:

- Plastic anticorrosive

On request:

- Special windings for different voltages
- ATEX certification, Category 3

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CPV-815-2T	3372	1.73	1		0.37	950	75	14
CPV-815-4T	1632	1.32	0.76		0.25	450	58	14
CPV-1020-2T	3360	3	1.73		0.75	2000	81	19.5
CPV-1020-4T	1632	1.32	0.76		0.25	1250	65	19.5
CPV-1020-6T	1056	1.67	0.96		0.25	750	53	19.5
CPV-1325-2T	3420	7.97	4.6		2.2	3250	87	27
CPV-1325-4T	1632	1.78	1.03		0.37	2300	69	27
CPV-1325-6T	1056	1.67	0.96		0.25	1400	59	27
CPV-1630-4T	1704	5.98	3.45		1.5	4500	75	34.5
CPV-1630-6T	1092	2.8	1.61		0.55	2700	63	34.5
CPV-1840-4T	1704	11.09	6.4		3	6000	70	48
CPV-1840-6T	1080	5.04	2.9		1.1	4200	65	42
*CPV-1942-4T-7.5	1740		11.4	6.6	5.5	8500	79	66
*CPV-1942-4T-10	1740		15.1	8.7	7.5	10500	84	77
*CPV-1942-6T	1116	9.32	5.36		2.2	7000	75	49
*CPV-1942-8T	852	7.1	4.08		1.5	5500	70	56
CPV-2045-4T	1740		15.1	8.7	7.5	10400	78	102
CPV-2045-6T	1140	12.2	7		3	7000	72	88
*CPV-1030-2T	3480	19.23	11.1		4	2900	75	66
CPV-1335-2T	3498		14.7	8.5	5.5	4700	84	91
CPV-1160-4T	1752		21.5	12.4	11	8000	83	243
CPV-2060-4T	1752		21.5	12.4	11	12000	81	245
CPV-2160-4T	1746		28.5	16.5	15	15500	77	282
*CPV-720-2T	3408	1.82	1.05		0.37	525	75	10
*CPV-825-2T	3420	4.33	2.5		1.1	1140	79	17
*CPV-930-2T	3456	7.57	4.37		2.2	1750	84	24

*Only LG position allowed

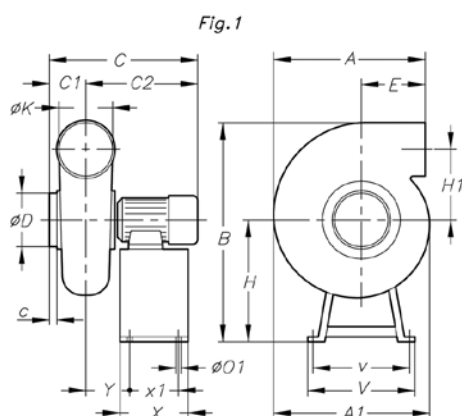
Acoustic features

Sound power $L_w(A)$ spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
815-2	56	69	77	81	81	77	73	65	1942-4-10	80	90	92	95	94	94	92	83
815-4	39	52	60	64	64	60	56	48	1942-6	71	81	83	86	85	85	83	74
1020-2	62	75	83	87	87	83	79	71	1942-8	66	76	78	81	80	80	78	69
1020-4	46	59	67	71	71	67	63	55	2045-4	63	76	84	88	89	85	81	72
1020-6	34	47	55	59	59	55	51	43	2045-6	57	70	78	82	83	79	75	66
1325-2	70	83	91	95	96	92	88	79	1030	58	71	79	83	84	80	76	67
1325-4	52	65	73	77	78	74	70	61	1335	67	80	88	92	93	89	85	76
1325-6	42	55	63	67	68	64	60	51	1160	68	81	89	93	94	90	86	77
1630-4	60	73	81	85	86	82	78	69	2060	66	79	87	91	92	88	84	75
1630-6	48	61	69	73	74	70	66	57	2160	64	77	85	89	89	85	81	73
1840-4	55	68	76	80	81	77	73	64	720	56	69	77	81	81	77	73	65
1840-6	50	63	71	75	76	72	68	59	825	60	73	81	85	85	81	77	69
1942-4-7,5	75	85	87	90	89	89	87	78	930	65	78	86	90	90	86	82	74

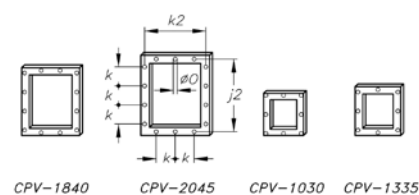
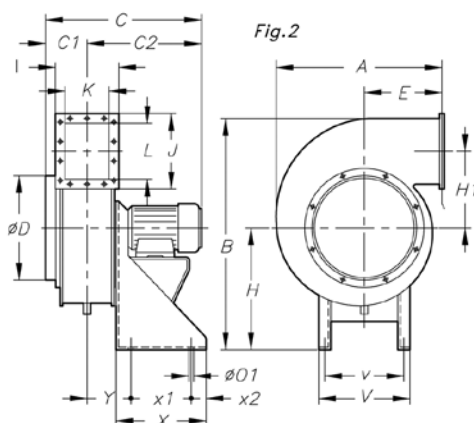
Dimensions in mm

CPV-720...1942



Model	Fig.	A	A1	B	C	C1	C2	c	ØD	E	H	ØK	ØO1	V	v	X	x1	Y
CPV-720	1	375	-	456	350	80	270	45	90	212	281	90	8	355	335	180	160	92
CPV-815	1	303	335	521	371	100	271	30	125	100	281	125	8	355	335	180	160	90
CPV-825	1	445	-	522	433	110	323	55	125	218	290	125	8	355	335	180	160	103
CPV-930	1	540	-	658	477	100	377	40	160	262	370	160	8	400	380	180	160	117
CPV-1020-2T	1	340	397	584	440	116	324	32	160	100	281	160	8	355	335	180	160	121
CPV-1020-2T	1	340	397	584	413	116	297	32	160	100	281	160	8	355	335	180	160	116
CPV-1325-2T	1	413	505	735	487	130	357	35	200	103	370	200	8	400	380	180	160	126
CPV-1325	1	413	505	716	438	130	308	35	200	103	351	200	8	400	380	180	160	127
CPV-1630-4T	1	490	602	888	529	145	384	35	250	117	440	250	8	450	430	240	220	143
CPV-1630-6T	1	490	602	878	495	145	350	35	250	117	430	250	8	450	430	240	220	137
CPV-1942-4T	1	580	750	1170	792	210	642	60	315	130	600	315	8	600	564	350	314	188
CPV-1942-6T	1	580	750	1150	724	210	574	60	315	130	580	315	8	600	564	350	314	188
CPV-1942-8T	1	580	750	1150	724	210	574	60	315	130	580	315	8	600	564	350	314	188

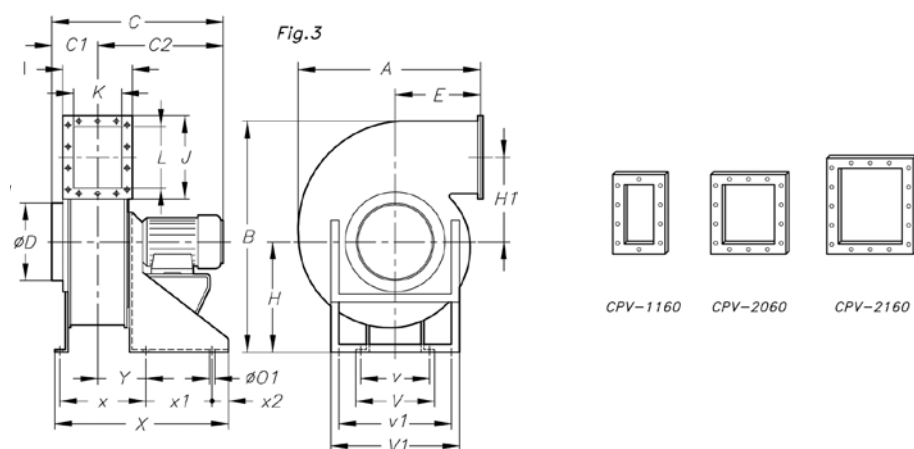
CPV-1030...2045



Model	Fig.	A	B	C	C1	C2	ØD	E	H	I	J	J2	ØK	k	k2	L	ØO	ØO1	V	v	X	x1	x2	Y
CPV-1030	2	494	698	-	155	-	200	225	410	210	221	200	140	100	186	155	9	12	260	234	-	175	50	130
CPV-1335	2	566	788	-	175	-	225	255	452	240	256	226	160	100	210	180	9	12	320	285	-	200	50	140
CPV-1840-4T	2	631	819	660	210	450	355	275	420	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-1840-6T	2	631	809	630	210	420	355	275	410	305	356	326	225	100	275	280	9	12	320	285	300	200	50	170
CPV-2045	2	736	1020	810	245	565	400	310	542	362	421	381	270	100	322	335	9	12	350	315	350	250	50	195

Dimensions in mm

CPV-1160...2160



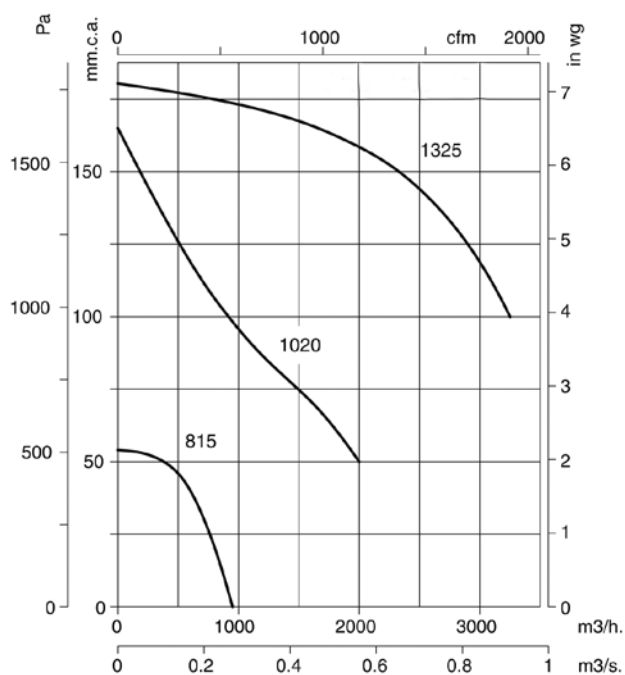
Model	Fig.	A	B	C1	ØD	E	H	I	J	J2	ØK	k	k2	L	ØO	ØO1	V	V1	v	v1	X	x	x1	x2	Y
CPV-1160	3	937	1276	210	350	410	700	275	416	366	155	100	225	310	9	14	500	790	450	670	710	265	360	60	155
CPV-2060	3	937	1276	270	400	410	700	395	416	366	275	100	345	310	9	14	500	790	450	670	830	385	360	60	215
CPV-2160	3	981	1336	285	600	414	700	455	501	451	335	100	405	395	9	14	500	790	450	670	890	445	360	60	240

Characteristic curves

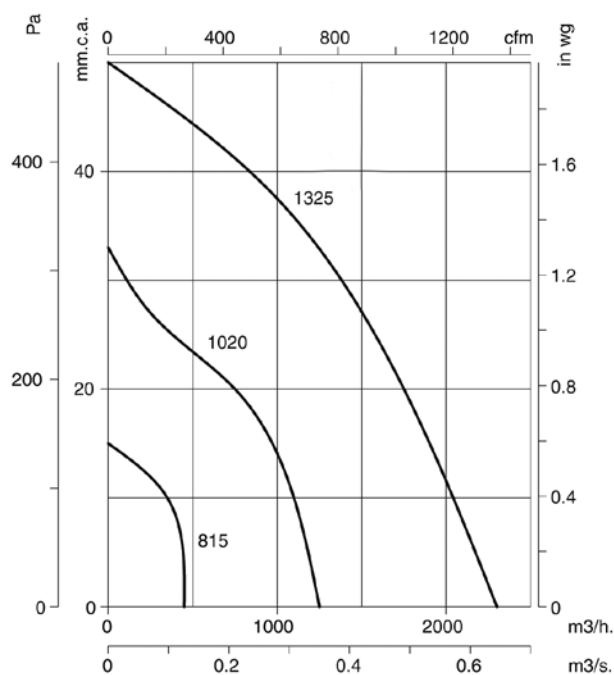
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

2T=3000 r/min.



4T=1500 r/min.

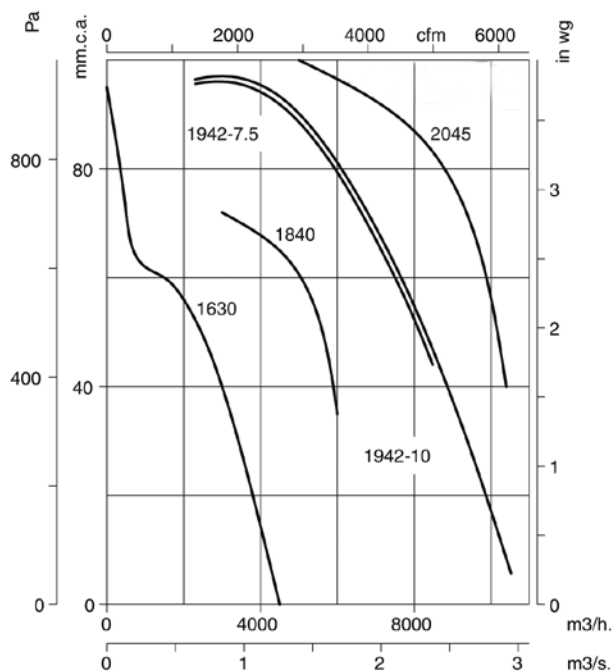


Characteristic curves

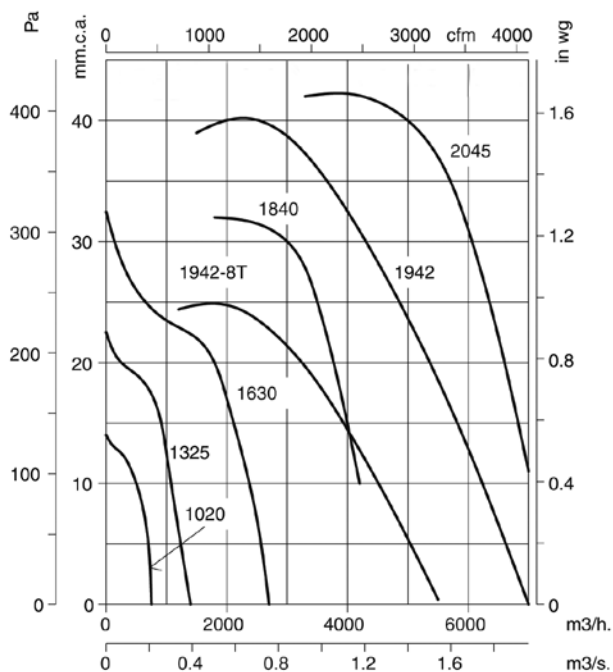
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

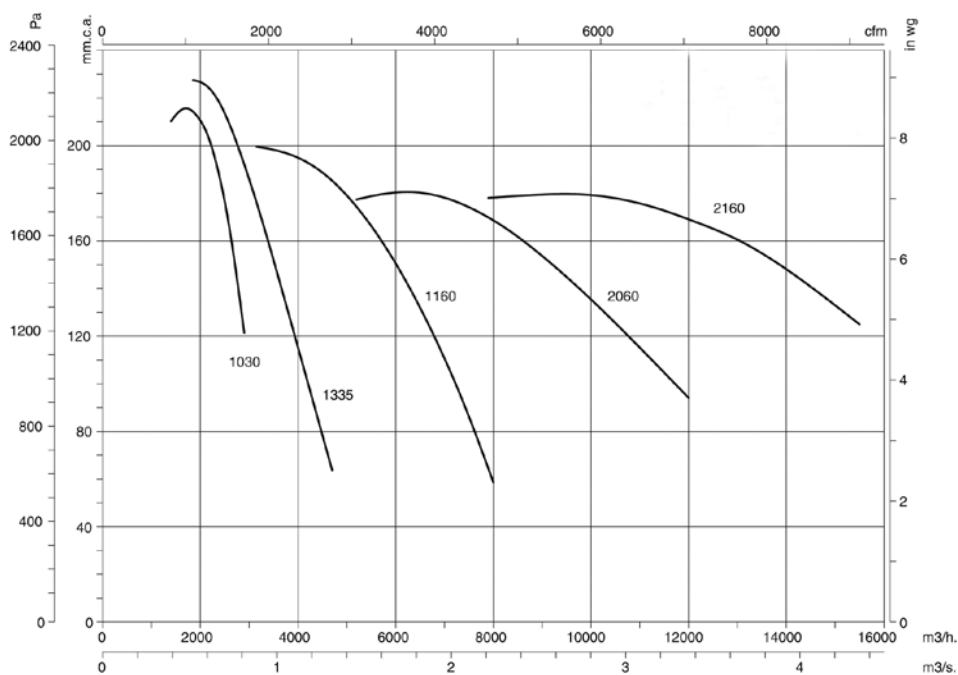
4T=1500 r/min.



6T=1000 r/min. 8T=750 r/min



2T=3000 r/min. 4T=1500 r/min

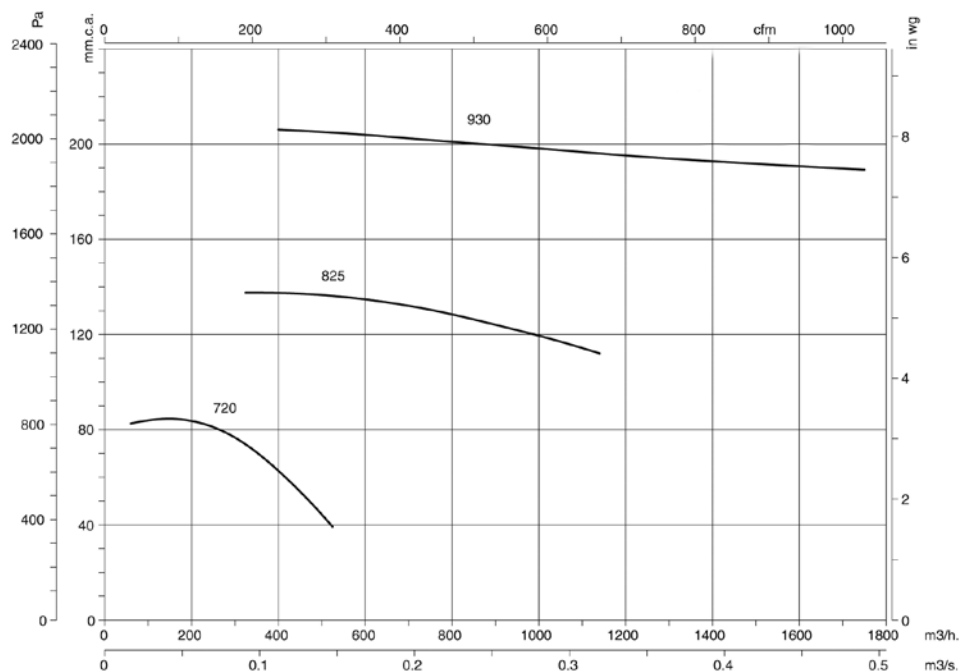


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

2T=3000 r/min.



Positions

LG 90 standard supply



Accessories

See accessories section.



CA

Centrifugal single-inlet, high-pressure fans with casing and impeller made from cast aluminium

Fan:

- Casing made from cast aluminium
- Impeller made from cast aluminium

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Max. air temperature to transport: -20°C.+ 120°C.

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Special windings for different voltages
- Fan designed to transport air up to 250°C
- ATEX certification, Category 2



Built from thick aluminium to reduce noise and vibrations

Order code

CA — 148 — 2T — 0,75 — 60Hz

CA: Centrifugal single-inlet, high-pressure fans with casing and impeller made from cast aluminium

Impeller size

Number of motor poles
2=3500 r/min. 60 Hz

T=Three-phase

Power motor (CV.)

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CA-234-2T	3444	1.73	1		0.37	280	72	10.2
CA-234-2M	3444	2.95			0.37	280	72	10.2
CA-142-2T-0.33	3282	1.39	0.8		0.25	460	73	22.5
CA-142-2T-0.5	3372	1.92	1.11		0.37	660	73	22.5
CA-148-2T-0.75	3396	2.42	1.4		0.55	420	74	28
CA-148-2T-1	3408	3	1.73		0.75	500	75	30
CA-148-2T-1.5	3420	4.16	2.4		1.1	990	76	32
CA-154-2T-1.5	3396	4.16	2.4		1.1	600	78	46
CA-154-2T-2	3432	5.63	3.25		1.5	800	79	48.5
CA-154-2T-3	3450	7.97	4.6		2.2	1280	80	50.5
CA-160-2T-2	3420	5.63	3.25		1.5	500	83	57
CA-160-2T-3	3432	7.97	4.6		2.2	900	84	58
CA-166-2T-3	3444	7.97	4.6		2.2	500	84	67
CA-166-2T-4	3444	10.57	6.1		3	950	85	73
CA-166-2T-5.5	3432	13.34	7.7		4	1600	86	76
CA-172-2T-5.5	3456	13.34	7.7		4	1100	87	90
CA-172-2T-7.5	3456		11.1	6.4	5.5	1710	88	112
CA-172-2T-10	3516		13.9	8	7.5	2300	89	124

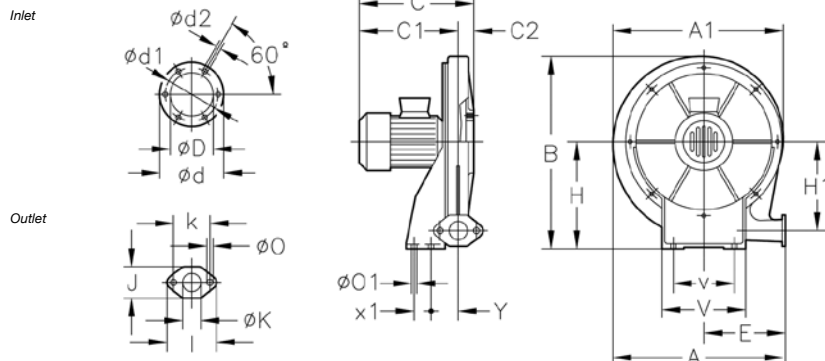
Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
234	38	51	65	72	80	79	73	64	160-2	54	67	81	88	96	94	88	80
142	39	52	66	73	81	80	74	65	160-3	55	68	82	89	97	95	89	81
148-0,75	43	56	70	77	85	83	77	69	166-3	55	68	82	89	97	95	89	81
148-1	44	57	71	78	86	84	78	70	166-4	56	69	83	90	98	96	90	82
148-1,5	45	58	72	79	87	85	79	71	166-5,5	57	70	84	91	99	97	91	83
154-1,5	47	60	74	81	89	87	81	73	172-5,5	59	72	86	93	101	100	94	85
154-2	48	61	75	82	90	88	82	74	172-7,5	60	73	87	94	102	101	95	86
154-3	49	62	76	83	91	89	83	75	172-10	61	74	88	95	103	102	96	87

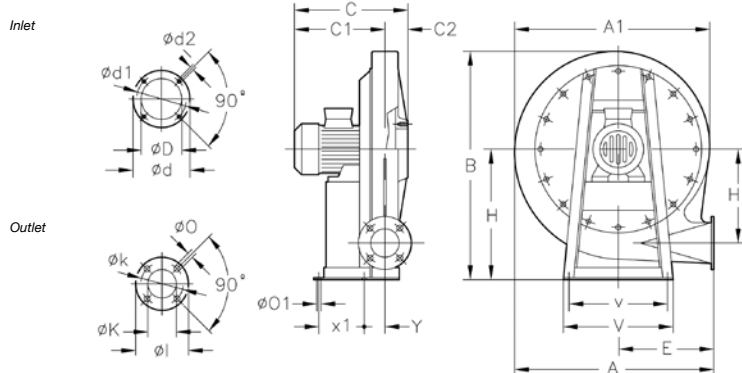
Dimensions in mm

CA-234



Model	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	I	J	øK	k	øO	øO1	V	v	x1	Y
CA-234-2T-0.33	376	381	415	272	242.5	29.5	98	130	115	M4	175	225	187	98	63	40	72	9	9	180	120	40	94
CA-234-2M-0.33	376	381	415	272	242.5	29.5	98	130	115	M4	175	225	187	98	63	40	72	9	9	180	120	40	94

CA-142...172

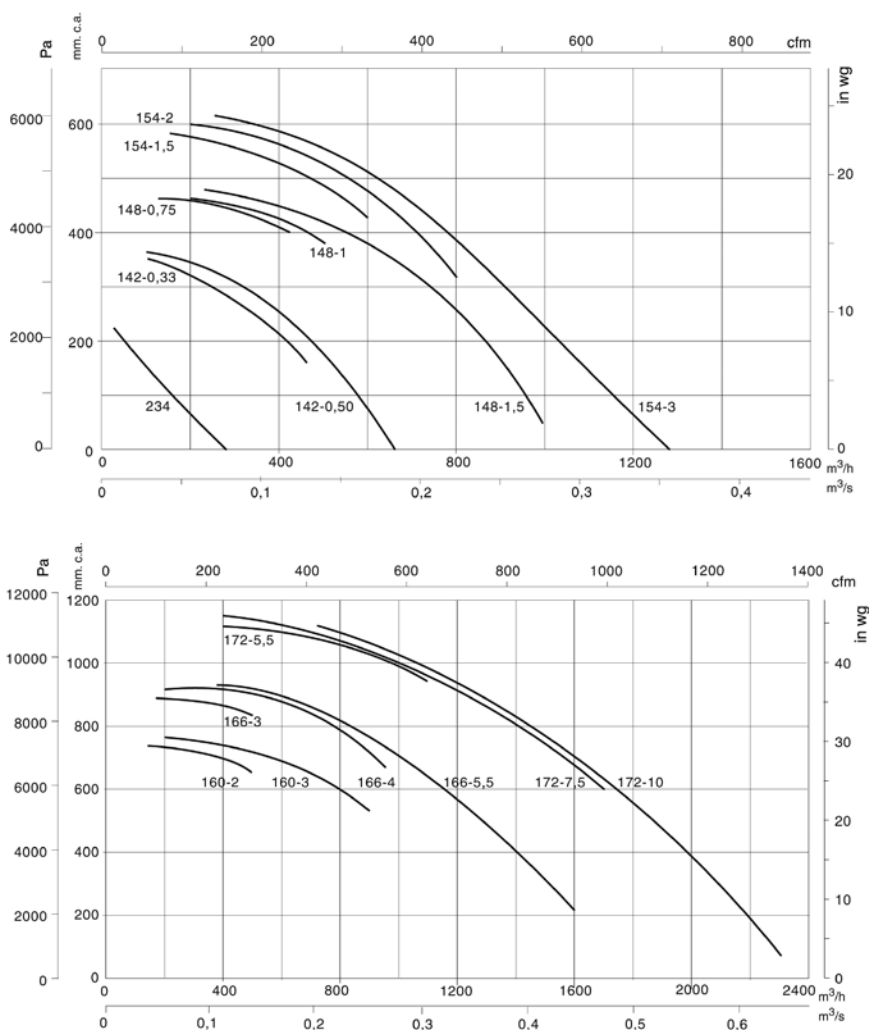


Model	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	øI	øK	øk	øO	øO1	V	v	x1	Y
CA-142-2T-0'33	494	488	540	270	221.52	48.5	90	160	130	M8	240	301	235	120	60	90	11	12	300	270	130	51
CA-142-2T-0'5	494	488	540	290	241.5	48.5	90	160	130	M8	240	301	235	120	60	90	11	12	300	270	130	51
CA-142-2T-0'75	563	557.5	639	308.5	251.5	57	100	170	140	M8	270	360	269.5	150	73	110	11	12	330	290	140	60
CA-148-2T-1	563	557.5	639	324.5	267.5	57	100	170	140	M8	270	360	269.5	150	73	110	11	12	330	290	140	60
CA-148-2T-1'5	563	557.5	639	324.5	267.5	57	100	170	140	M8	270	360	269.5	150	73	110	11	12	330	290	140	60
CA-154-2T-1'5	630	625	708	348	268.5	79.5	115	183	155	M10	300	395	308	160	80	120	13	12	356	320	210	62
CA-154-2T-2	630	625	708	371	291.5	79.5	115	183	155	M10	300	395	308	160	80	120	13	12	356	320	210	62
CA-154-2T-3	630	625	708	396	316.5	79.5	115	183	155	M10	300	395	308	160	80	120	13	12	356	320	210	62
CA-160-2T-2	708	699	785	381	291	90	130	230	192	M10	336	440	338	160	85	120	13	12	373	322	220	62
CA-160-2T-3	708	699	785	406	316	90	130	230	192	M10	336	440	338	160	85	120	13	12	373	322	220	62
CA-166-2T-3	759	752	866	399	319.5	79.5	140	230	200	M10	364	490	372	160	85	120	13	12	450	400	245	70
CA-166-2T-4	759	752	866	423	343.5	79.5	140	230	200	M10	364	490	372	160	85	120	13	12	450	400	245	70
CA-166-2T-5'5	759	752	866	445	365.5	79.5	140	230	200	M10	364	490	372	160	85	120	13	12	450	400	265	70
CA-172-2T-5'5	818	813	923	451	371	80	148	230	200	M10	390	516	404	175	90	140	13	12	450	400	260	78
CA-172-2T-7'5	818	813	923	492	412	80	148	230	200	M10	390	516	404	175	90	140	13	12	450	400	300	78
CA-172-2T-10	818	813	923	492	412	80	148	230	200	M10	390	516	404	175	90	140	13	12	450	400	300	78

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply

LG 180 positions on request and with special fixing measures.



Accessories

See accessories section.



THT



Detail THT/Atex

THT: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h

THT/ATEX: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h with ATEX certification

Cased axial fans with short casing for working inside fire danger zones, 400°C/2h. THT/ATEX: with ATEX certification, category 3 Ex II3G. In accordance with Spanish Low Voltage Regulation ITC 29 ATEX for Zone 2 rated car parks.

Fan:

- Sheet steel long casing. THT/ATEX: with aluminium strip in the impeller area in accordance with Standard EN-14986:2005
- Turnable impellers cast aluminium.
- Approval according to Standard EN-12101-3-2002
- Airflow direction from motor to impeller

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- Three-phase 220/380V. 60Hz (up to 4CV.) and 380/660V. 60Hz.(power over 4CV.)
- Max. air temperature to transport: S1 Service -20°C+ 40°C for ongoing use, S2 Service 200°C/2h, 300°C/2h, 400°C/2h

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Long-casing fans with inspection hatch
- 100% reversible impellers.



Order code

From size 40 to size 100

THT — 56 — 4T — 2 — F-400 — 60Hz

THT: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h

Impeller diameter in cm.

Number of motor poles

T=Three-phase

Power motor (CV.)

F-200: Officially approved 200°C/2h

F-300: Officially approved 300°C/1h

F-400: Officially approved 400°C/2h

CAT3: With ATEX certification, Category 3 Ex II3G.

THT/ATEX: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h with ATEX certification

THT/CL: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h with long casing, equipped with an inspection door

2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz
8=900 r/min. 60 Hz
12=750 r/min. 60 Hz

From size 125 to size 160

THT — 125 — 4T — 15 — 9-10 — F-400 — 60Hz

THT: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h

Impeller diameter in cm.

Number of motor poles

T=Three-phase

Power motor (CV.)

Number of blades:
3 blades
6 blades
9 blades

Angle of inclination of the blades

F-200: Officially approved 200°C/2h

F-300: Officially approved 300°C/1h

F-400: Officially approved 400°C/2h

CAT3: With ATEX certification, Category 3 Ex II3G.

THT/CL: Cased axial fans 400°C/2h, 300°C/1h and 200°C/2h with long casing, equipped with an inspection door

2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz
8=900 r/min. 60 Hz
12=750 r/min. 60 Hz

Technical characteristics

60Hz

— 60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)		
		220V	380V	660V				Long	Short	
THT-40-2T-1.5	3455	4.70	2.70		1.10	6750	76	33	31	
THT-40-2/4T-1.5	3505/1750		2.90/2.10		1.10/0.25	6750/3400	76/61	34	32	
THT-40-2T-2	3455	5.90	3.40		1.50	7350	77	35	33	
THT-40-2/4T-2	3530/1750		4.40/1.40		1.50/0.37	7350/3650	77/62	35	33	
THT-40-4T-0.75	1690	2.73	1.57		0.55	5800	64	32	29	
THT-40-6T-0.75	1150	4.10	2.40		0.55	3800	53	37	34	
THT-40-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	3800/1750	53/38	41	38	
THT-45-2T-2	3455	5.90	3.40		1.50	8800	78	38	34	
THT-45-2/4T-2	3530/1750		5.70/1.80		1.50/0.37	8800/4400	78/63	37	34	
THT-45-2T-3	3480	8.70	5.00		2.20	11300	80	39	36	
THT-45-2/4T-3	3515/1740		4.40/1.40		2.20/0.60	11300/5650	80/65	39	36	
THT-45-4T-0.75	1690	2.73	1.57		0.55	7500	68	34	30	
THT-45-6T-0.75	1150	4.10	2.40		0.55	6050	55	38	35	
THT-45-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	6050/2800	55/40	42	39	
THT-50-2T-4	3455	11.20	6.50		3.00	12100	82	49	42	
THT-50-2/4T-4	3505/1730		6.70/2.00		3.00/0.80	12100/6050	82/67	51	44	
THT-50-2T-5.5	3470		9.30	5.40	4.00	14300	83	65	57	
THT-50-2/4T-6	3515/1740		10.00/3.20		4.50/1.30	15400/7700	83/68	67	60	
THT-50-4T-1	1700	3.50	2.03		0.75	8950	69	37	33	
THT-50-6T-0.75	1150	4.10	2.40		0.55	9150	57	40	36	
THT-50-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	9150/4250	57/42	44	40	
THT-56-2T-5.5	3505		9.50	5.50	4.00	18150	88	69	60	
THT-56-2/4T-6	3515/1740		10.00/3.20		4.50/1.30	19650/9800	88/72	71	63	
THT-56-2T-12	3540		19.20	11.00	9.00	27000	89	147	139	
THT-56-2/4T-12	3505/1730		20.70/5.50		9.00/2.50	27000/13500	89/74	137	129	
THT-56-4T-1	1715	3.50	2.00		0.75	10550	73	45	40	
THT-56-4T-1.5	1715	4.80	2.80		1.10	12750	74	44	40	
THT-56-4/8T-1.5	1730/850		2.90/1.40		1.10/0.25	12750/6300	74/59	48	43	
THT-56-4T-2	1705	6.20	3.60		1.50	15000	75	48	43	
THT-56-4/8T-2	1700/860		3.60/1.50		1.50/0.30	15000/7400	75/60	59	55	
THT-56-6T-0.75	1150	4.10	2.40		0.55	10650	62	44	39	
THT-56-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	10650/4950	62/47	48	43	
THT-63-2T-12	3540		19.20	11.00	9.00	33100	90	161	143	
THT-63-2/4T-12	3505/1730		18.50/5.50		9.00/2.50	33100/16550	90/75	151	133	
THT-63-2T-22	3550		32.30	18.60	16.00	44750	91	188	170	
THT-63-2/4T-22	3550/1775		32.30/8.90		16.00/4.00	44750/22400	91/76	188	170	
THT-63-4T-1	1715	3.50	2.00		0.75	13800	73	49	43	
THT-63-4T-1.5	1715	4.80	2.80		1.10	16550	74	51	45	
THT-63-4/8T-1.5	1730/850		2.90/1.40		1.10/0.25	16550/8200	74/59	55	49	
THT-63-4T-2	1705	6.20	3.60		1.50	19100	75	55	49	
THT-63-4/8T-2	1700/860		3.60/1.50		1.50/0.30	19100/9450	75/60	70	60	
THT-63-4T-3	1715	9.00	5.20		2.20	22400	76	64	54	
THT-63-4/8T-3	1700/860		5.20/1.90		2.20/0.45	22400/11050	76/61	77	66	
THT-63-4T-4	1715	11.40	6.60		3.00	25150	77	73	63	
THT-63-4/8T-4	1710/850		6.80/2.20		3.00/0.60	25150/12450	77/62	86	77	
THT-63-6T-0.75	1150	4.10	2.40		0.55	14650	65	51	45	
THT-63-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	14650/6800	65/50	55	49	
THT-63-6T-1	1140	4.70	2.70		0.75	15900	66	54	48	
THT-63-6/12T-1	1130/530		2.20/0.87		0.75/0.15	15900/7400	66/51	61	55	
THT-71-4T-1.5	1715	4.80	2.80		1.10	19950	78	58	52	
THT-71-4/8T-1.5	1730/850		2.90/1.40		1.10/0.25	19950/9850	78/63	61	56	
THT-71-4T-2	1705	6.20	3.60		1.50	19950	79	61	56	
THT-71-4/8T-2	1700/860		3.60/1.50		1.50/0.30	19950/9850	79/64	76	67	

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V	660V				Long	Short
THT-71-4T-3	1715	9.00	5.20		2.20	25250	81	70	61
THT-71-4/8T-3	1700/860		5.20/1.90		2.20/0.45	25250/12450	81/66	82	74
THT-71-4T-4	1715	11.40	6.60		3.00	28100	82	79	70
THT-71-4/8T-4	1710/850		6.80/2.20		3.00/0.60	28100/13900	82/67	92	83
THT-71-6T-0.75	1150	4.10	2.40		0.55	15400	67	57	52
THT-71-6/12T-0.75	1130/530		1.60/0.55		0.55/0.09	15400/7150	67/52	61	56
THT-71-6T-1	1140	4.70	2.70		0.75	17450	68	61	55
THT-71-6/12T-1	1130/530		2.20/0.87		0.75/0.15	17450/8100	68/53	67	62
THT-71-6T-1.5	1130	5.50	3.20		1.10	20300	69	69	61
THT-71-6/12T-1.5	1140/565		3.00/1.15		1.10/0.18	20300/9450	69/54	77	69
THT-80-4T-3	1715	9.00	5.20		2.20	25050	82	79	69
THT-80-4/8T-3	1700/860		5.20/1.90		2.20/0.45	25050/12400	82/67	91	82
THT-80-4T-4	1715	11.40	6.60		3.00	27850	83	88	78
THT-80-4/8T-4	1710/850		6.80/2.20		3.00/0.60	27850/13750	83/68	101	92
THT-80-4T-5.5	1720		8.40	4.80	4.00	33450	84	94	85
THT-80-4/8T-5.5	1745/870		9.30/3.40		4.00/0.80	33450/16550	84/69	127	118
THT-80-6T-1.5	1130	5.50	3.20		1.10	20100	72	78	69
THT-80-6/12T-1.5	1140/565		3.00/1.15		1.10/0.18	20100/9350	72/57	86	77
THT-80-6T-2	1135	7.40	4.30		1.50	23900	73	87	78
THT-80-6/12T-2	1140/550		4.60/1.90		1.50/0.25	23900/11100	73/58	91	82
THT-80-6T-3	1120	9.50	5.50		2.20	30150	74	94	84
THT-80-6/12T-3	1130/565		5.60/2.20		2.20/0.37	30150/14000	74/59	100	91
THT-80-8T-0.75	840	3.60	2.10		0.55	16550	70	71	62
THT-80-8T-1	850	4.80	2.80		0.75	19550	71	78	69
THT-90-4T-4	1715	11.40	6.60		3.00	34700	87	110	93
THT-90-4/8T-4	1710/850		6.80/2.20		3.00/0.60	34700/17150	87/72	124	106
THT-90-4T-5.5	1720		8.40	4.80	4.00	39900	89	117	99
THT-90-4/8T-5.5	1745/870		9.30/3.40		4.00/0.80	39900/19700	89/74	150	132
THT-90-4T-7.5	1750		12.60	7.30	5.50	43350	91	143	126
THT-90-4/8T-7.5	1745/870		12.80/4.60		5.50/1.10	43350/21450	91/76	157	140
THT-90-4T-10	1750		17.70	10.20	7.50	50000	92	154	137
THT-90-4/8T-9	1745/870		15.60/6.30		6.70/1.50	46850/23150	92/77	157	140
THT-90-6T-2	1135	7.40	4.30		1.50	28400	77	110	92
THT-90-6/12T-2	1140/550		4.60/1.90		1.50/0.25	28400/13200	77/62	114	96
THT-90-6T-3	1120	9.50	5.50		2.20	32750	78	116	99
THT-90-6/12T-3	1130/565		5.60/2.20		2.20/0.37	32750/15250	78/63	123	105
THT-90-6T-4	1165	13.50	7.80		3.00	38150	79	142	124
THT-90-6/12T-4	1150/570		8.90/3.50		3.00/0.55	38150/17750	79/64	143	126
THT-90-8T-1	850	4.80	2.80		0.75	23150	71	100	84
THT-90-8T-2	850	7.80	4.50		1.50	29850	73	116	99
THT-90-8T-3	850	11.40	6.60		2.20	35350	74	134	116
THT-100-4T-7.5	1750		12.60	7.30	5.50	51700	92	151	131
THT-100-4/8T-7.5	1745/870		12.80/4.60		5.50/1.10	46950/23200	92/77	165	145
THT-100-4T-10	1750		17.70	10.20	7.50	56400	93	162	142
THT-100-4/8T-9	1745/870		15.60/6.30		6.70/1.50	56400/27900	93/78	165	145
THT-100-4T-15	1750		22.00	12.70	11.00	65850	94	215	195
THT-100-4/8T-15	1765/870		23.20/8.70		11.00/2.80	65850/32550	94/79	215	195
THT-100-4T-20	1750		29.00	16.70	15.00	72500	95	230	210
THT-100-4/8T-20	1765/870		31.70/11.80		15.00/3.80	72500/35850	95/80	230	210
THT-100-6T-3	1120	9.50	5.50		2.20	36950	82	124	105
THT-100-6/12T-3	1130/565		5.60/2.20		2.20/0.37	36950/17200	82/67	130	112
THT-100-6T-4	1165	13.50	7.80		3.00	43150	83	150	130
THT-100-6/12T-4	1150/570		8.90/3.50		3.00/0.55	43150/20050	83/68	151	131
THT-100-6T-5.5	1165		11.00	6.40	4.00	47500	84	162	142
THT-100-6/12T-5.5	1165/575		11.30/4.20		4.00/0.65	47500/22100	84/69	162	142

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V	660V				Long	Short
THT-100-8T-2	850	7.80	4.50		1.50	32550	77	124	105
THT-100-8T-3	850	11.40	6.60		2.20	37450	77	142	122
THT-100-8T-4	850	15.60	9.00		3.00	43400	78	162	142
THT-125-4T/3-10	1750		17.70	10.20	7.50	54400	88	243	210
THT-125-4/8T/3-9	1745/870		15.60/6.30		6.70/1.50	50550/25000	88/68	243	210
THT-125-4T/3-15	1750		22.00	12.70	11.00	69800	89	294	266
THT-125-4/8T/3-15	1765/870		23.20/8.70		11.00/2.80	69800/34500	89/69	294	266
THT-125-4T/3-20	1750		29.00	16.70	15.00	77500	91	309	281
THT-125-4/8T/3-20	1765/870		31.70/11.80		15.00/3.80	77500/38300	91/71	309	281
THT-125-4T/3-25	1760		37.00	21.40	18.50	92950	91	377	334
THT-125-4T/3-30	1765		42.00	24.20	22.00	101300	92	391	348
THT-125-4/8T/3-27	1765/880		38.00/13.00		20.00/4.00	92950/45950	92/71	391	348
THT-125-4/8T/3-37	1770/880		51.00/20.60		27.00/6.00	118000/58350	93/72	472	429
THT-125-4T/3-40	1770		58.00	33.50	30.00	118000	93	472	429
THT-125-4/8T/3-40	1775/880		62.00/27.00		30.00/10.00	118000/58350	93/72	618	562
THT-125-4T/6-20	1750		29.00	16.70	15.00	69250	89	318	290
THT-125-4/8T/6-20	1765/870		31.70/11.80		15.00/3.80	73400/36250	89/68	318	290
THT-125-4/8T/6-22	1765/880		31.80/12.00		16.50/3.30	77500/38300	89/69	303	275
THT-125-4T/6-25	1760		37.00	21.40	18.50	81600	90	386	343
THT-125-4/8T/6-27	1765/880		38.00/13.00		20.00/4.00	85750/42350	90/69	400	357
THT-125-4T/6-30	1765		42.00	24.20	22.00	93950	90	400	357
THT-125-4/8T/6-37	1770/880		51.00/20.60		27.00/6.00	102200/50500	90/70	481	437
THT-125-4T/6-40	1770		58.00	33.50	30.00	110400	92	481	437
THT-125-4/8T/6-40	1775/880		62.00/27.00		30.00/10.00	110400/54600	92/71	627	571
THT-125-4T/6-50	1775		73.00	42.10	37.00	117700	93	529	473
THT-125-4T/9-25	1760		37.00	21.40	18.50	69850	88	395	352
THT-125-4/8T/9-22	1765/880		31.80/12.00		16.50/3.30	59500/29400	88/69	312	284
THT-125-4T/9-30	1765		42.00	24.20	22.00	85350	89	409	366
THT-125-4/8T/9-27	1765/880		38.00/13.00		20.00/4.00	75000	89/70	409	366
THT-125-4/8T/9-37	1770/880		51.00/20.60		27.00/6.00	85350/42200	90/70	490	446
THT-125-4T/9-40	1770		58.00	33.50	30.00	95700	91	490	446
THT-125-4/8T/9-40	1775/880		62.00/27.00		30.00/10.00	95700/47300	91/71	636	580
THT-125-4T/9-50	1775		73.00	42.10	37.00	106050	93	538	482
THT-125-6T/3-4	1165	13.50	7.80		3.00	35650	79	230	197
THT-125-6/12T/3-4	1150/570		8.90/3.50		3.00/0.55	40700/18900	79/64	232	199
THT-125-6T/3-5.5	1165		11.00	6.40	4.00	50800	80	242	209
THT-125-6/12T/3-5.5	1165/575		11.30/4.20		4.00/0.65	50800/23600	80/65	243	210
THT-125-6T/3-7.5	1165		12.40	7.20	5.50	60900	81	249	216
THT-125-6/12T/3-7.5	1165/575		13.20/5.30		5.50/1.00	60900/28300	81/66	263	230
THT-125-6T/3-10	1165		17.00	9.80	7.50	71850	83	274	246
THT-125-6/12T/3-10	1150/565		20.00/9.00		7.50/1.40	71850/33400	83/68	294	266
THT-125-6T/3-15	1145		26.00	15.00	11.00	91650	84	304	276
THT-125-6/12T/3-15	1150/565		28.50/13.00		11.00/2.00	91650/42600	84/69	309	281
THT-125-6T/3-20	1170		31.00	17.90	15.00	101650	85	377	334
THT-125-6/12T/3-24	1165/575		36.00/14.50		17.50/3.50	104450/48550	85/70	472	429
THT-125-6T/6-5.5	1165		11.00	6.40	4.00	45400	77	251	218
THT-125-6/12T/6-5.5	1165/575		11.30/4.20		4.00/0.65	50750/23600	77/62	252	219
THT-125-6T/6-7.5	1165		12.40	7.20	5.50	56150	77	258	225
THT-125-6/12T/6-7.5	1165/575		13.20/5.30		5.50/1.00	56150/26100	77/62	272	239
THT-125-6T/6-10	1165		17.00	9.80	7.50	66950	79	283	255
THT-125-6/12T/6-10	1150/565		20.00/9.00		7.50/1.40	66950/31150	79/64	303	275
THT-125-6T/6-15	1145		26.00	15.00	11.00	81900	81	313	285
THT-125-6/12T/6-15	1150/565		28.50/13.00		11.00/2.00	81900/38100	81/66	318	290
THT-125-6T/6-20	1170		31.00	17.90	15.00	91950	82	386	343
THT-125-6/12T/6-24	1165/575		36.00/14.50		17.50/3.50	102550/47700	82/67	481	437

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V	660V				Long	Short
THT-125-6T/9-10	1165		17.00	9.80	7.50	55900	78	292	264
THT-125-6/12T/9-10	1150/565		20.00/9.00		7.50/1.40	55900/26000	78/63	312	284
THT-125-6T/9-15	1145		26.00	15.00	11.00	76250	81	322	294
THT-125-6/12T/9-15	1150/565		28.50/13.00		11.00/2.00	76250/35450	81/66	327	299
THT-125-6T/9-20	1170		31.00	17.90	15.00	87450	84	395	352
THT-125-6/12T/9-24	1165/575		36.00/14.50		17.50/3.50	93050/43250	84/69	490	446
THT-140-6T/3-5.5	1130		8.72	5.00	4.00	47700	83	279	242
THT-140-6T/3-7.5	1150		12.20	7.00	5.50	61200	84	287	250
THT-140-6T/3-10	1165		15.60	9.00	7.50	67950	85	339	300
THT-140-6T/3-15	1165		23.30	13.50	11.00	88800	86	356	317
THT-140-6T/3-20	1165		27.40	15.80	15.00	103450	88	436	386
THT-140-6T/6-7.5	1150		12.20	7.00	5.50	60700	84	297	260
THT-140-6T/6-10	1165		15.60	9.00	7.50	67950	85	349	310
THT-140-6T/6-15	1165		23.30	13.50	11.00	82350	86	366	327
THT-140-6T/6-20	1165		27.40	15.80	15.00	96800	87	445	396
THT-140-6T/6-25	1170		34.40	19.90	18.50	103200	88	497	448
THT-140-6T/6-30	1170		41.40	23.90	22.00	116000	89	506	457
THT-140-6T/9-10	1165		15.60	9.00	7.50	56700	84	358	319
THT-140-6T/9-15	1165		23.30	13.50	11.00	74850	86	375	336
THT-140-6T/9-20	1165		27.40	15.80	15.00	83900	87	455	405
THT-140-6T/9-25	1170		34.40	19.90	18.50	102050	88	506	458
THT-140-6T/9-30	1170		41.40	23.90	22.00	109500	89	515	467
THT-140-6T/9-40	1180		54.20	31.30	30.00	124500	91	673	611
THT-140-6T/9-50	1175		66.40	38.30	37.00	133300	92	751	696
THT-140-8T/3-3	860	9.17	5.27		2.20	41050	78	279	242
THT-140-8T/3-4	850	12.50	7.20		3.00	51250	78	287	250
THT-140-8T/3-5.5	875		10.40	6.00	4.00	61450	79	337	298
THT-140-8T/3-7.5	875		13.80	8.00	5.50	72500	81	346	307
THT-140-8T/3-10	870		17.80	10.30	7.50	87700	82	357	318
THT-140-8T/6-3	860	9.17	5.27		2.20	45800	78	289	252
THT-140-8T/6-4	850	12.50	7.20		3.00	51250	79	297	260
THT-140-8T/6-5.5	875		10.40	6.00	4.00	56700	80	347	308
THT-140-8T/6-7.5	875		13.80	8.00	5.50	67600	81	356	317
THT-140-8T/6-10	870		17.80	10.30	7.50	77850	82	367	328
THT-140-8T/6-15	870		21.70	12.50	11.00	92850	83	453	404
THT-140-8T/9-4	850	12.50	7.20		3.00	42750	79	306	269
THT-140-8T/9-5.5	875		10.40	6.00	4.00	49600	79	356	317
THT-140-8T/9-7.5	875		13.80	8.00	5.50	56450	81	365	326
THT-140-8T/9-10	870		17.80	10.30	7.50	70150	82	376	337
THT-140-8T/9-15	870		21.70	12.50	11.00	82600	83	463	413
THT-140-8T/9-20	870		32.90	19.00	15.00	100550	86	516	468
THT-160-6T/3-10	1165		15.60	9.00	7.50	71150	83	412	358
THT-160-6T/3-15	1165		23.30	13.50	11.00	91350	85	429	375
THT-160-6T/3-20	1165		27.40	15.80	15.00	101450	86	522	453
THT-160-6T/3-25	1170		34.40	19.90	18.50	121600	87	574	504
THT-160-6T/3-30	1170		41.40	23.90	22.00	132550	89	583	513
THT-160-6T/6-15	1165		23.30	13.50	11.00	90650	85	440	386
THT-160-6T/6-20	1165		27.40	15.80	15.00	101400	86	532	463
THT-160-6T/6-25	1170		34.40	19.90	18.50	112200	87	584	515
THT-160-6T/6-30	1170		41.40	23.90	22.00	122950	88	593	524
THT-160-6T/6-40	1180		54.20	31.30	30.00	144500	89	768	669
THT-160-6T/6-50	1175		66.40	38.30	37.00	163600	91	842	757
THT-160-6T/9-15	1165		23.30	13.50	11.00	71100	85	450	396
THT-160-6T/9-20	1165		27.40	15.80	15.00	84600	86	542	473
THT-160-6T/9-25	1170		34.40	19.90	18.50	98150	87	594	525

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)	
		220V	380V	660V				Long	Short
THT-160-6T/9-30	1170		41.40	23.90	22.00	111700	88	603	534
THT-160-6T/9-40	1180		54.20	31.30	30.00	125250	89	778	679
THT-160-6T/9-50	1175		66.40	38.30	37.00	152300	90	852	768
THT-160-6T/9-60	1180		84.50	48.80	45.00	163500	91	1067	968
THT-160-6T/9-75	1180		100.00	57.70	55.00	174650	92	1112	1013
THT-160-8T/3-4	850	12.50	7.20		3.00	53700	77	356	304
THT-160-8T/3-5.5	875		10.40	6.00	4.00	61300	79	410	356
THT-160-8T/3-7.5	875		13.80	8.00	5.50	68900	80	419	365
THT-160-8T/3-10	870		17.80	10.30	7.50	84150	81	430	376
THT-160-8T/3-15	870		21.70	12.50	11.00	108250	83	530	461
THT-160-8T/6-5.5	875		10.40	6.00	4.00	68350	77	421	367
THT-160-8T/6-7.5	875		13.80	8.00	5.50	76500	79	430	376
THT-160-8T/6-10	870		17.80	10.30	7.50	84650	80	441	387
THT-160-8T/6-15	870		21.70	12.50	11.00	100900	82	540	471
THT-160-8T/6-20	870		32.90	19.00	15.00	116200	83	594	525
THT-160-8T/6-25	875		34.90	20.10	18.50	130600	84	741	642
THT-160-8T/9-7.5	875		13.80	8.00	5.50	63850	79	440	386
THT-160-8T/9-10	870		17.80	10.30	7.50	74050	80	451	397
THT-160-8T/9-15	870		21.70	12.50	11.00	84250	82	550	481
THT-160-8T/9-20	870		32.90	19.00	15.00	104700	83	604	535
THT-160-8T/9-25	875		34.90	20.10	18.50	114900	84	751	652
THT-160-8T/9-30	875		41.10	23.70	22.00	131750	85	776	677
THT-160-8T/9-40	875		56.30	32.50	30.00	150100	86	837	753

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

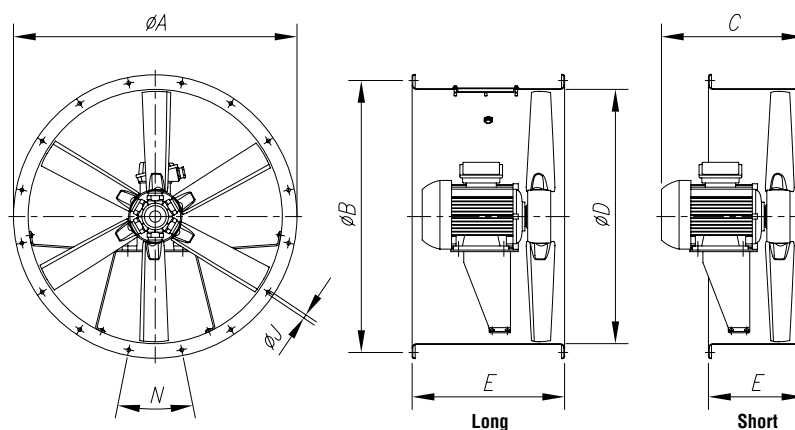
Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
40-2-1,5	48	69	76	81	84	80	73	62	63-6-0,75	42	60	68	73	75	72	65	56
40-2-2	49	70	77	82	85	81	74	63	63-6-1	43	62	70	75	77	74	67	57
40-4-0,75	36	57	64	69	72	68	61	50	63-8-1,5	33	53	61	66	68	65	58	50
40-4-1,5	33	54	61	66	69	65	58	47	63-8-2	37	53	61	66	68	65	58	51
40-4-2	34	55	62	67	70	66	59	48	63-8-3	38	55	63	68	70	67	62	52
40-6	25	46	53	58	61	57	50	39	63-8-4	39	56	64	69	71	68	63	53
40-12	10	31	38	43	46	42	35	24	63-12-0,75	27	43	51	56	58	55	48	37
45-2-2	50	71	78	83	86	82	75	64	63-12-1	28	45	53	58	60	57	50	42
45-2-3	52	73	80	85	88	84	77	66	71-4-1,5	54	74	82	87	89	86	79	69
45-4-0,75	40	61	68	73	76	72	65	54	71-4-2	53	73	81	86	88	85	78	70
45-4-2	35	56	63	68	71	67	60	49	71-4-3	58	72	80	85	87	84	77	71
45-4-3	37	58	65	70	73	69	62	51	71-4-4	59	73	81	86	88	85	78	72
45-6	27	48	55	60	63	59	52	41	71-6-0,75	44	63	72	74	76	73	66	55
45-12	12	33	40	45	48	44	37	26	71-6-1	45	65	73	75	77	74	67	56
50-2-4	57	77	85	90	92	89	82	71	71-6-1,5	46	66	71	76	78	75	68	57
50-2-5,5	58	78	86	91	93	90	83	72	71-8-1,5	38	58	66	71	73	70	63	54
50-2-6	58	78	86	91	93	90	83	72	71-8-2	38	58	66	71	73	70	63	55
50-4-1	44	64	72	77	79	76	69	58	71-8-3	43	57	65	70	72	69	62	56
50-4-4	42	62	70	75	77	74	67	56	71-8-4	44	58	66	71	73	70	63	57
50-4-6	43	63	71	76	78	75	68	57	71-12-0,75	29	44	52	57	59	56	49	38
50-6	32	52	60	65	67	64	57	46	71-12-1	30	46	54	59	61	58	51	40
50-12	17	37	45	50	52	49	42	31	71-12-1,5	31	46	54	59	61	58	51	40
50-2-5,5	63	83	91	96	98	95	88	77	80-4-3	57	77	85	90	92	89	82	73
56-2-6	63	83	91	96	98	95	88	77	80-4-4	56	76	84	89	91	88	81	74
56-2-12	64	84	92	97	99	96	89	78	80-4-5,5	56	76	84	89	91	88	81	70
56-4-1	48	68	76	81	83	80	73	62	80-6-1,5	49	66	74	79	81	78	71	60
56-4-1,5	49	69	77	82	84	81	74	63	80-6-2	50	67	75	80	82	79	72	61
56-4-2	50	70	78	83	85	82	75	64	80-6-3	51	68	76	81	83	80	73	62
56-4-6	48	68	76	81	83	80	73	62	80-8-0,75	47	60	68	73	75	72	65	54
56-4-12	49	69	77	82	84	81	74	63	80-8-1	48	61	69	74	76	73	66	55
56-6	37	57	65	70	72	69	62	51	80-8-3	42	62	70	75	77	74	67	58
56-8-1,5	34	54	62	67	69	66	59	48	80-8-4	41	61	69	74	76	73	66	59
56-8-2	35	55	63	68	70	67	60	49	80-8-5,5	40	60	68	73	75	72	65	59
56-12	22	42	50	55	57	54	47	36	80-12-1,5	34	49	57	62	64	61	54	43
63-2-12	67	87	95	100	102	99	92	81	80-12-2	35	50	58	63	65	62	55	44
63-2-22	68	88	96	101	103	100	93	82	80-12-3	36	51	59	64	66	63	56	45
63-4-1	50	70	78	83	85	82	75	64	90-4-4	61	82	89	94	97	93	86	79
63-4-1,5	48	68	76	81	83	80	73	65	90-4-5,5	60	81	88	93	96	92	85	74
63-4-2	52	68	76	81	83	80	73	66	90-4-7,5	59	80	87	92	95	91	84	73
63-4-3	53	70	78	83	85	82	77	67	90-4-9	58	79	86	91	94	90	83	72
63-4-4	54	71	79	84	86	83	78	68	90-4-10	58	79	86	91	94	90	83	72
63-4-12	52	72	80	85	87	84	77	66	90-6-2	49	70	77	82	85	81	74	63
63-4-22	53	73	81	86	88	85	78	67	90-6-3	56	70	77	82	85	81	74	63

Acoustic features

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

90-6-4	57	72	79	84	87	83	76	65	125-4/9-40	69	77	94	100	101	96	91	87
90-8-1	42	63	70	75	78	74	67	56	125-4/9-50	71	79	96	102	103	98	93	89
90-8-2	51	66	73	78	81	77	70	59	125-6/9-10	58	68	83	87	86	85	74	70
90-8-3	52	66	73	78	81	77	70	59	125-6/9-15	61	71	86	90	89	88	77	73
90-8-4	46	67	74	79	82	78	71	64	125-6/9-20	64	74	89	93	92	91	80	76
90-8-5,5	45	66	73	78	81	77	70	59	125-6/9-24	64	74	89	93	92	91	80	76
90-8-7,5	43	64	71	76	79	75	68	57	125-8/9-22	47	55	72	78	79	74	69	65
90-8-9	43	64	71	76	79	75	68	57	125-8/9-27	48	56	73	79	80	75	70	66
90-12-2	32	53	60	65	68	64	57	46	125-8/9-37	48	56	73	79	80	75	70	66
90-12-3	41	53	60	65	68	64	57	46	125-8/9-40	49	57	74	80	81	76	71	67
90-12-4	42	55	62	67	70	66	59	48	125-12/9-10	43	53	68	72	71	70	59	55
100-4-7,5	64	84	92	97	99	96	89	78	125-12/9-15	46	56	71	75	74	73	62	58
100-4-9	63	83	91	96	98	95	88	77	125-12/9-24	49	59	74	78	77	76	65	61
100-4-10	62	82	90	95	97	94	87	76	140-6/3-5,5	69	79	87	92	91	90	77	77
100-4-15	61	81	89	94	96	93	86	75	140-6/3-7,5	70	80	88	93	92	91	78	78
100-4-20	63	83	91	96	98	95	88	77	140-6/3-10	71	81	89	94	93	92	79	79
100-6-3	61	72	80	85	87	84	77	66	140-6/3-15	72	82	90	95	94	93	80	80
100-6-4	64	72	80	85	87	84	77	66	140-6/3-20	74	84	92	97	96	95	82	82
100-6-5,5	64	73	81	86	88	85	78	67	140-6/6-7,5	68	83	92	94	91	85	77	73
100-8-2	56	66	74	79	81	78	71	60	140-6/6-10	69	84	93	95	92	86	78	74
100-8-3	57	68	76	81	83	80	73	62	140-6/6-15	70	85	94	96	93	87	79	75
100-8-4	58	68	76	81	83	80	73	62	140-6/6-20	71	86	95	97	94	88	80	76
100-8-7,5	49	69	77	82	84	81	74	63	140-6/6-25	72	87	96	98	95	89	81	77
100-8-9	48	68	76	81	83	80	73	62	140-6/6-30	73	88	97	99	96	90	82	78
100-8-15	46	66	74	79	81	78	71	60	140-6/9-10	66	84	93	92	91	87	78	73
100-8-20	47	67	75	80	82	79	72	61	140-6/9-15	68	86	95	94	93	89	80	75
100-12-3	46	55	63	68	70	67	60	49	140-6/9-20	69	87	96	95	94	90	81	76
100-12-4	48	55	63	68	70	67	60	49	140-6/9-25	70	88	97	96	95	91	82	77
100-12-5,5	49	56	64	69	71	68	61	50	140-6/9-30	71	89	98	97	96	92	83	78
125-4/3-9	70	76	88	98	98	94	86	82	140-6/9-40	73	91	100	99	98	94	85	80
125-4/3-10	70	76	88	98	98	94	86	82	140-6/9-50	74	92	101	100	99	95	86	81
125-4/3-15	71	77	89	99	99	95	87	83	140-8/3-3	64	74	82	87	86	85	72	67
125-4/3-20	73	79	91	101	101	97	89	85	140-8/3-4	64	74	82	87	86	85	72	67
125-4/3-25	73	79	91	101	101	97	89	85	140-8/3-5,5	65	75	83	88	87	86	73	68
125-4/3-27	74	80	92	102	102	98	90	86	140-8/3-7,5	67	77	85	90	89	88	75	70
125-4/3-30	74	80	92	102	102	98	90	86	140-8/3-10	68	78	86	91	90	89	76	71
125-4/3-37	75	81	93	103	103	99	91	87	140-8/6-3	63	75	84	88	86	80	70	67
125-4/3-40	75	81	93	103	103	99	91	87	140-8/6-4	64	76	85	89	87	81	71	68
125-6/3-5,5	66	74	86	90	88	83	74	70	140-8/6-5,5	65	77	86	90	88	82	72	69
125-6/3-7,5	67	75	87	91	89	84	75	71	140-8/6-7,5	66	78	87	91	89	83	73	70
125-6/3-10	69	77	89	93	91	86	77	73	140-8/6-10	67	79	88	92	90	84	74	71
125-6/3-15	70	78	90	94	92	87	78	74	140-8/6-15	68	80	89	93	91	85	75	72
125-6/3-20	71	79	91	95	93	88	79	75	140-8/9-4	62	73	84	89	87	83	73	68
125-6/3-24	71	79	91	95	93	88	79	75	140-8/9-5,5	62	73	84	89	87	83	73	68
125-8/3-9	50	56	68	78	78	74	66	62	140-8/9-7,5	64	75	86	91	89	85	75	70
125-8/3-15	51	57	69	79	79	75	67	63	140-8/9-10	65	76	87	92	90	86	76	71
125-8/3-20	53	59	71	81	81	77	69	65	140-8/9-15	66	77	88	93	91	87	77	72
125-8/3-27	53	59	71	81	81	77	69	65	140-8/9-20	69	80	91	96	94	90	80	75
125-8/3-37	54	60	72	82	82	78	70	66	160-6/3-10	69	79	87	92	91	90	77	72
125-8/3-40	54	60	72	82	82	78	70	66	160-6/3-15	71	81	89	94	93	92	79	74
125-6/3-4	65	73	85	89	87	82	73	69	160-6/3-20	72	82	90	95	94	93	80	75
125-12/3-4	50	58	70	74	72	67	58	54	160-6/3-25	73	83	91	96	95	94	81	76
125-12/3-5,5	51	59	71	75	73	68	59	55	160-6/3-30	75	85	93	98	97	96	83	78
125-12/3-7,5	52	60	72	76	74	69	60	56	160-6/6-15	69	84	93	95	92	86	78	74
125-12/3-10	54	62	74	78	76	71	62	58	160-6/6-20	70	85	94	96	93	87	79	75
125-12/3-15	55	63	75	79	77	72	63	59	160-6/6-25	71	86	95	97	94	88	80	76
125-12/3-24	56	64	76	80	78	73	64	60	160-6/6-30	72	87	96	98	95	89	81	77
125-4/6-20	67	75	91	98	100	95	89	85	160-6/6-40	73	88	97	99	96	90	82	78
125-4/6-22	67	75	91	98	100	95	89	85	160-6/6-50	75	90	99	101	98	92	84	80
125-4/6-25	68	76	92	99	101	96	90	86	160-6/9-15	67	85	94	93	92	88	79	74
125-4/6-27	68	76	92	99	101	96	90	86	160-6/9-20	68	86	95	94	93	89	80	75
125-4/6-30	68	76	92	99	101	96	90	86	160-6/9-25	69	87	96	95	94	90	81	76
125-4/6-37	68	76	92	99	101	96	90	86	160-6/9-30	70	88	97	96	95	91	82	77
125-4/6-40	70	78	94	101	103	98	92	88	160-6/9-40	71	89	98	97	96	92	83	78
125-4/6-50	71	79	95	102	104	99	93	89	160-6/9-50	72	90	99	98	97	93	84	79
125-6/6-5,5	60	69	82	85	86	83	72	68	160-6/9-60	73	91	100	99	98	94	85	80
125-6/6-7,5	60	69	82	85	86	83	72	68	160-6/9-75	74	92	101	100	99	95	86	81
125-6/6-10	62	71	84	87	88	85	74	70	160-8/3-4	63	73	81	86	85	84	71	66
125-6/6-15	64	73	86	89	90	87	76	72	160-8/3-5,5	65	75	83	88	87	86	73	68
125-6/6-20	65	74	87	90	91	88	77	73	160-8/3-7,5	66	76	84	89	88	87	74	69
125-6/6-24	65	74	87	90	91	88	77	73	160-8/3-10	67	77	85	90	89	88	75	70
125-8/6-20	46	54	70	77	79	74	68	64	160-8/3-15	69	79	87	92	91	90	77	72
125-8/6-22	47	55	71	78	80	75	69	65	160-8/6-5,5	61	76	85	87	84	78	70	66
125-8/6-27	47	55	71	78	80	75	69	65	160-8/6-7,5	63	78	87	89	86	80	72	68
125-8/6-37	48	56	72	79	81	76	70	66	160-8/6-10	64	79	88	90	87	81	73	69
125-8/6-40	49	57	73	80	82	77	71	67	160-8/6-15	66	81	90	92	89	83	75	71
125-12/6-5,5	45	54	67	70	71	68	57	53	160-8/6-20	67	82	91	93	90	84	76	72
125-12/6-7,5	45	54	67	70	71	68	57	53	160-8/6-25	68	83	92	94	91	85	77	73
125-12/6-10	47	56	69	72	73	70	59	55	160-8/9-7,5	61	79	88	87	86	82	73	68
125-12/6-15	49	58	71	74	75	72	61	57	160-8/9-10	62	80	89	88	87	83	74	69
125-12/6-24	50	59	72	75	76	73	62	58	160-8/9-15	64	82	91	90	89	85	76	71
125-4/9-22	66	74	91	97	98	93	88	84	160-8/9-20	65	83	92	91	90	86	77	72
125-4/9-25	66	74	91	97	98	93	88	84	160-8/9-25	66	84	93	92	91			

Dimensions in mm



C (consult motor size according to power)

Modelo	ØA	ØB	C (consult motor size according to power)																E				
			80	90S	90L	100	112	132S	132M	160M	160L	180M	180L	200L	225	250	280	ØD	Long	Short	ØJ	N	
THT-40	490	450	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	410	400	250	12	8x45'	
THT-45	540	500	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	460	400	250	12	8x45'	
THT-50	600	560	339	364	389	-	-	-	-	-	-	-	-	-	-	-	-	514	400	250	12	12x30'	
THT-50	600	560	-	-	-	419	438	-	-	-	-	-	-	-	-	-	-	514	500	250	12	12x30'	
THT-56	660	620	275	364	389	-	-	-	-	-	-	-	-	-	-	-	-	560	400	250	12	12x30'	
THT-56	660	620	-	-	-	416	432	480	518	-	-	-	-	-	-	-	-	560	500	250	12	12x30'	
THT-56	660	620	-	-	-	-	-	-	-	620	-	-	-	-	-	-	-	560	650	250	12	12x30'	
THT-63	730	690	339	359	389	-	-	-	-	-	-	-	-	-	-	-	-	640	400	250	12	12x30'	
THT-63	730	690	-	-	-	420	437	-	-	-	-	-	-	-	-	-	-	640	500	250	12	12x30'	
THT-63	730	690	-	-	-	-	-	539	577	-	-	-	-	-	-	-	-	640	650	250	12	12x30'	
THT-63	730	690	-	-	-	-	-	-	-	630	674	-	-	-	-	-	-	640	650	350	12	12x30'THT-71	
810	770	366	379	404	-	-	-	-	-	-	-	-	-	-	-	-	710	430	300	1216x22'30'			
THT-71	810	770	-	-	-	438	433	-	-	-	-	-	-	-	-	-	-	710	500	300	12	16x22'30'	
THT-80	900	860	-	-	422	456	472	-	-	-	-	-	-	-	-	-	-	800	500	300	12	16x22'30'	
THT-80	900	860	-	-	-	-	-	515	-	-	-	-	-	-	-	-	-	800	600	300	12	16x22'30'	
THT-90	1015	970	-	-	-	466	482	525	565	-	-	-	-	-	-	-	-	900	600	350	15	16x22'30'	
THT-100	1115	1070	-	-	-	-	482	525	565	-	-	-	-	-	-	-	-	1000	600	350	15	16x22'30'	
THT-100	1115	1070	-	-	-	-	-	-	-	695	695	-	-	-	-	-	-	1000	700	450	15	16x22'30'	
THT-125	1365	1320	-	-	-	-	-	561	601	-	-	-	-	-	-	-	-	1250	700	500	15	20x18'	
THT-125	1365	1320	-	-	-	-	-	-	-	695	695	-	-	-	-	-	-	1250	700	500	15	20x18'	
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	740	740	860	-	-	-	1250	900	500	15	20x18'	
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	907	-	-	1250	1000	500	15	20x18'	
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	987	-	1250	1000	600	15	20x18'	
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1077	1250	1200	600	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	570	-	-	-	-	-	-	-	-	1400	650	400	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	1400	700	450	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1400	900	550	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1400	900	550	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1400	1000	550	15	20x18'	
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1400	1000	600	15	20x18'	
THT-160	1735	1680	-	-	-	-	-	-	570	-	-	-	-	-	-	-	-	1600	650	400	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	1600	700	450	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1600	900	550	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1600	1000	550	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1600	1000	550	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1600	1000	600	19	24x15'	
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1190	1600	1000	700	19	24x15'	

Motor build sizes depending on power (one-speed)

	CV																			
	0,75	1	1,5	2	3	4	5,5	7,5	10	12	15	20	22	25	30	40	50	60	75	100
2T (3500 r/min)	80	80	80	90S	90L	100LB	112M	132S	132S	132MA	160M	160M	160L	180M	180L	200L	225S/M	225S/M	250S/M	280S/M
4T (1680 r/min)	90S	90S	90S	90L	100LA	100LB	112M	132S	132M	-	160M	160L	-	180M	180L	200L	225S/M	225S/M	250S/M	280S/M
6T (1080 r/min)	90S	90S	90L	100L	112M	132S	132MA	132MB	160M	-	160L	180L	-	200MLA	200MLB	225SMB	250S/M	280S/M	280S/M	-
8T (900 r/min)	90L	100LA	100L	112M	132S	132M	160MA	160M	160L	-	180L	200MLA	-	225SMA	225SMB	250SMA	280S/M	280S/M	-	-

Motor build sizes depending on power (two-speed)

	CV																			
	0,75	1	1,5	2	3	4	5,5	6	7,5	8	9	10	12	15	18	20	22	24	27	37
2/4(3500/1680 r/min)	-	-	90S	90S	90L	100L	-	112M	-	-	132M	-	160MA	-	160M	-	160L	-	-	-
4/8(1680/900 r/min)	-	-	90S	100L	100LA	100LC	132S	-	132S	132S	-	132M	-	160M	-	160L	180M	180M	180L	200MLA
6/12(1080/750 r/min)	90L	100L	100LB	112M	112M	132MC	160M	160M	160LB	160LB	-	160LB	-	200MLC	160L	200M	-	250SMB	22S/M	-

Characteristic Curves

See characteristic curves on page 33.

EXAMPLE OF SELECTION

Characteristic curves

THT

CJTHT

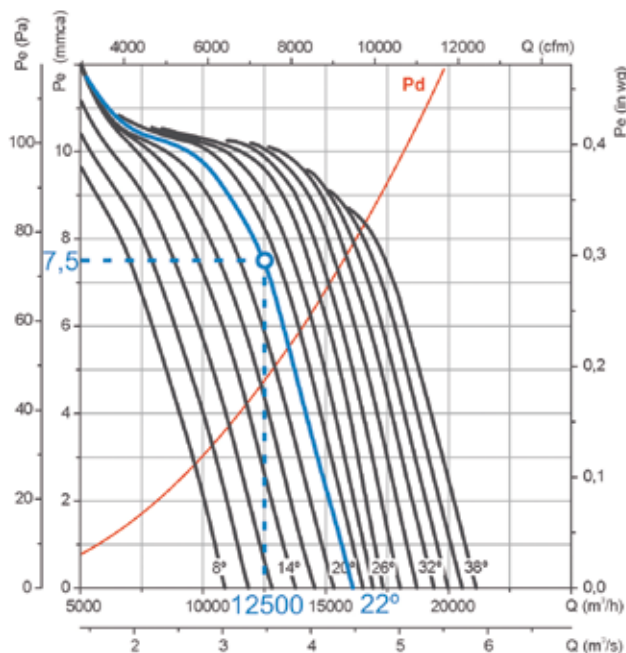
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71

Number of poles: 6

Number of blades: 6



Initial data

- Working point:
- Airflow: 12,500 m³/h
- Loss of load: 7.5 mm w.c.

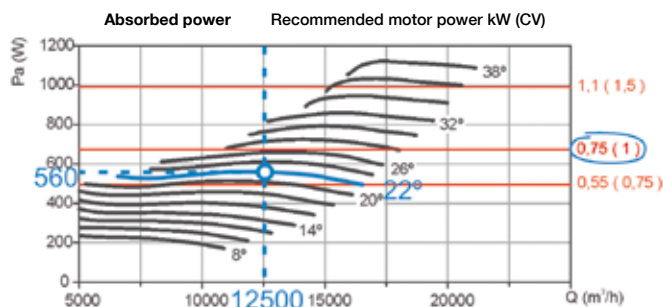
Steps for the selection of equipment

On the pressure graph:

- 1. Mark the working point, defined by the airflow (12,500 m³/h) and the loss of load (7.5 mm w.c.).
- 2. Select the curve of the equipment which is closest above the working point. In our case, a curve with a blade angle of 22° is obtained.

On the power graph:

- 3. Mark the working point, defined by the airflow (12,500 m³/h) and the selected blade angle (22°).
- 4. Read the absorbed power on the power axis on the left. Pa = 560 W at the working point.
- 5. Look for the straight red line which is closest to the working point above. On the right-hand side of the graph, the value of the installed motor power is obtained. In our case, this is 0.75 kW or 1 CV.



EXAMPLE OF ORDER CODE

THT	—	40	—	4T	—	2	—	6-20	—	F-400
Name of series: THT CJTHT		Impeller diameter in cm.		Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz		T=Three-phase M=Single-phase Power motor (CV.)		Number of blades: 3 blades 6 blades 9 blades		Angle of inclination of the blades
										F-200: Officially approved 200°C/2h F-300: Officially approved 300°C/1h F-400: Officially approved 400°C/2h CAT3: With ATEX certification, Category 3 Ex II3G.

Characteristic curves

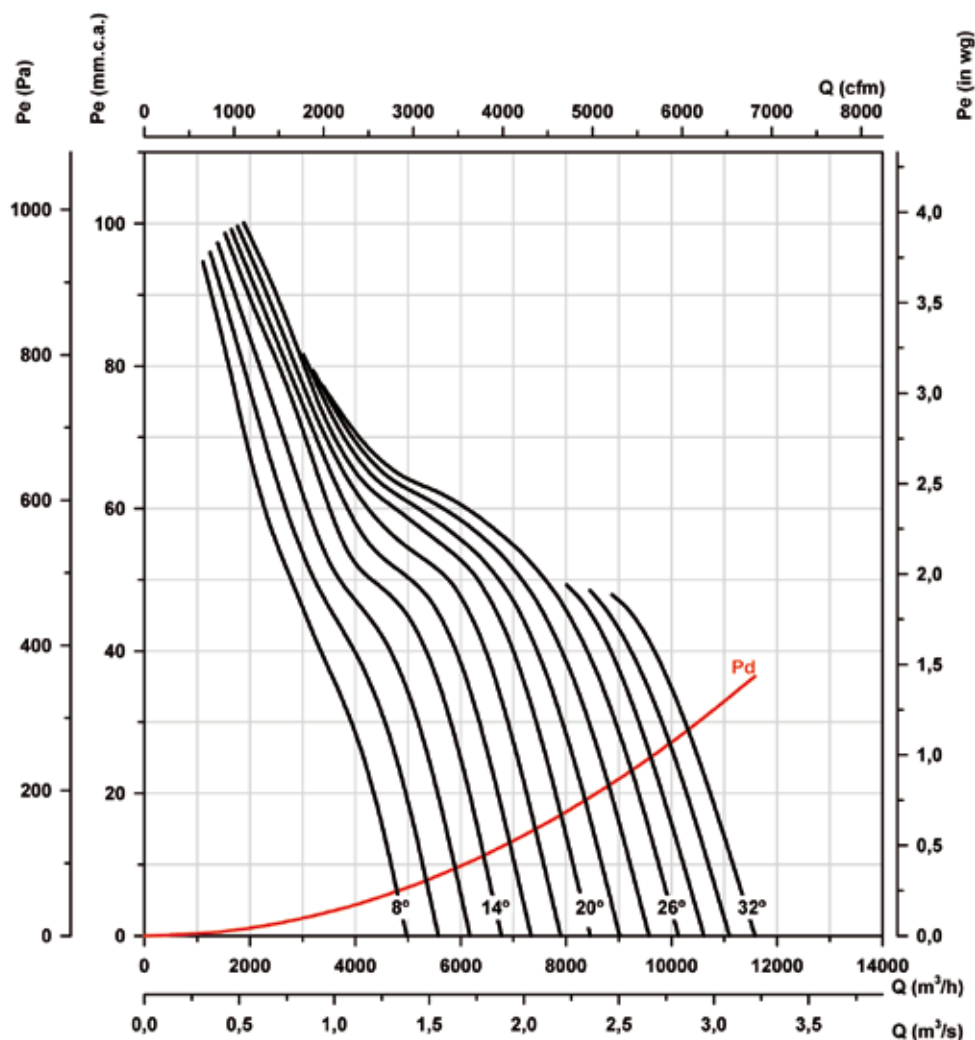
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

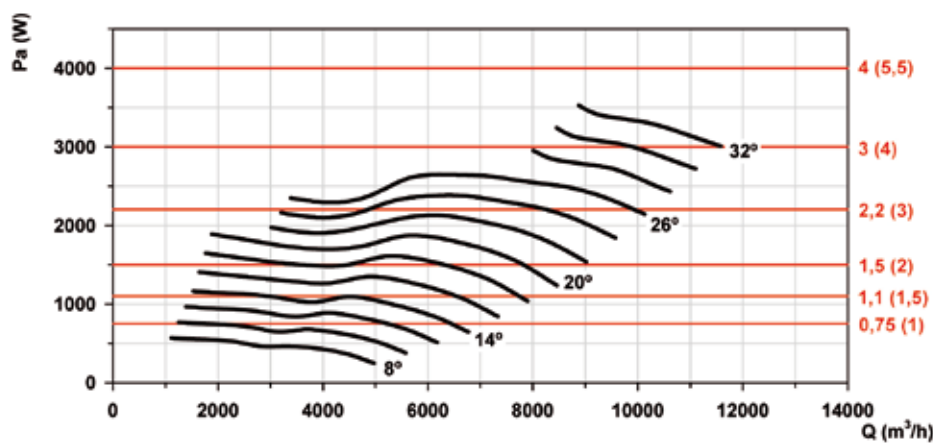
Impeller diameter (cm): 40 Number of poles: 2

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

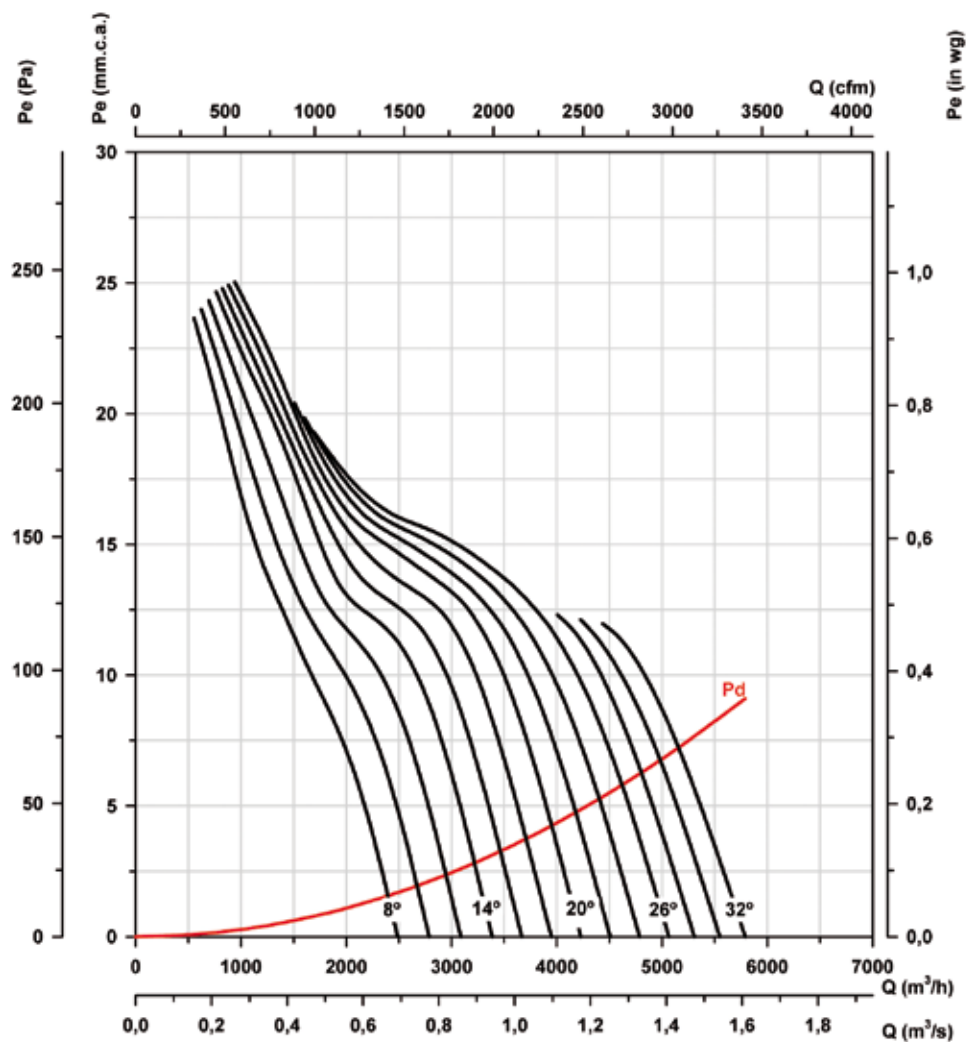
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

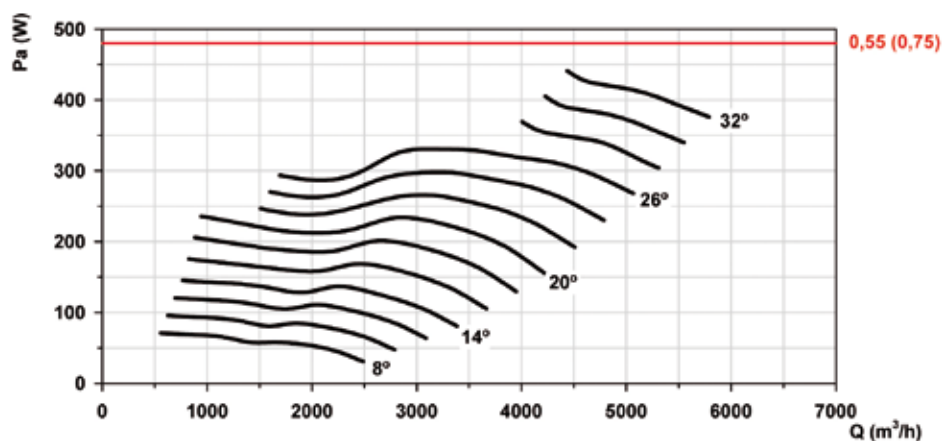
Impeller diameter (cm): 40 Number of poles: 4

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

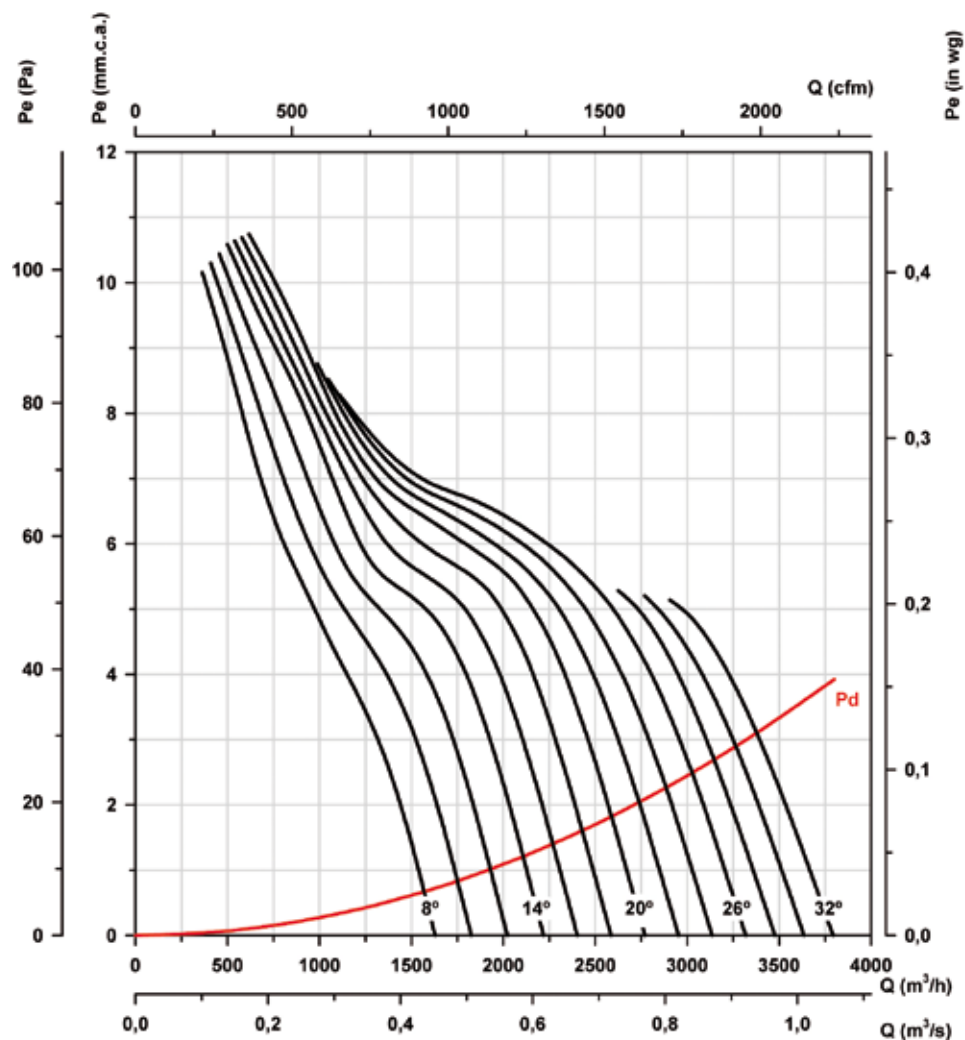
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

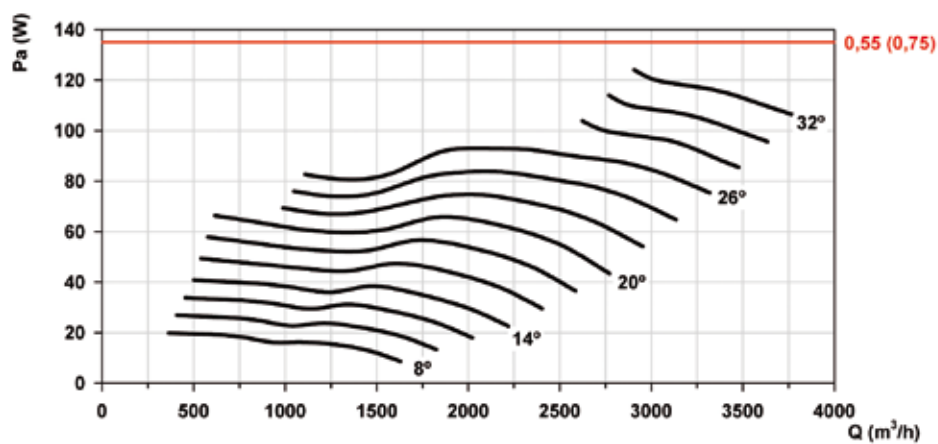
Impeller diameter (cm): 40 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

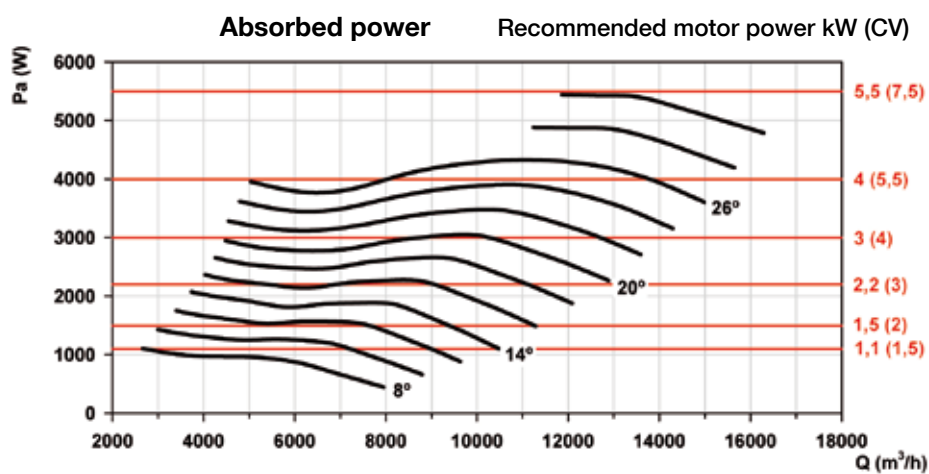
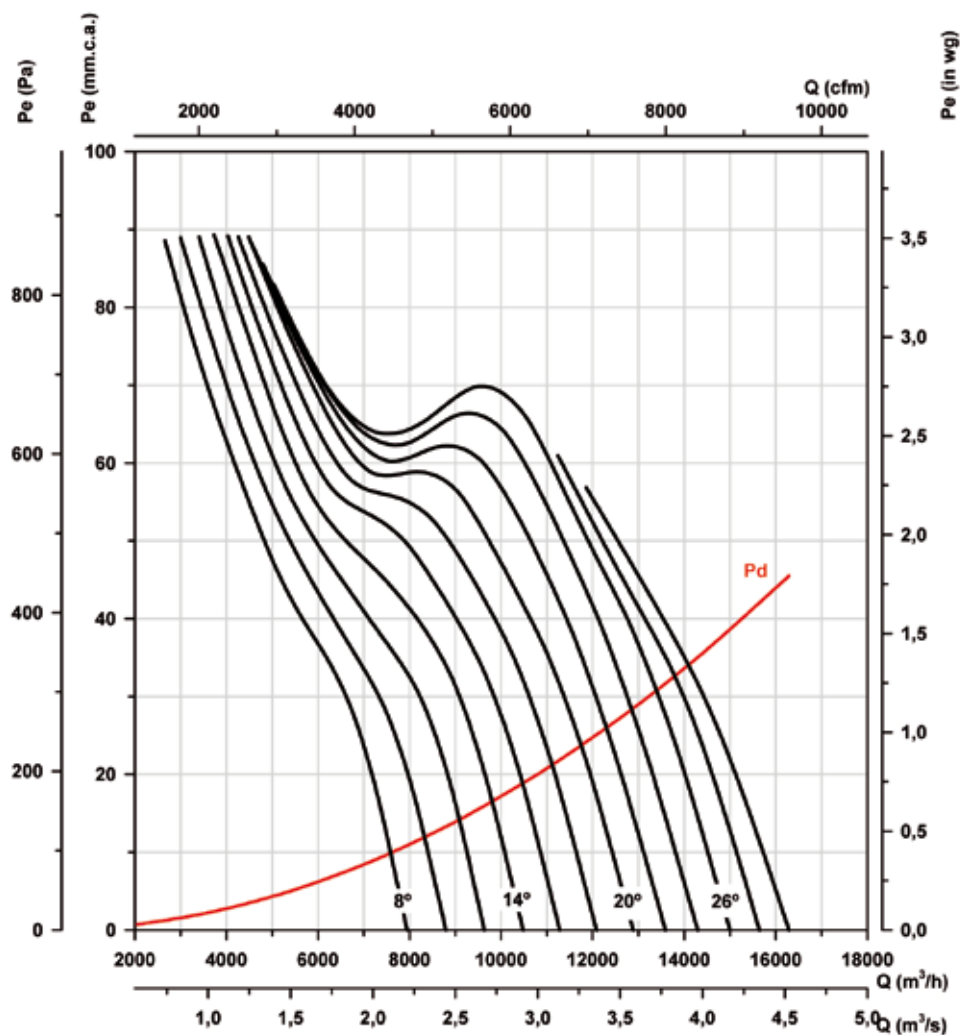
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 45 Number of poles: 2

Number of blades: 6



Characteristic curves

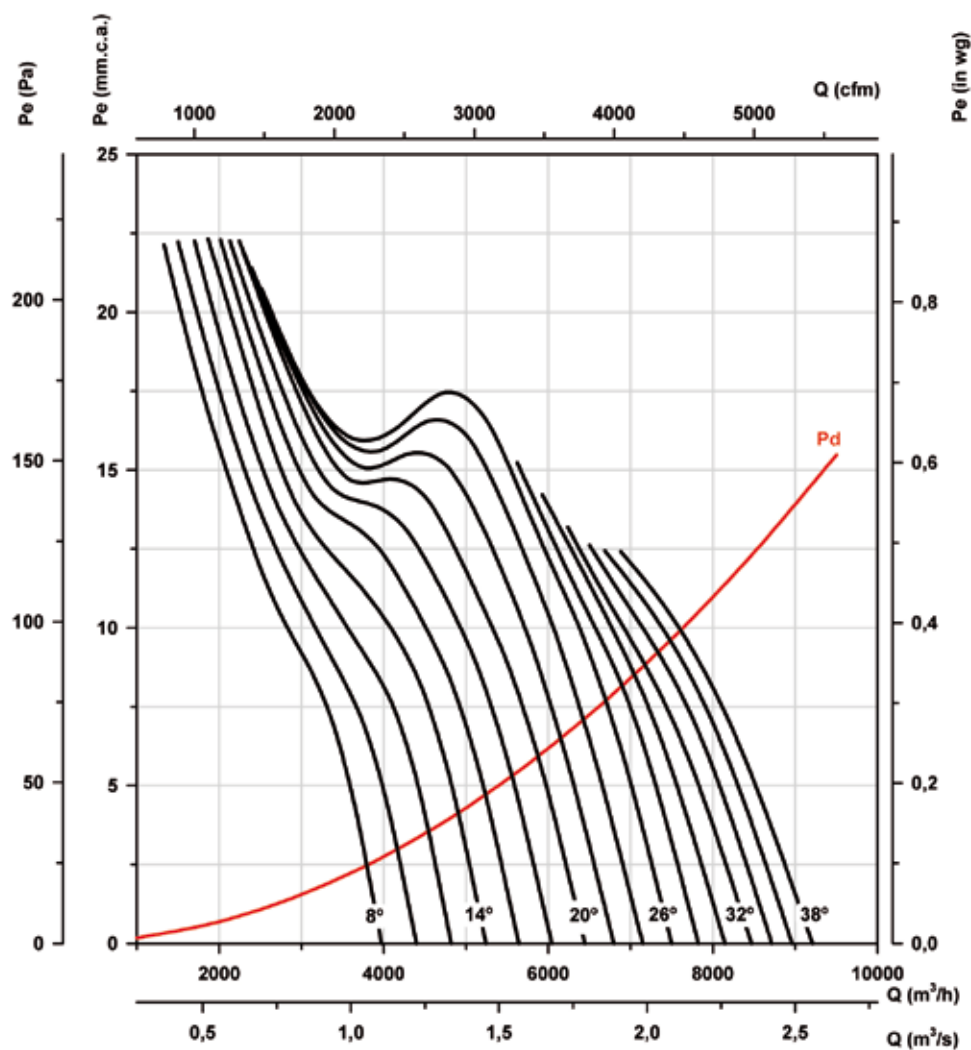
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

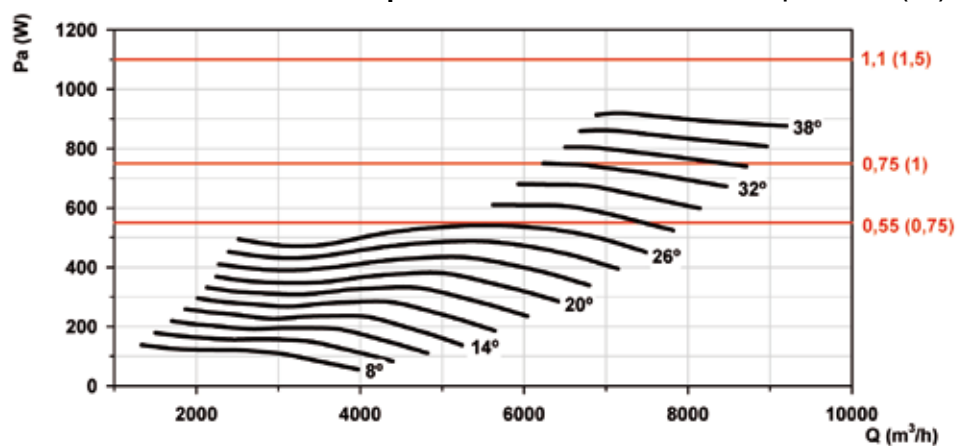
Impeller diameter (cm): 45 Number of poles: 4

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

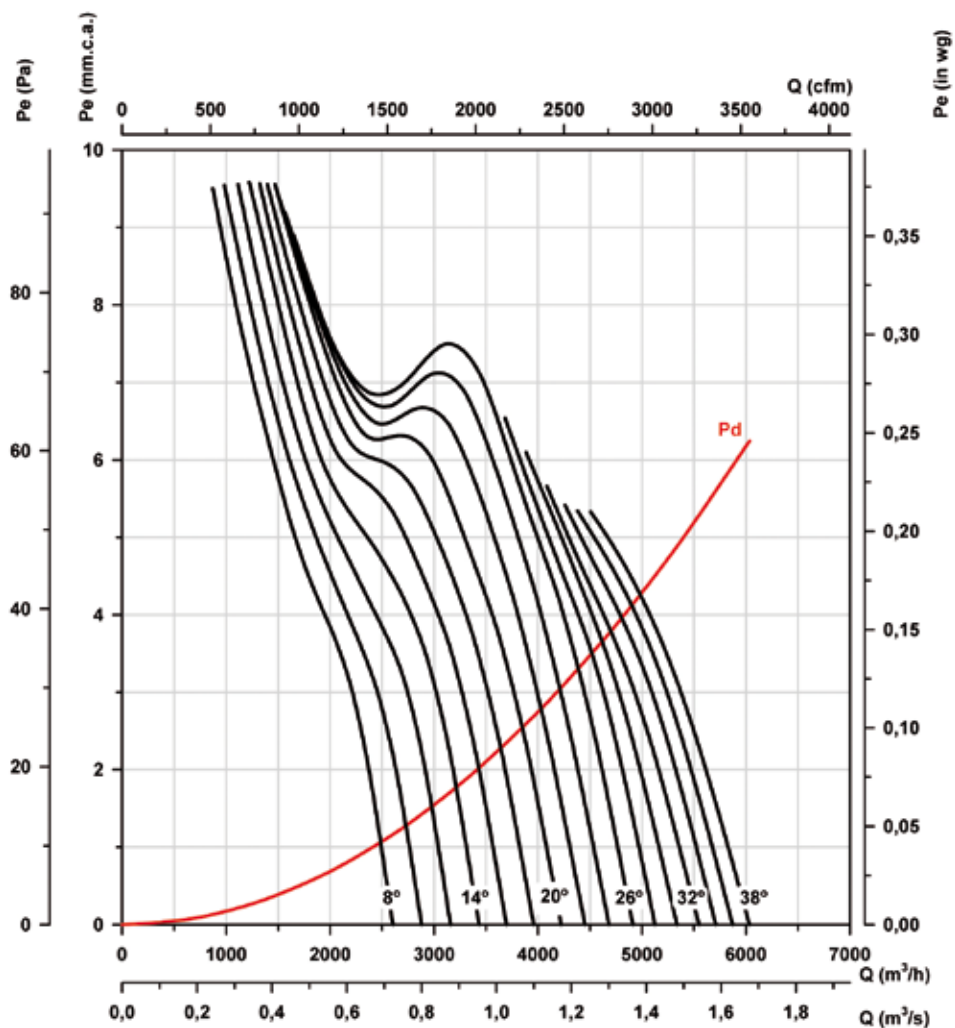
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

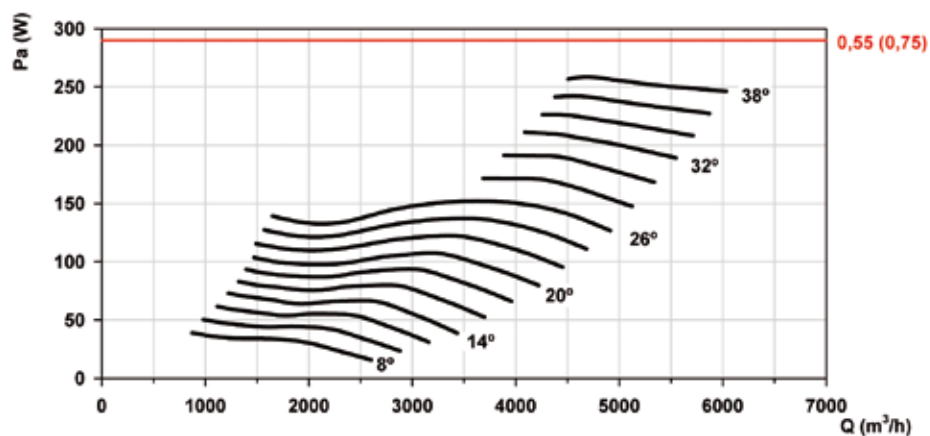
Impeller diameter (cm): 45 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

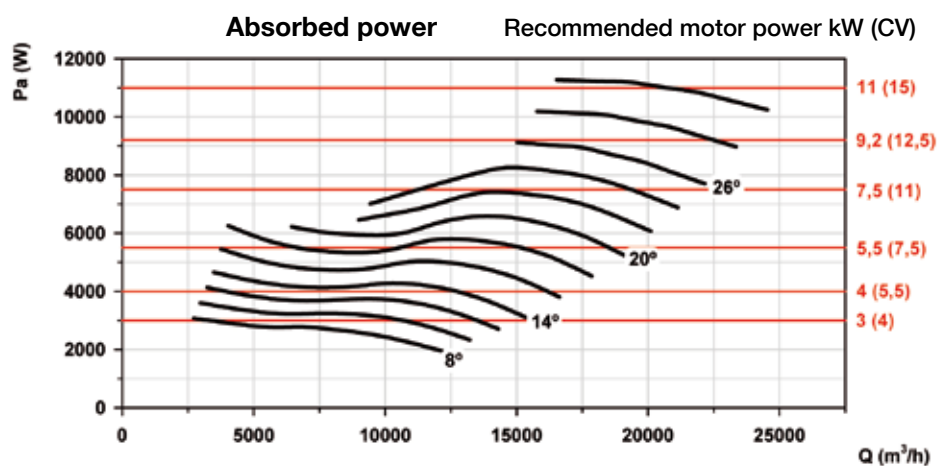
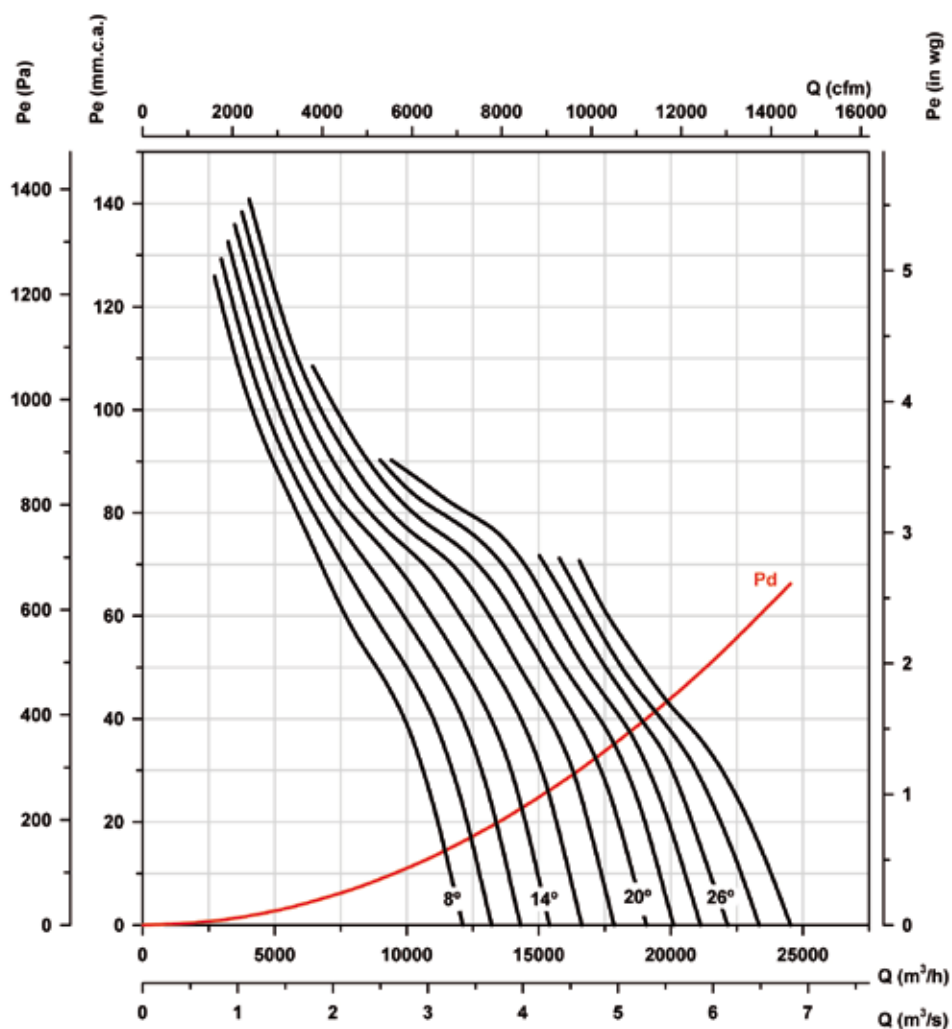
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 50 Number of poles: 2

Number of blades: 6



Characteristic curves

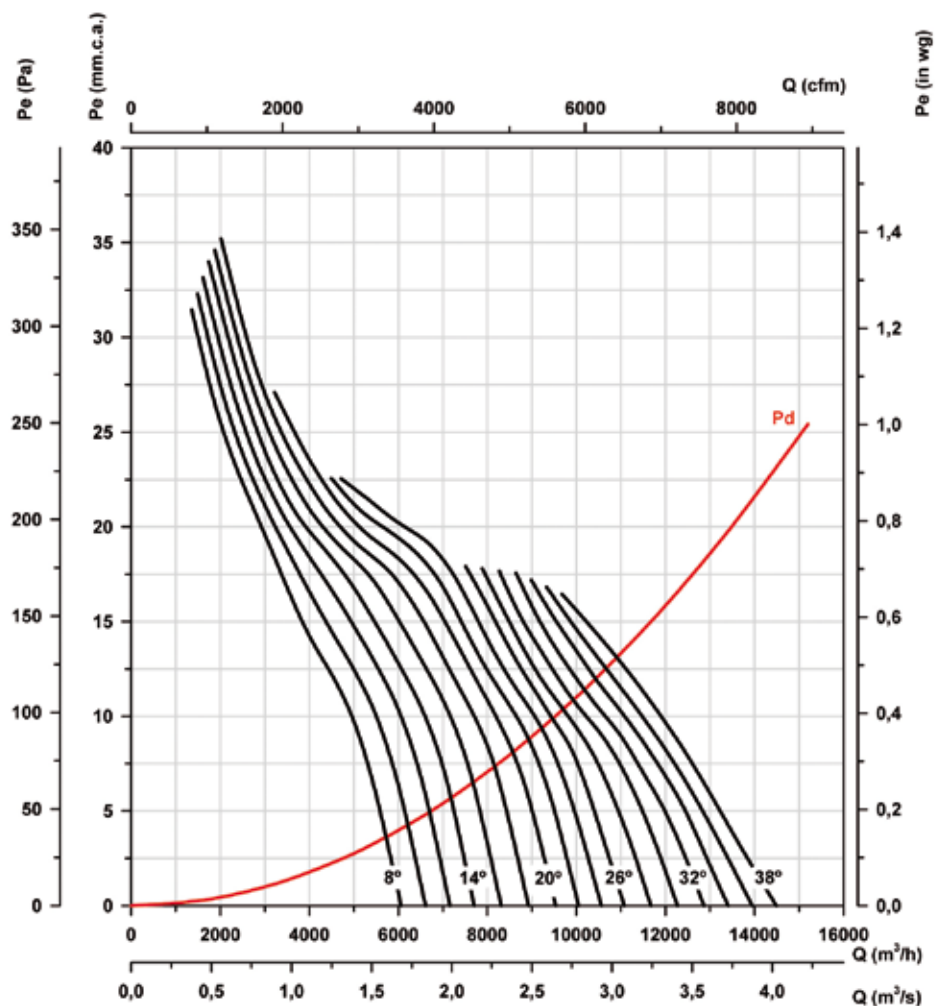
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

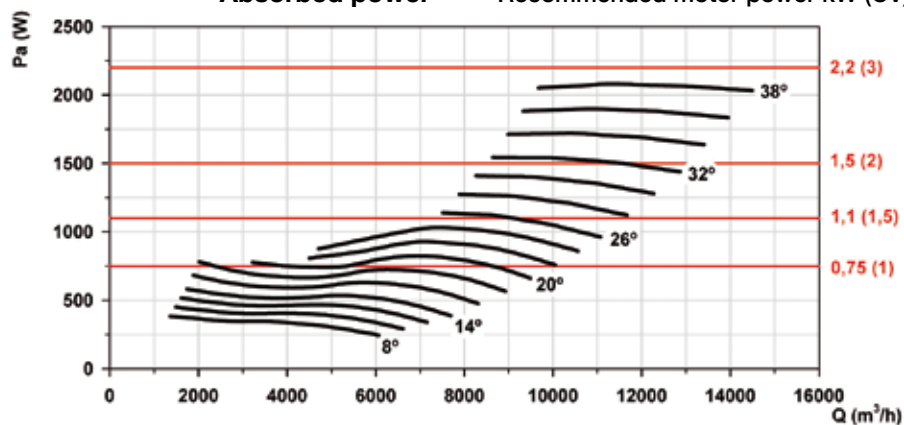
Impeller diameter (cm): 50 Number of poles: 4

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

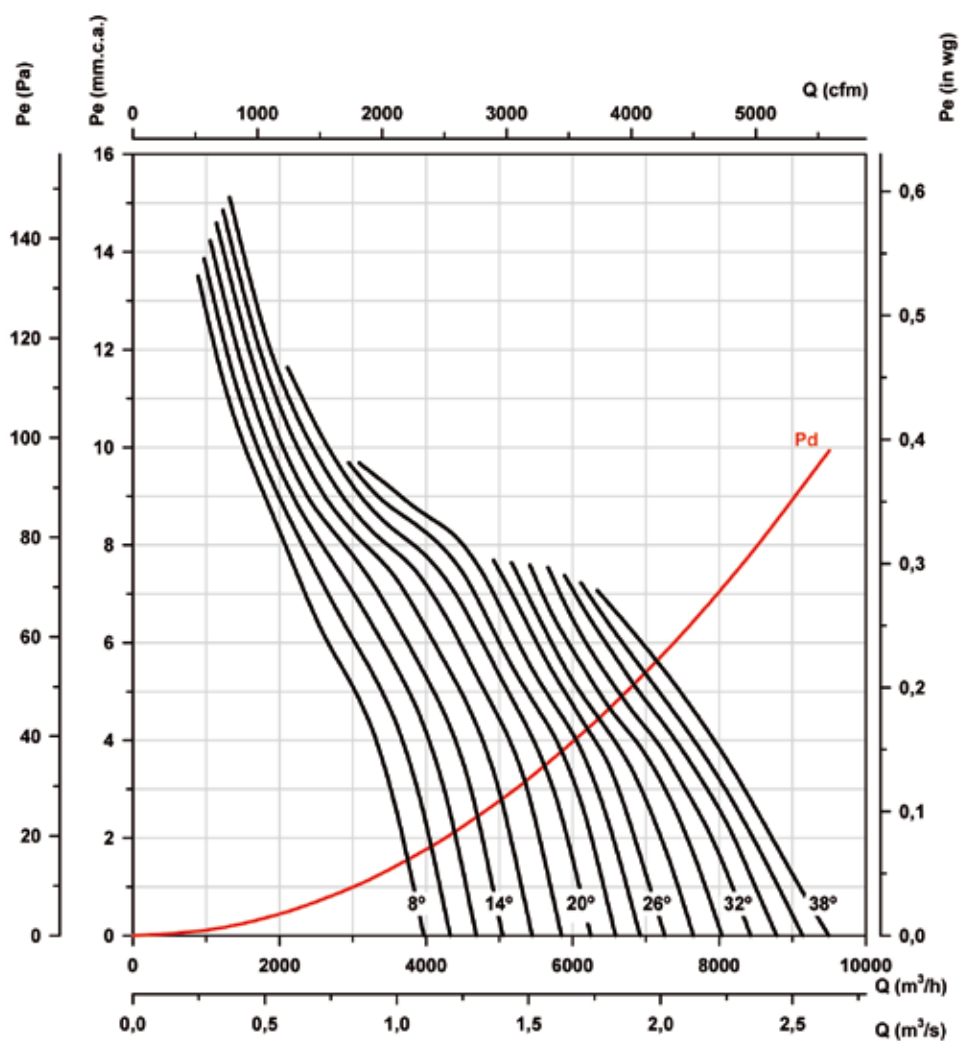
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

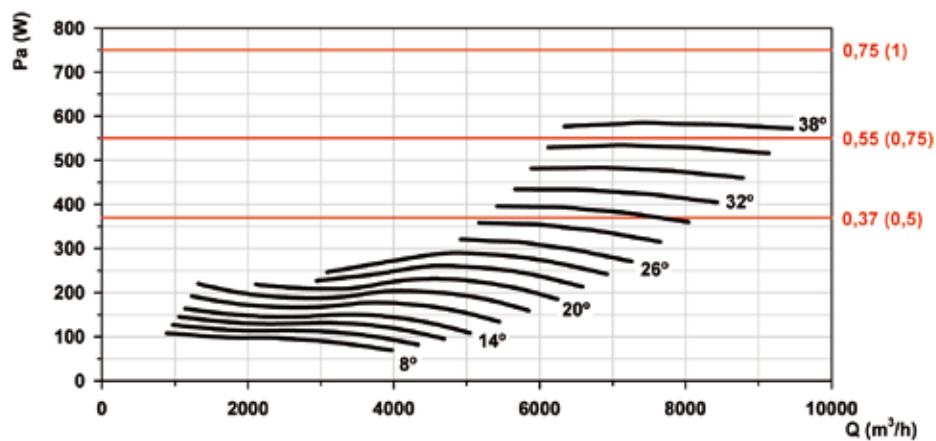
Impeller diameter (cm): 50 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

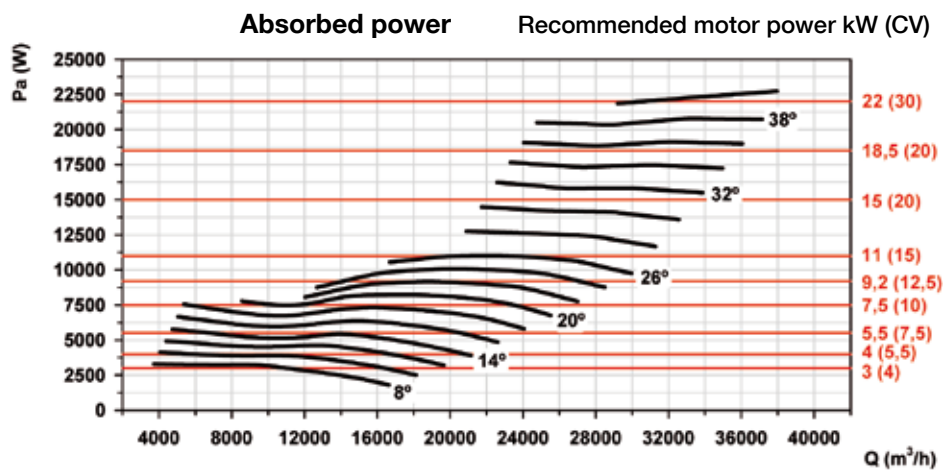
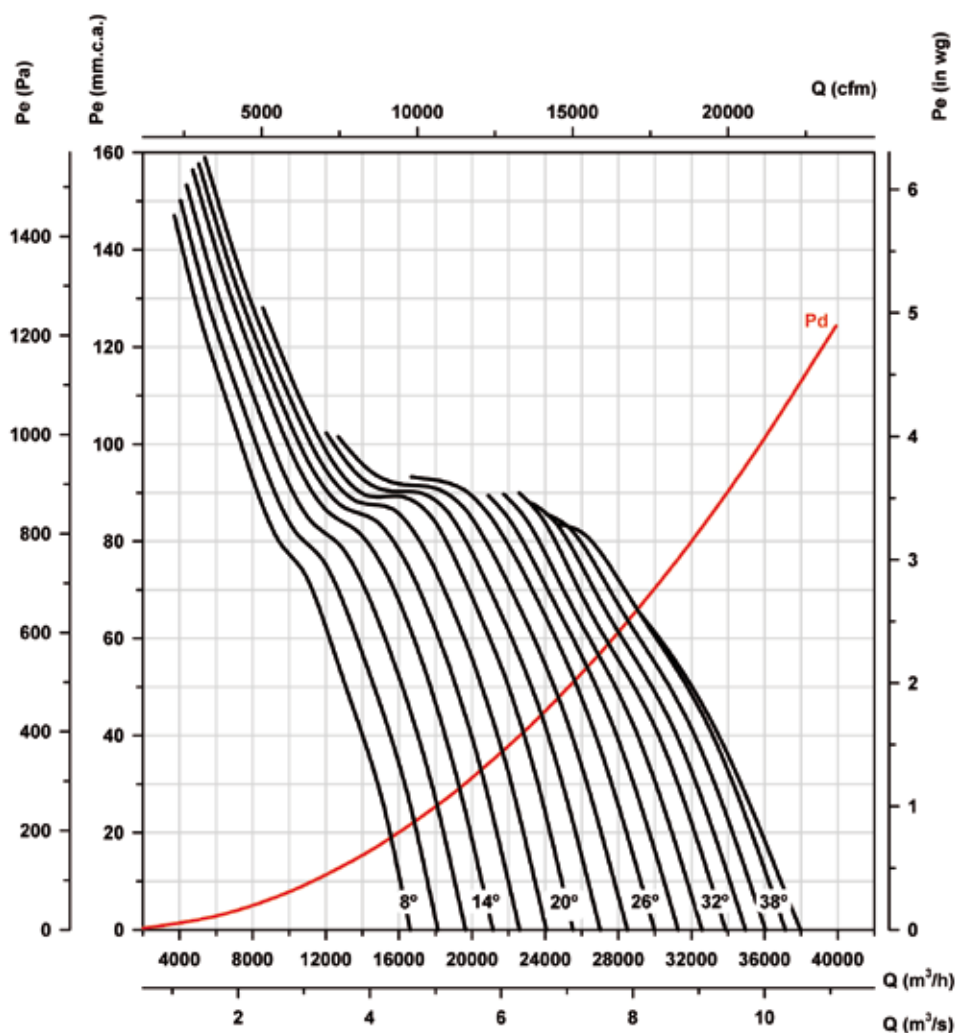
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 56 Number of poles: 2

Number of blades: 6



Characteristic curves

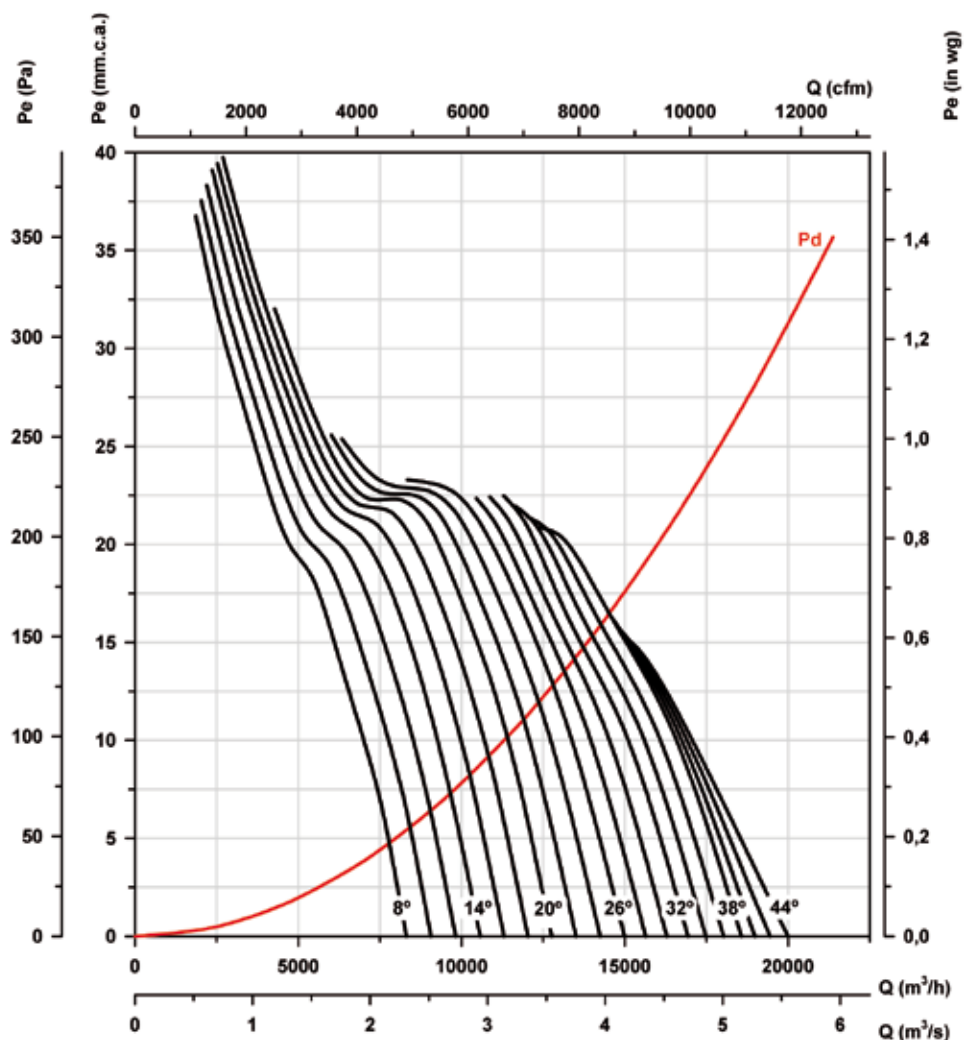
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

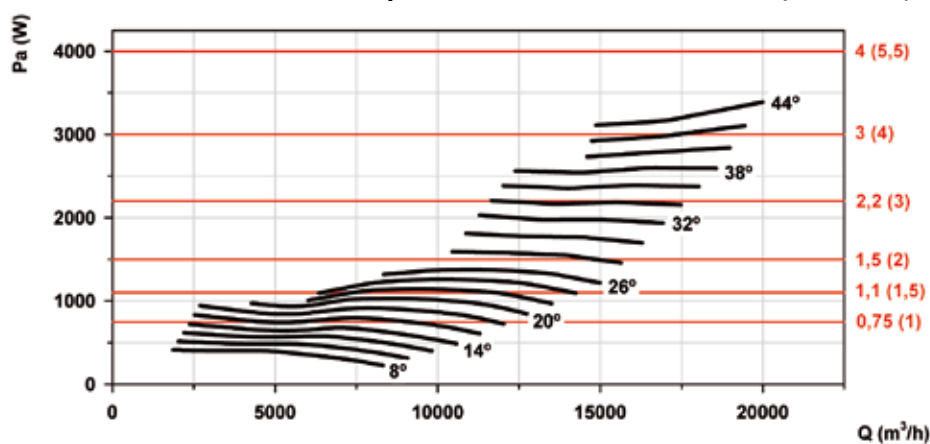
Impeller diameter (cm): 56 Number of poles: 4

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

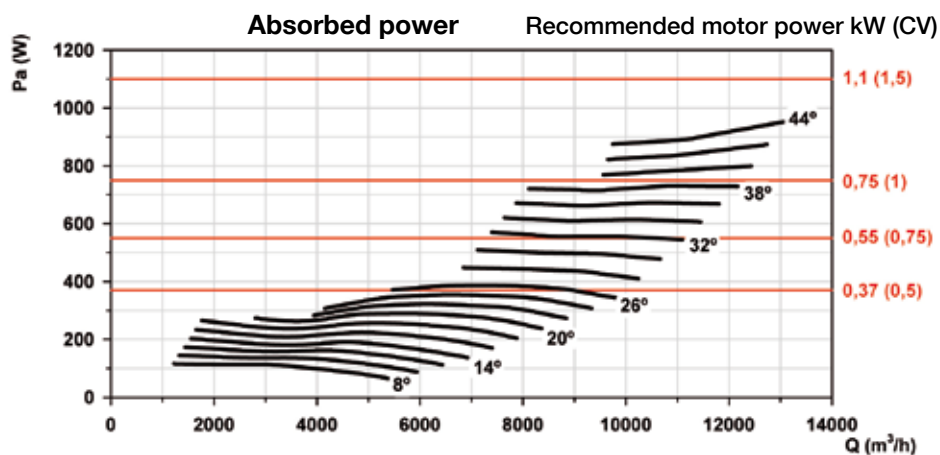
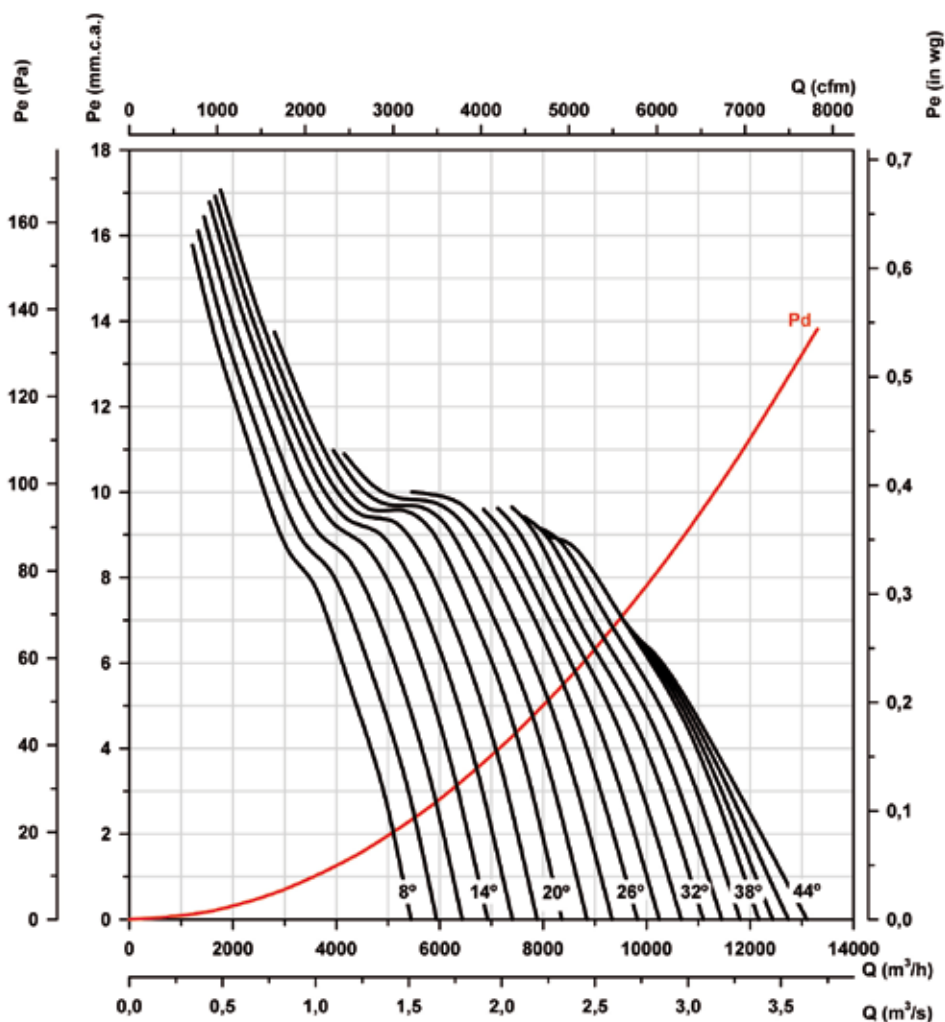
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 56 Number of poles: 6

Number of blades: 6



Characteristic curves

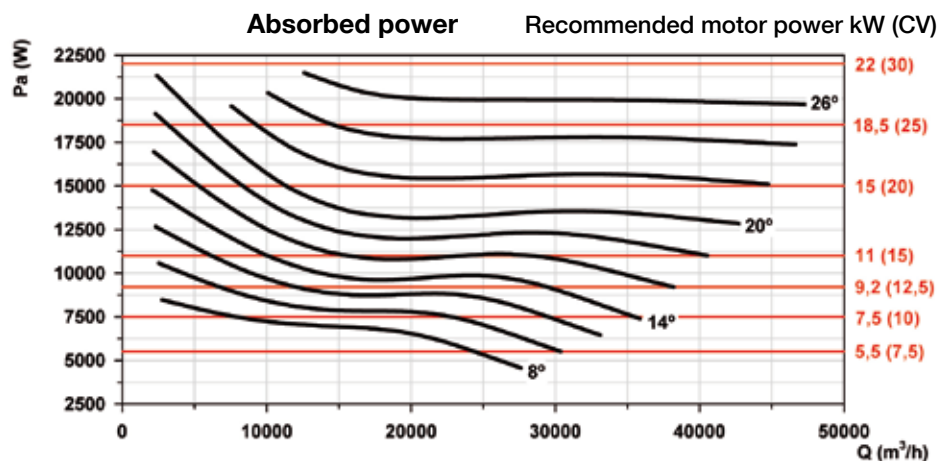
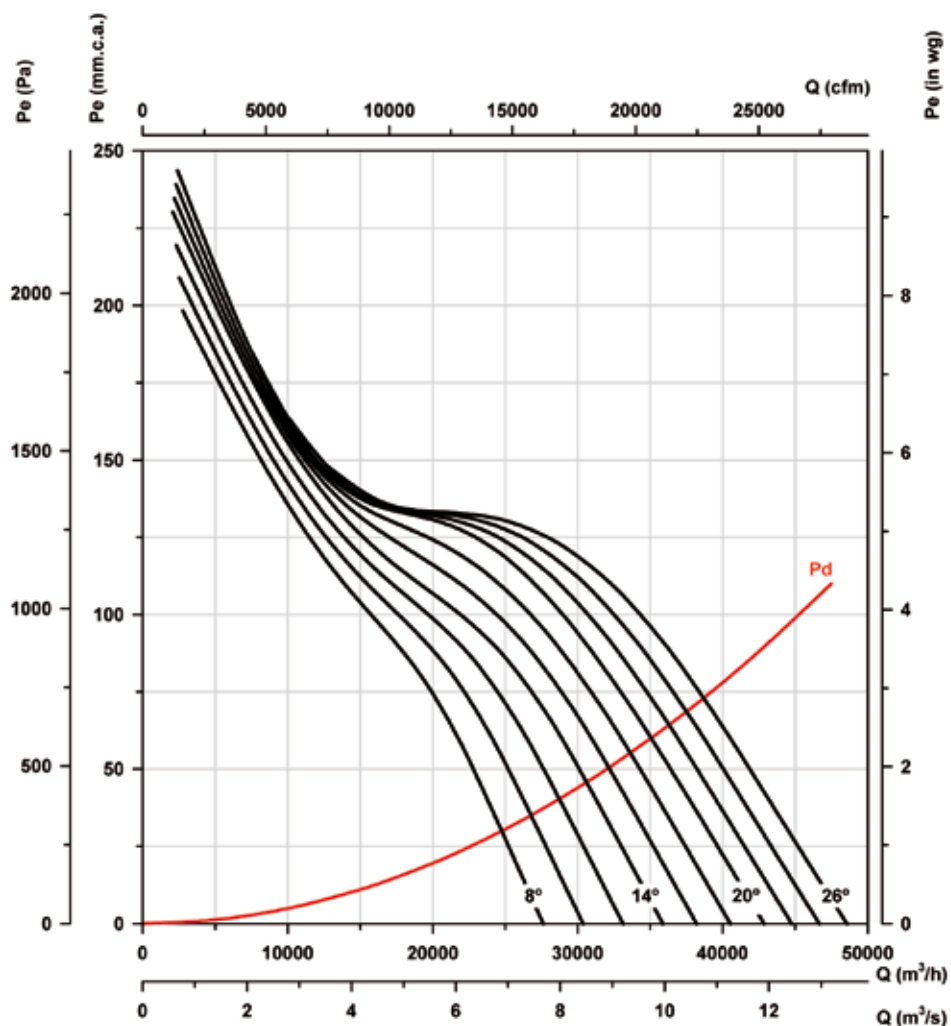
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 63 Number of poles: 2

Number of blades: 6



Characteristic curves

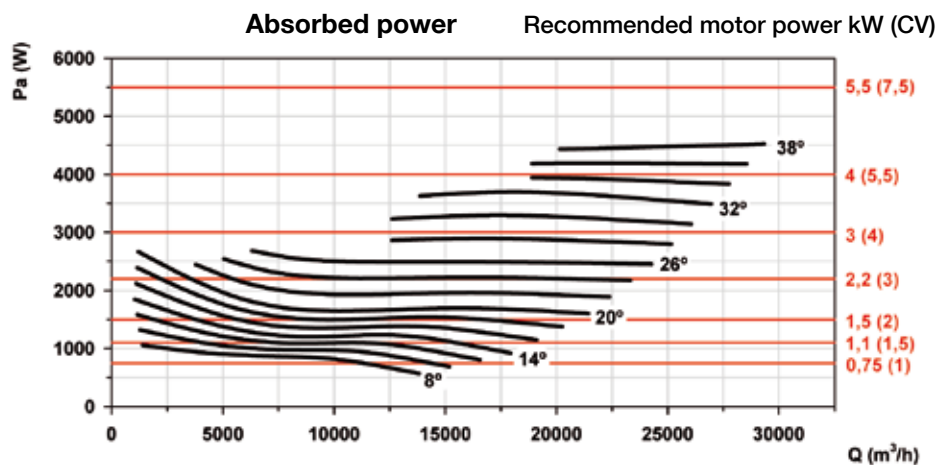
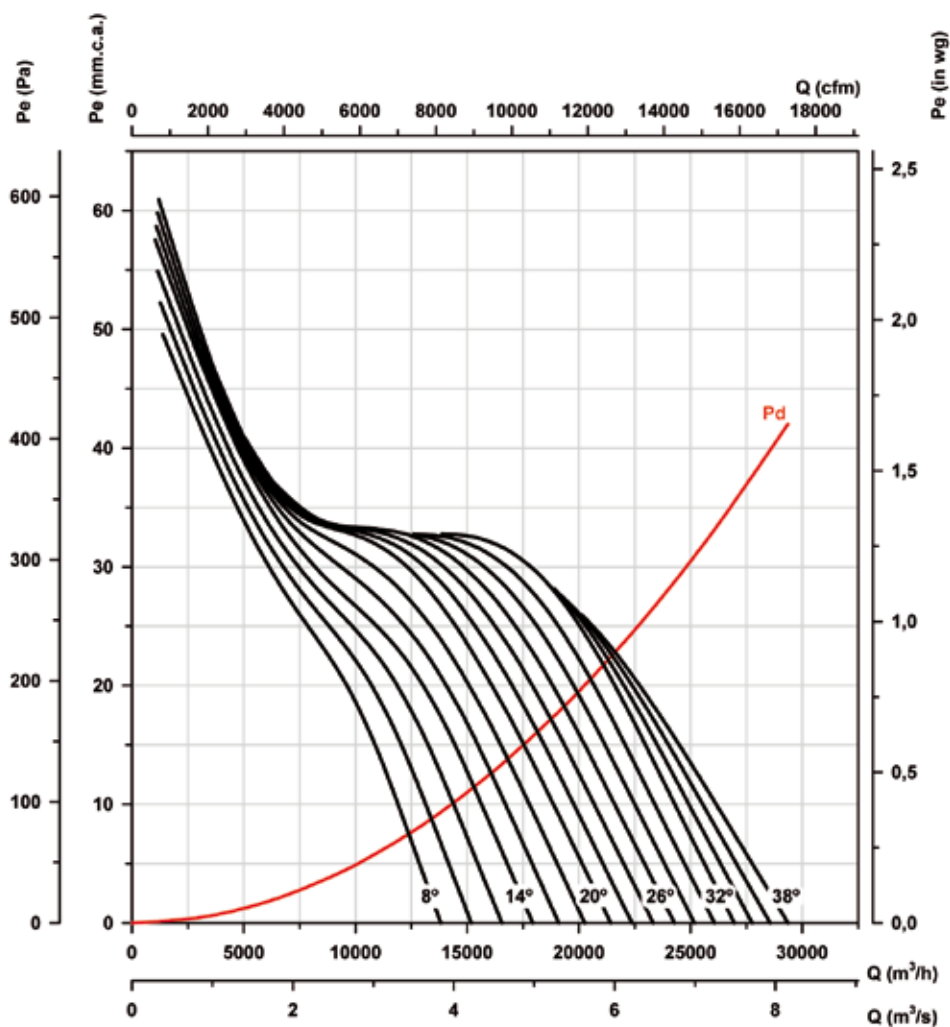
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 63 Number of poles: 4

Number of blades: 6



Characteristic curves

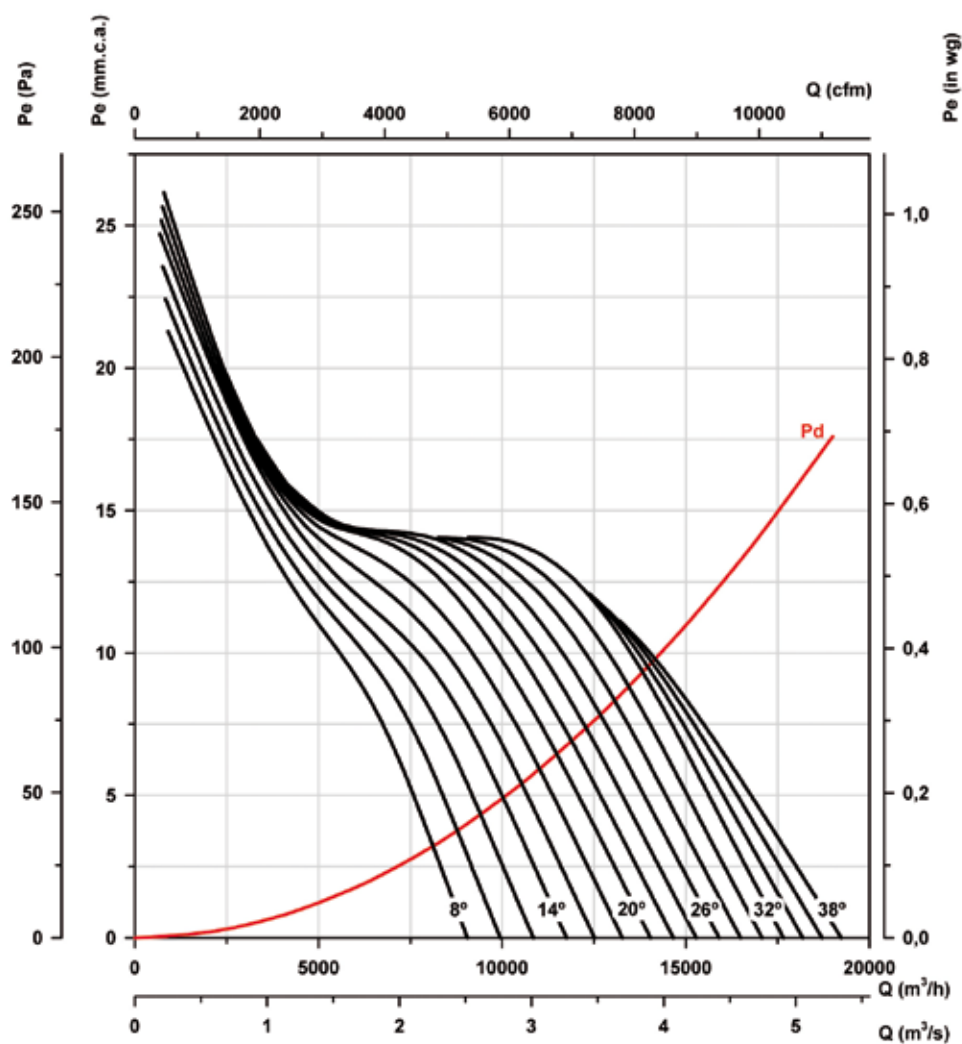
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

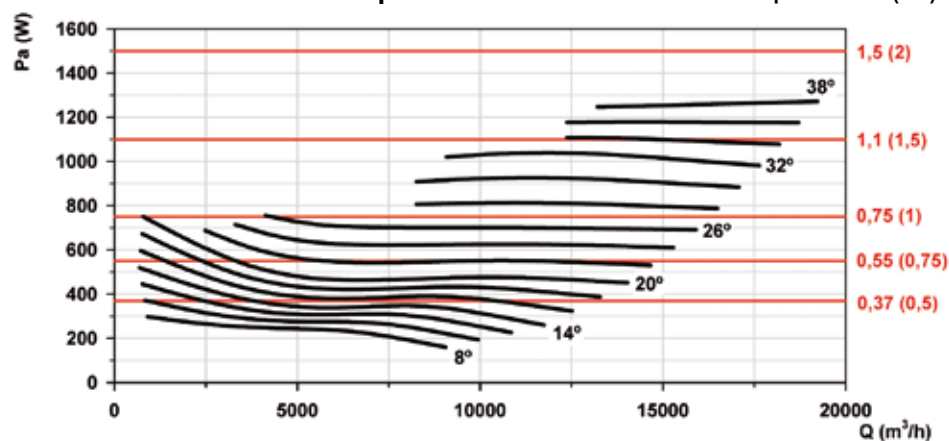
Impeller diameter (cm): 63 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

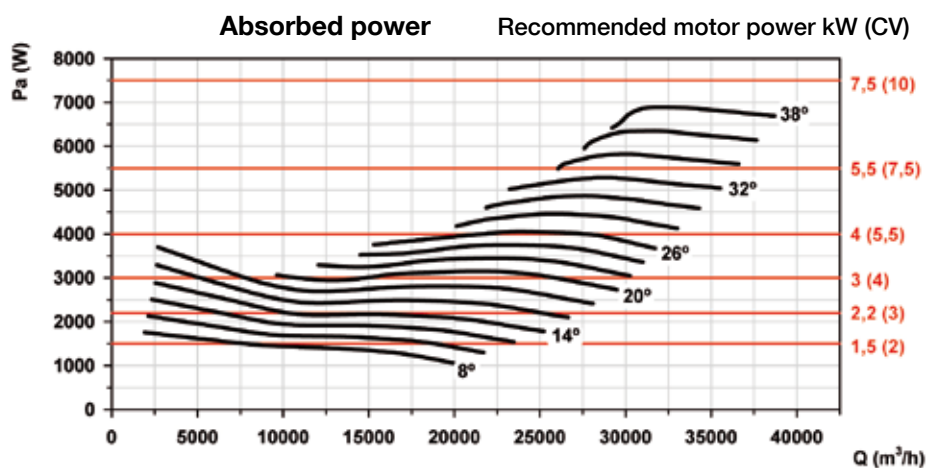
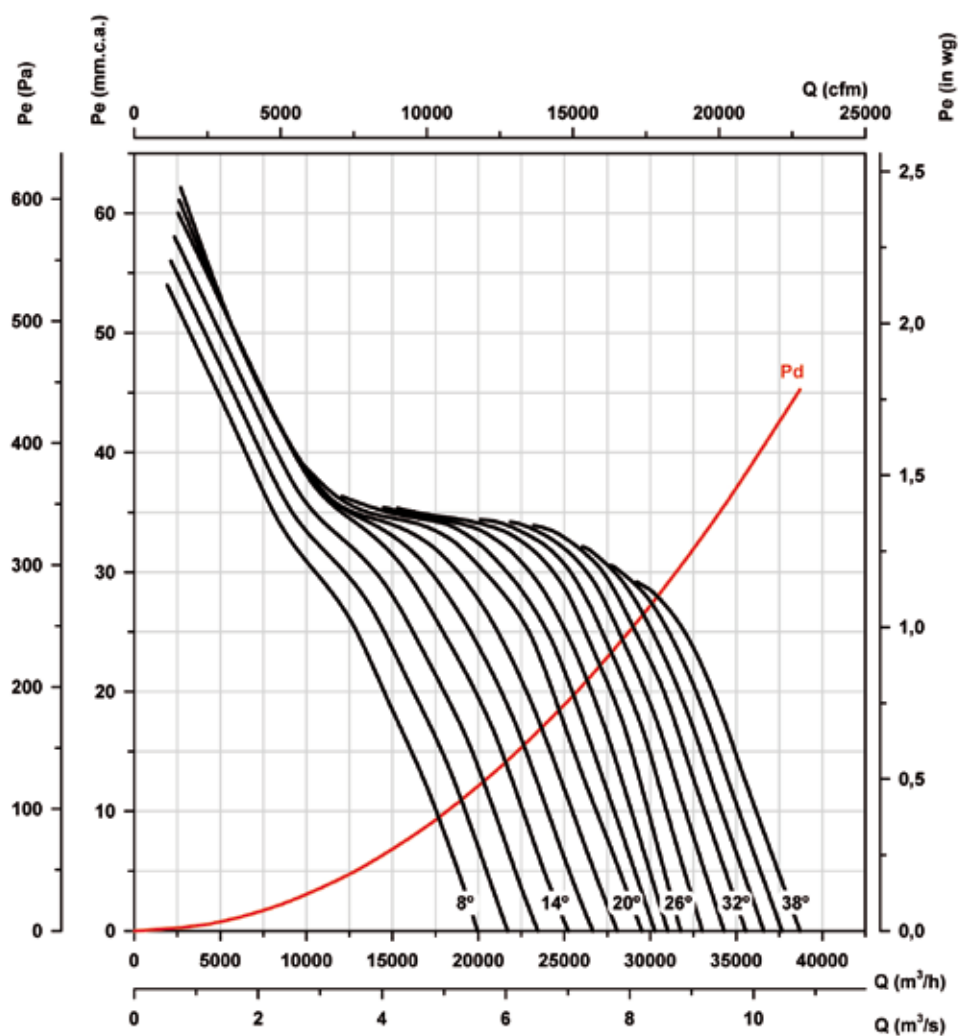
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71 Number of poles: 4

Number of blades: 6



Characteristic curves

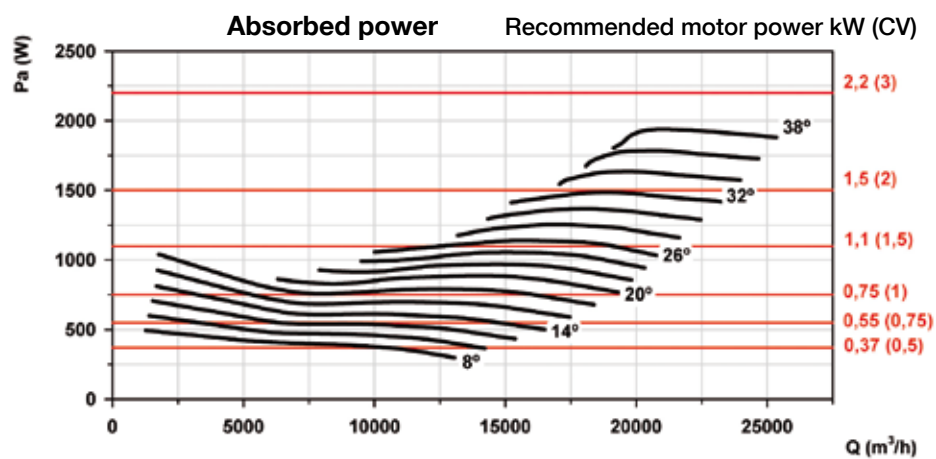
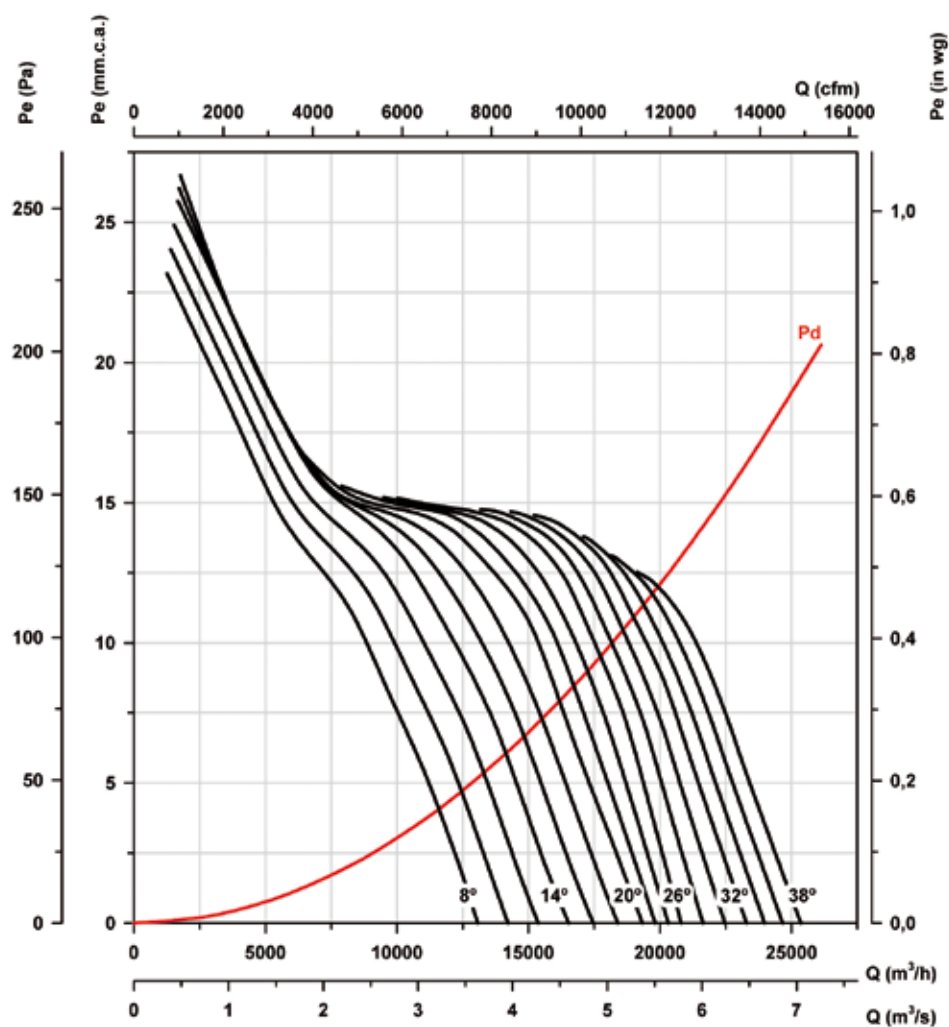
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71 Number of poles: 6

Number of blades: 6



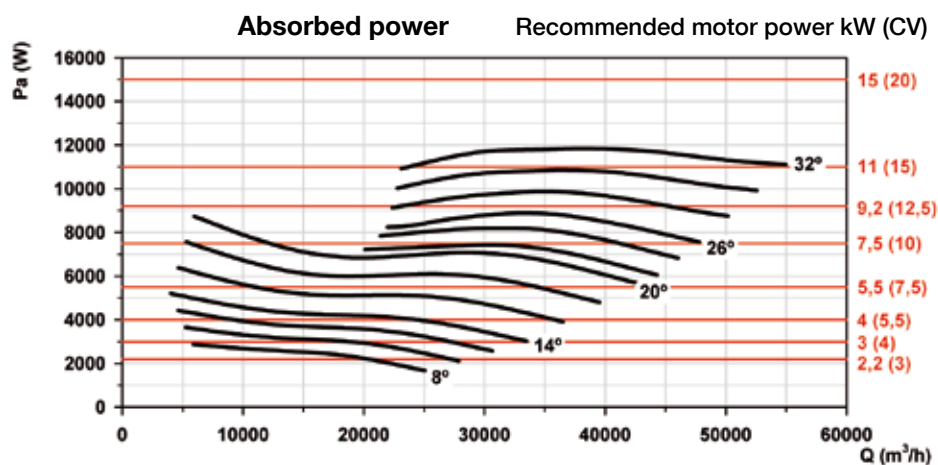
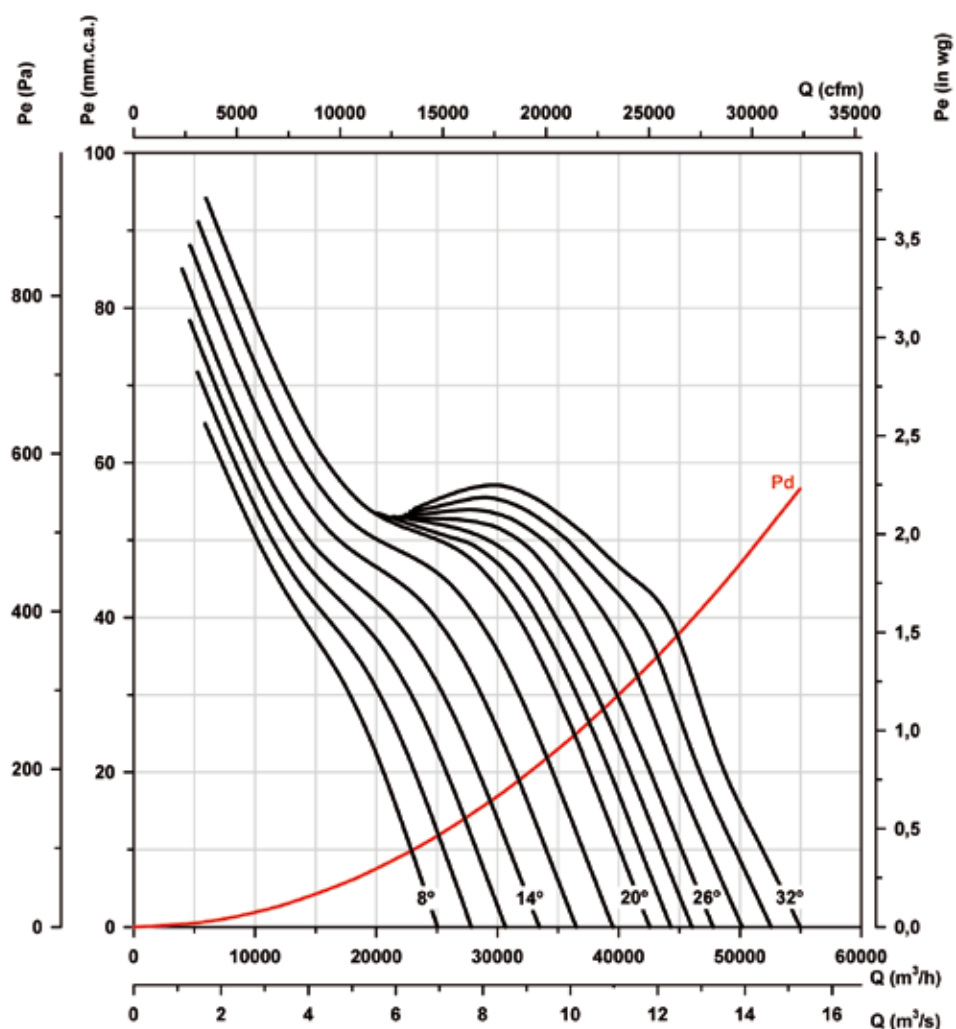
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 80 Number of poles: 4

Number of blades: 6



Characteristic curves

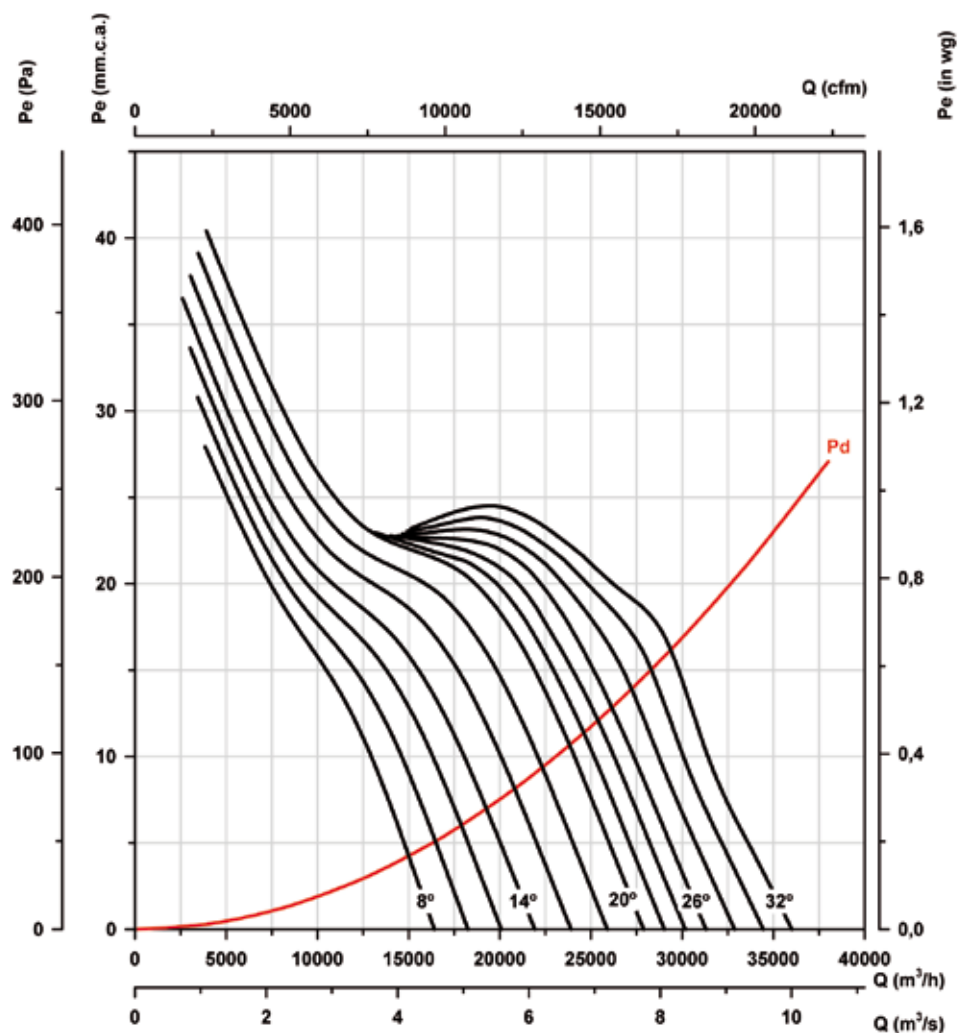
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

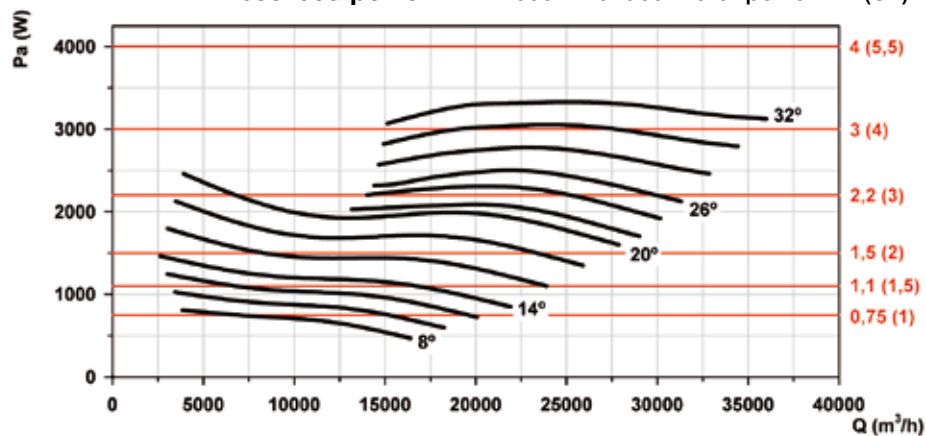
Impeller diameter (cm): 80 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

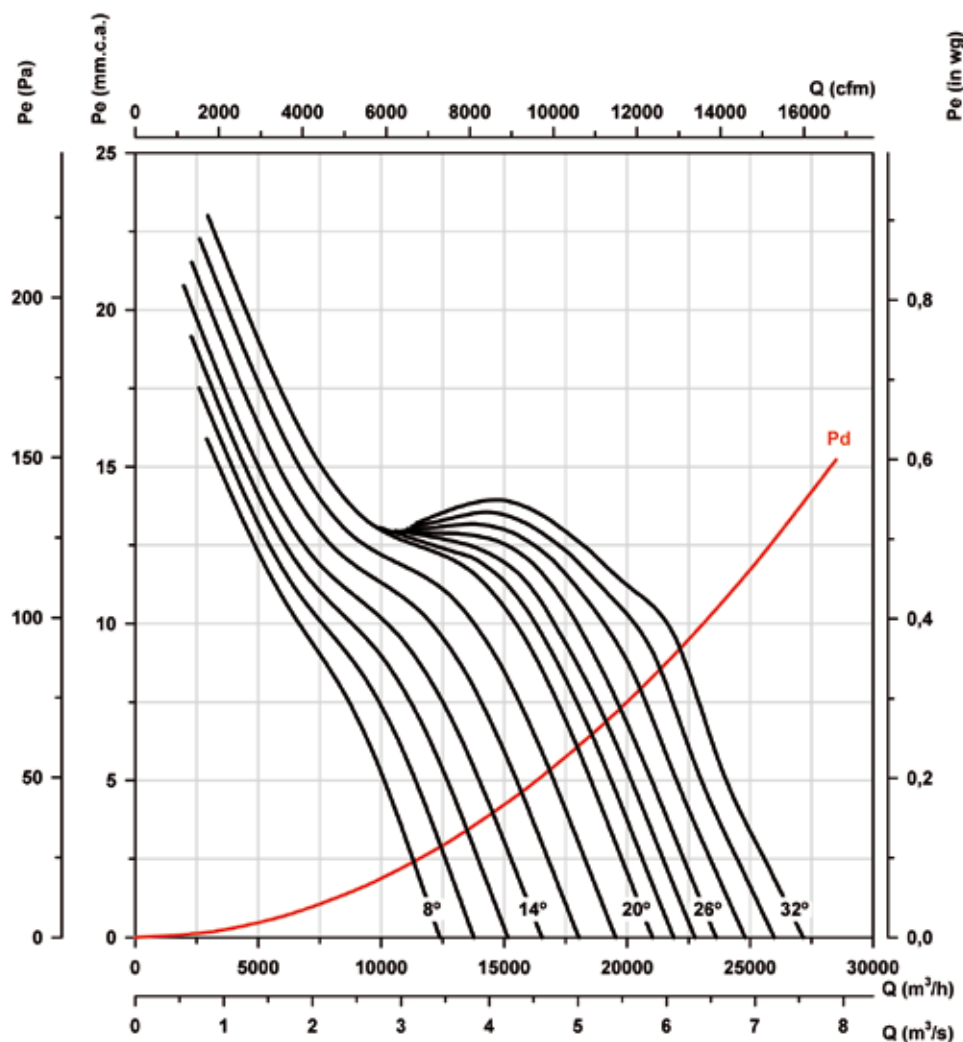
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

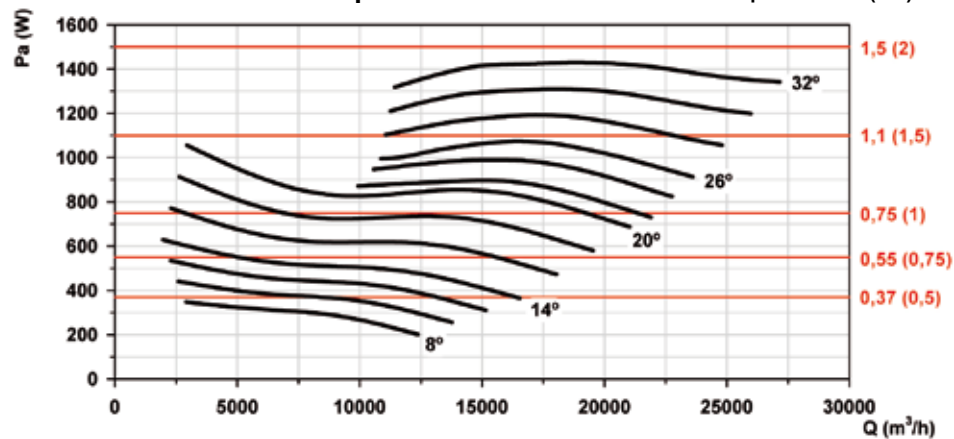
Impeller diameter (cm): 80 Number of poles: 8

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

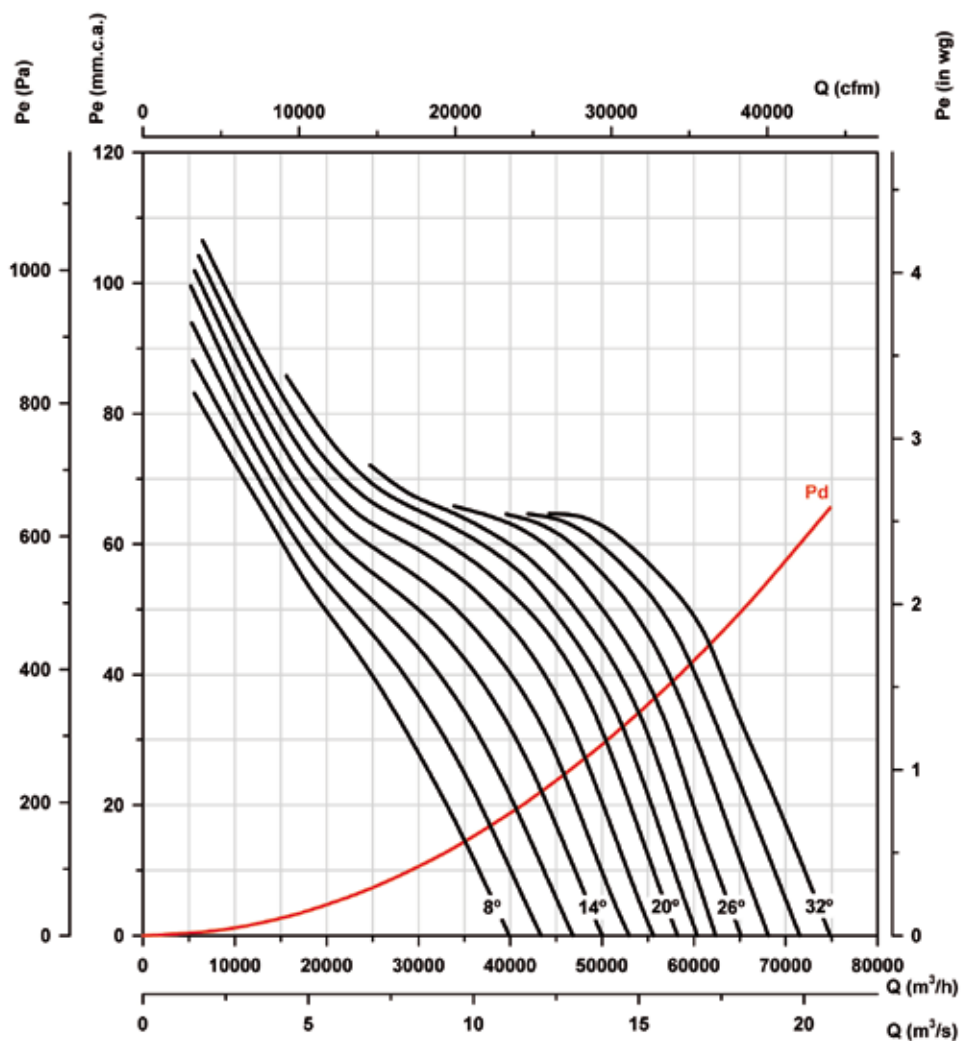
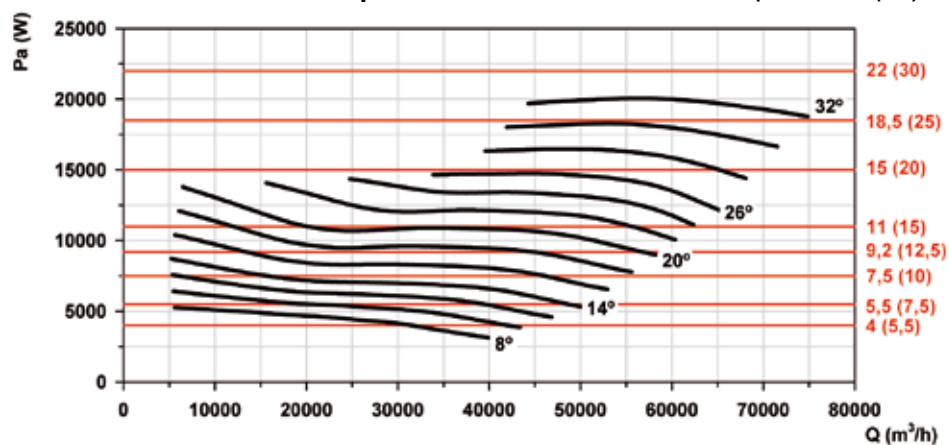
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 90 Number of poles: 4

Number of blades: 6

**Absorbed power****Recommended motor power kW (CV)**

Characteristic curves

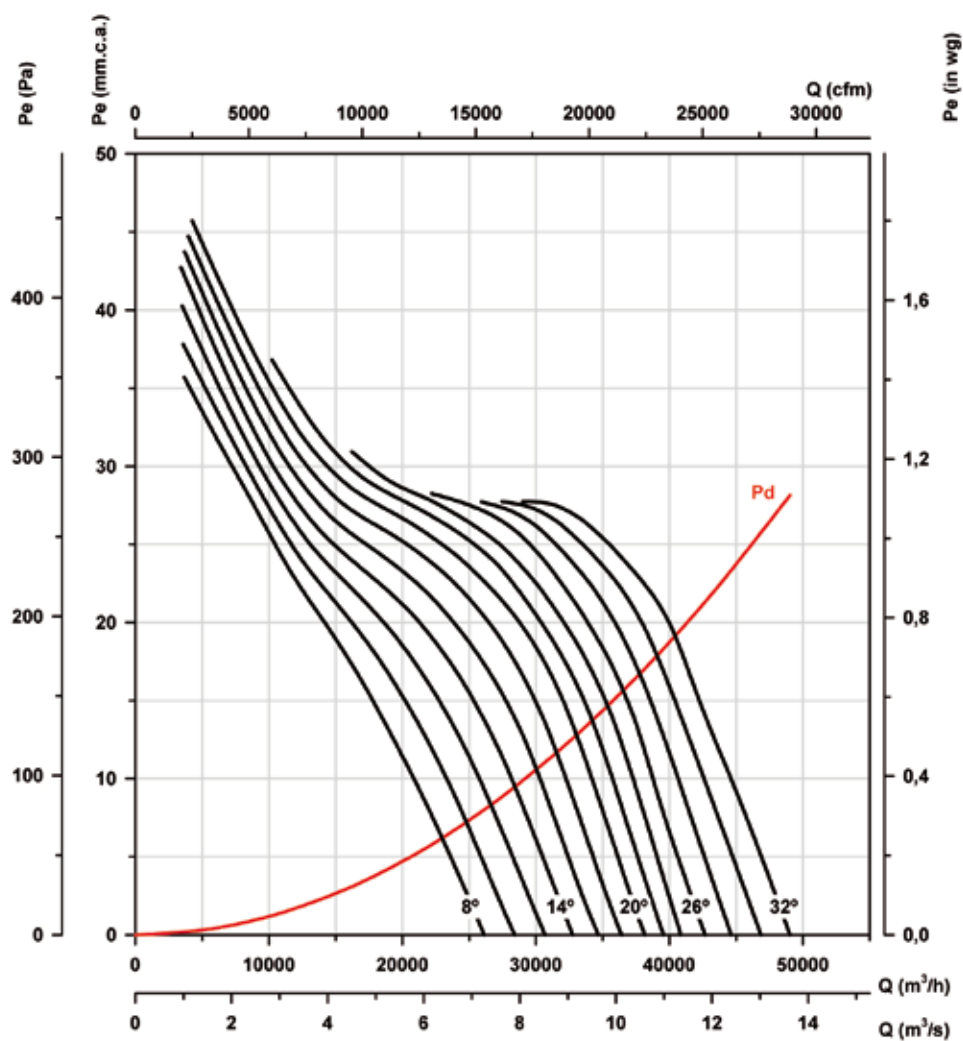
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

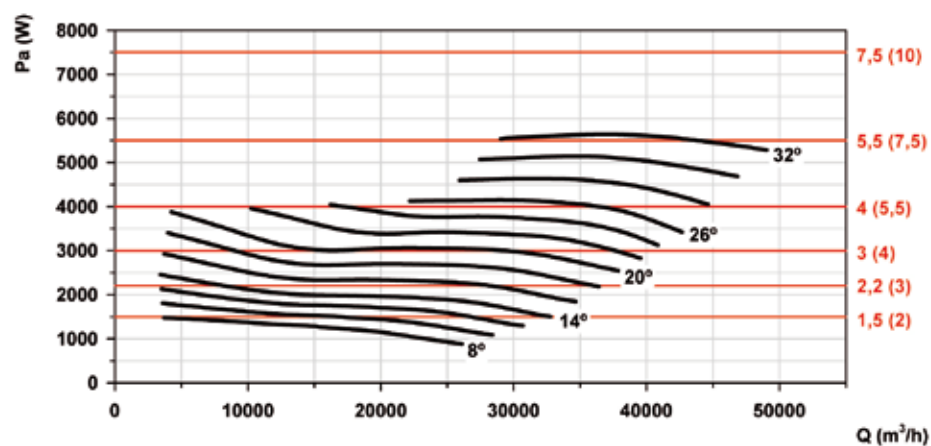
Impeller diameter (cm): 90 Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



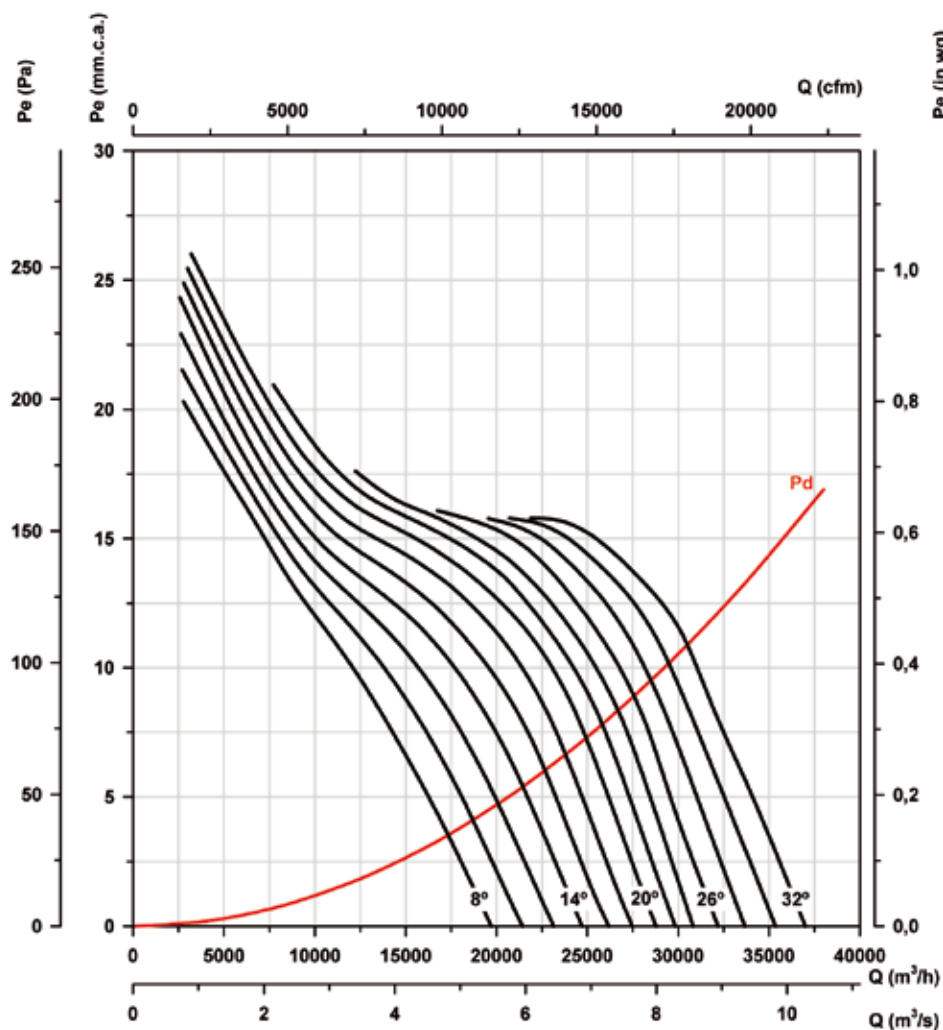
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

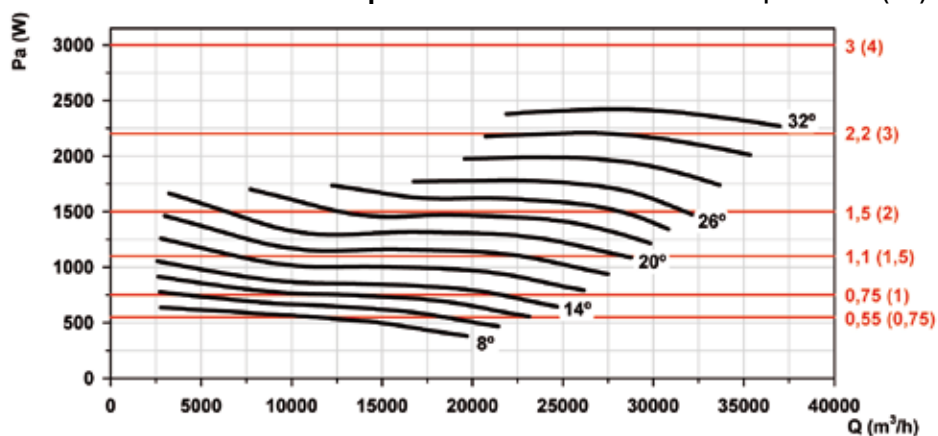
Impeller diameter (cm): 90 Number of poles: 8

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

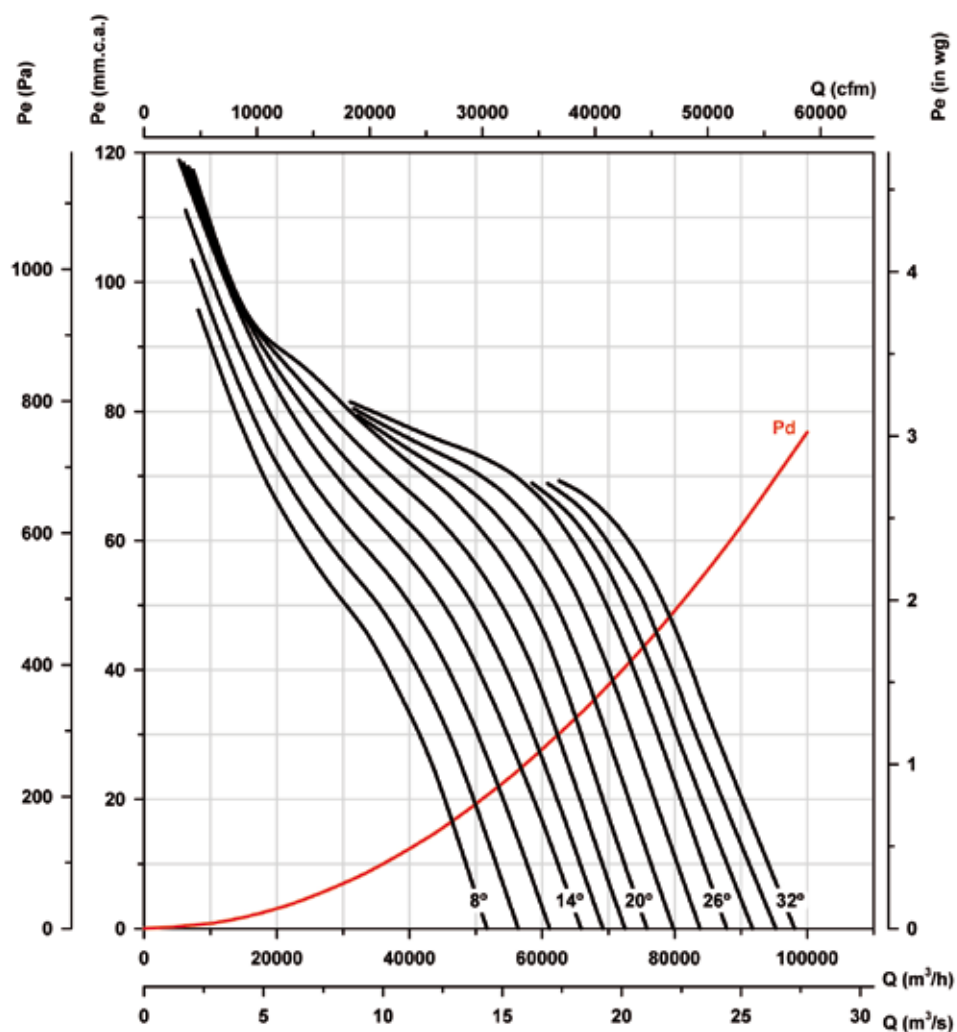
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100

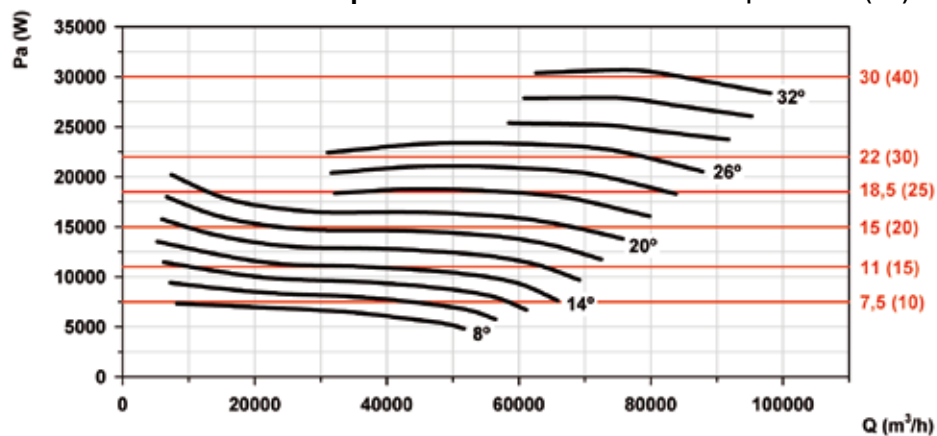
Number of poles: 4

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

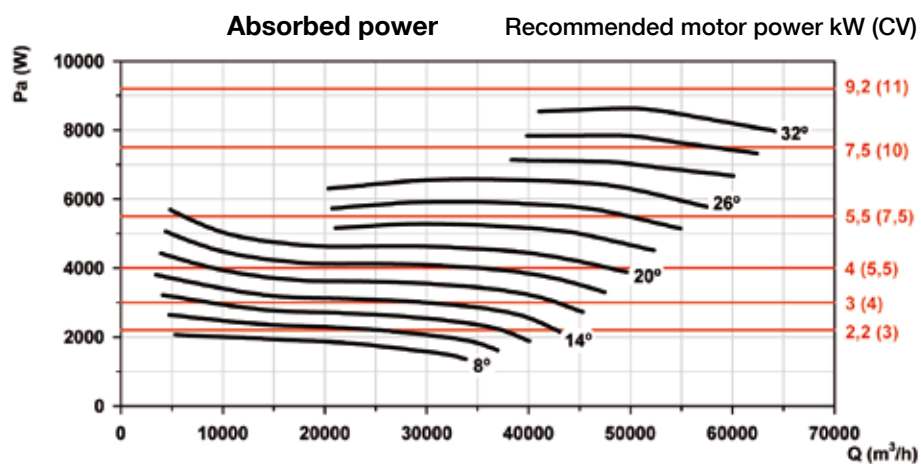
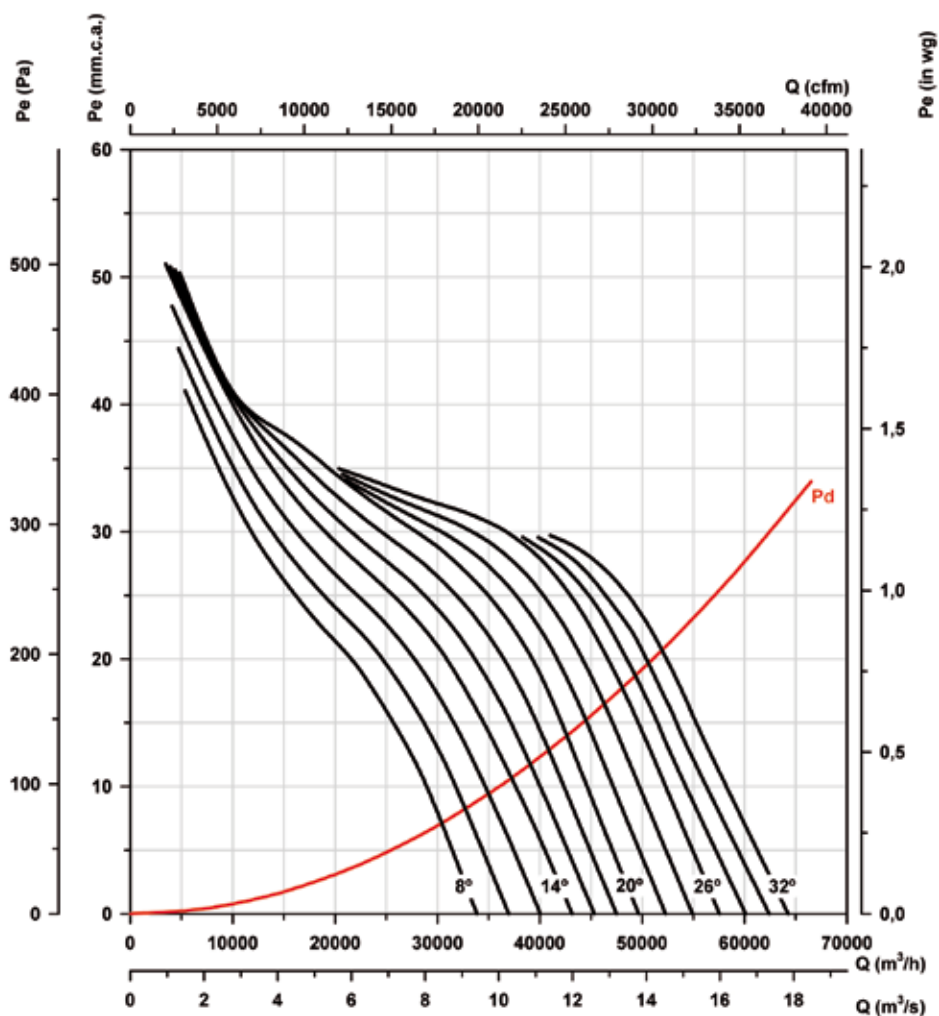
THT

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100 Number of poles: 6

Number of blades: 6



Characteristic curves

THT

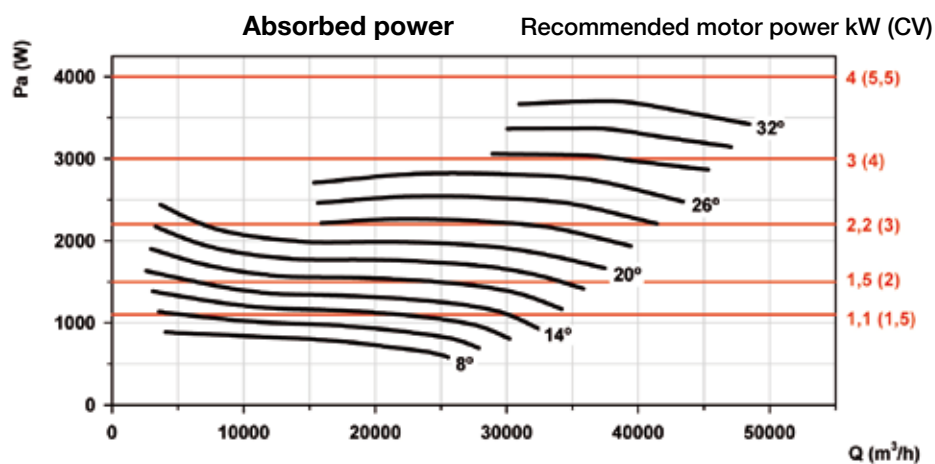
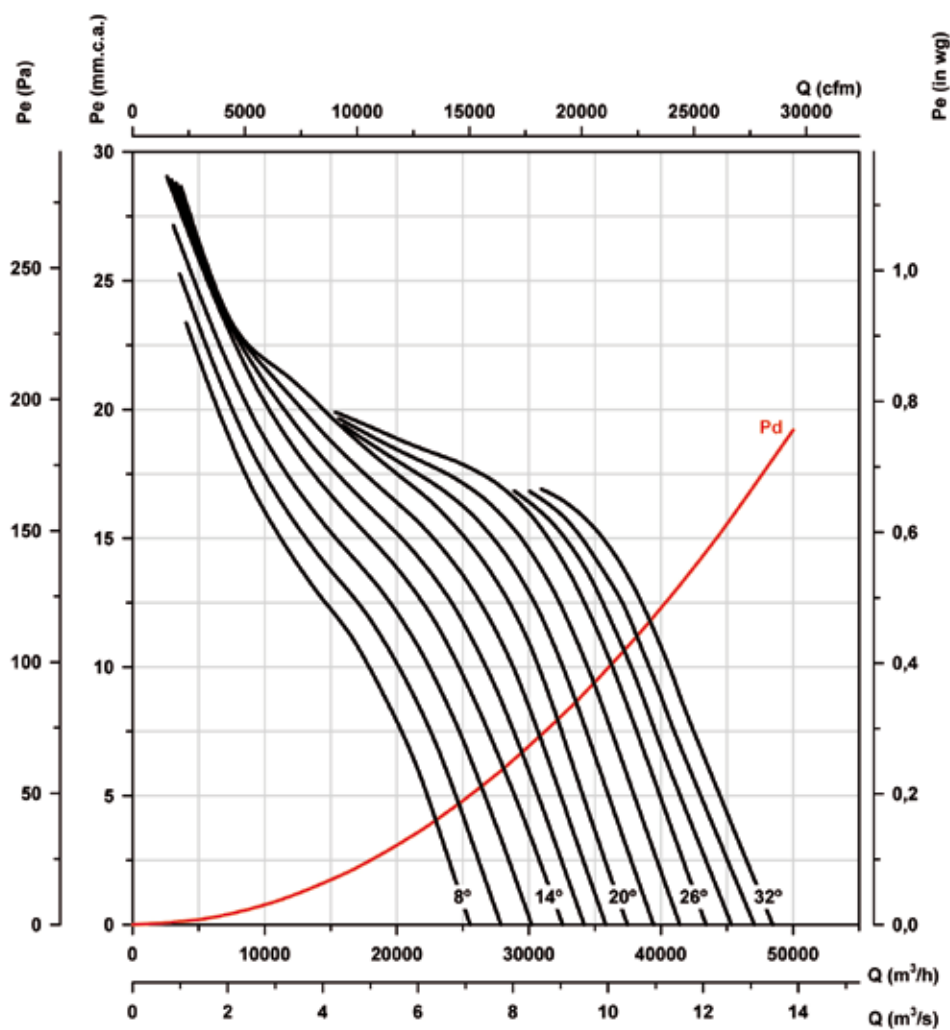
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100

Number of poles: 8

Number of blades: 6



Characteristic curves

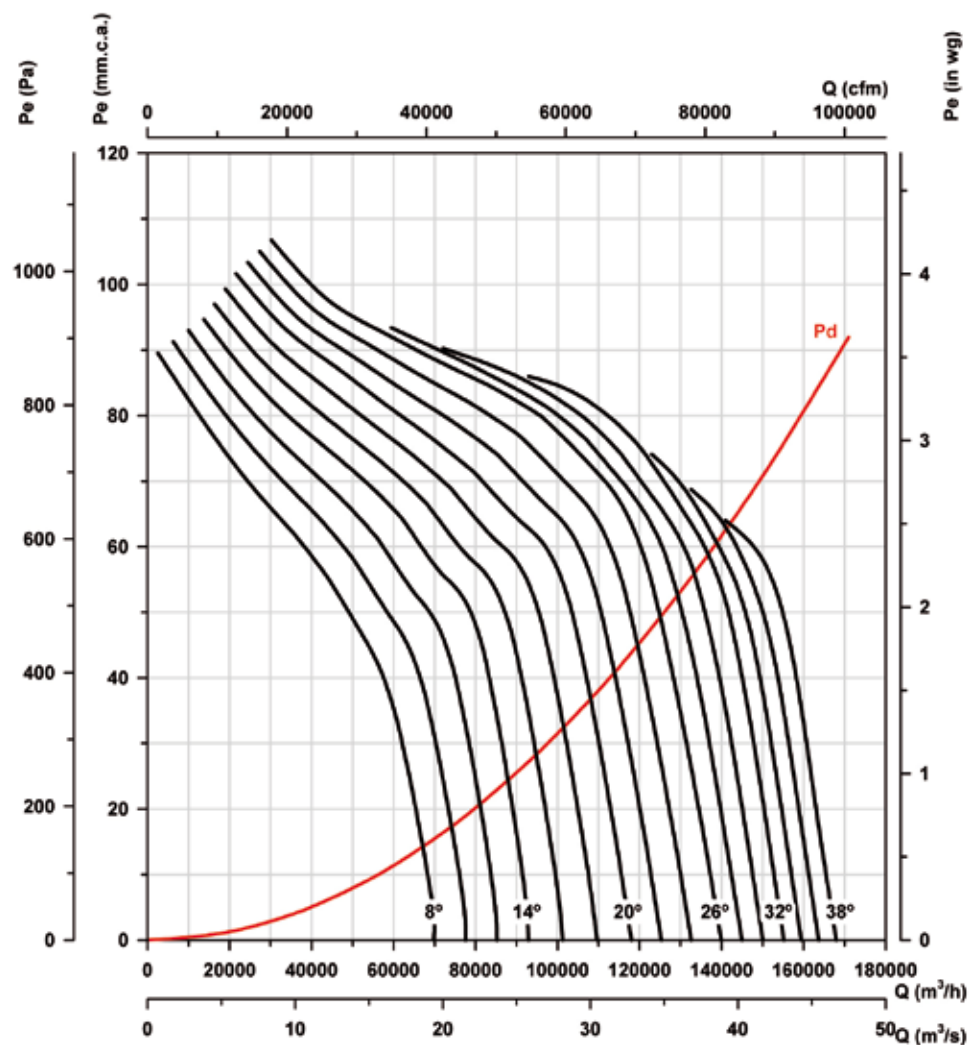
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

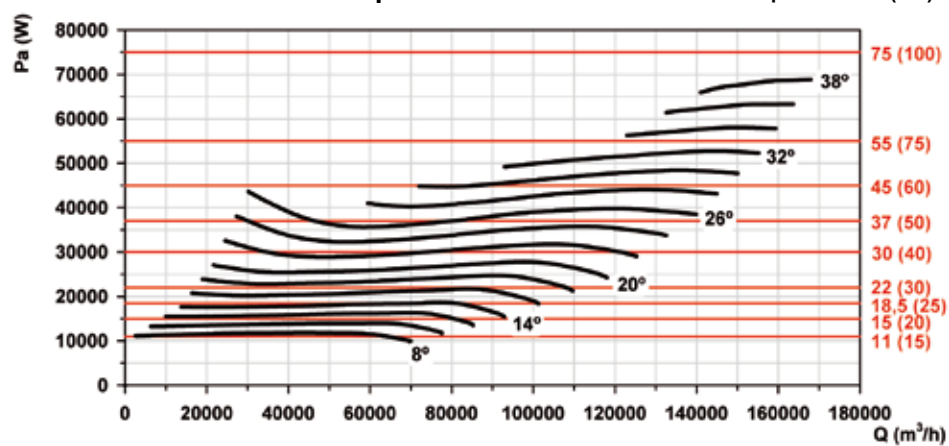
Number of poles: 4

Number of blades: 3



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

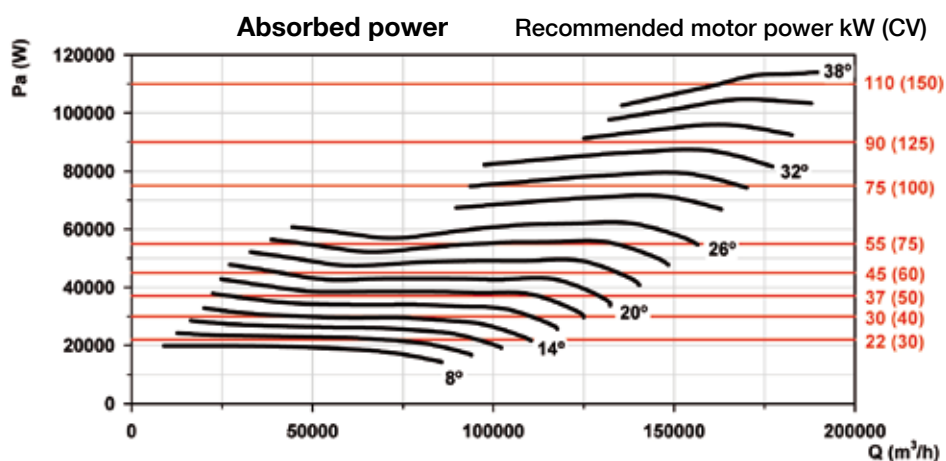
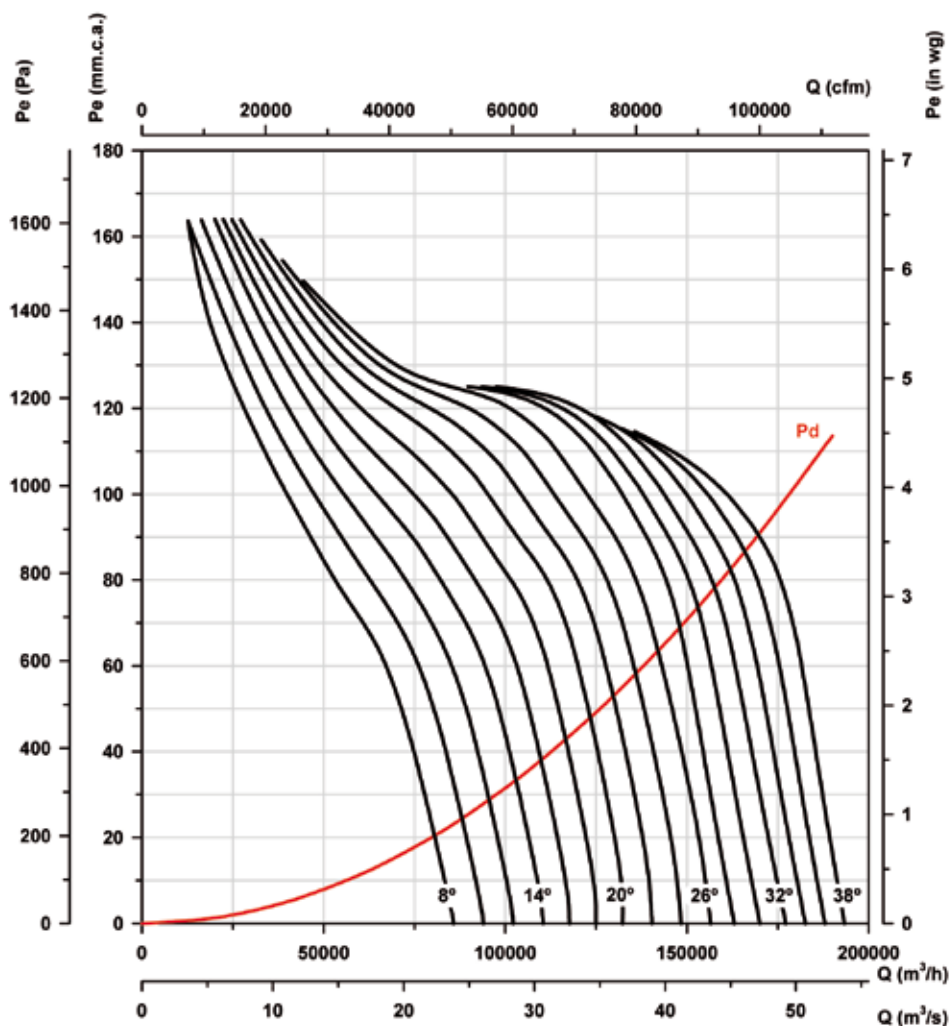
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

Number of poles: 4

Number of blades: 6



Characteristic curves

THT

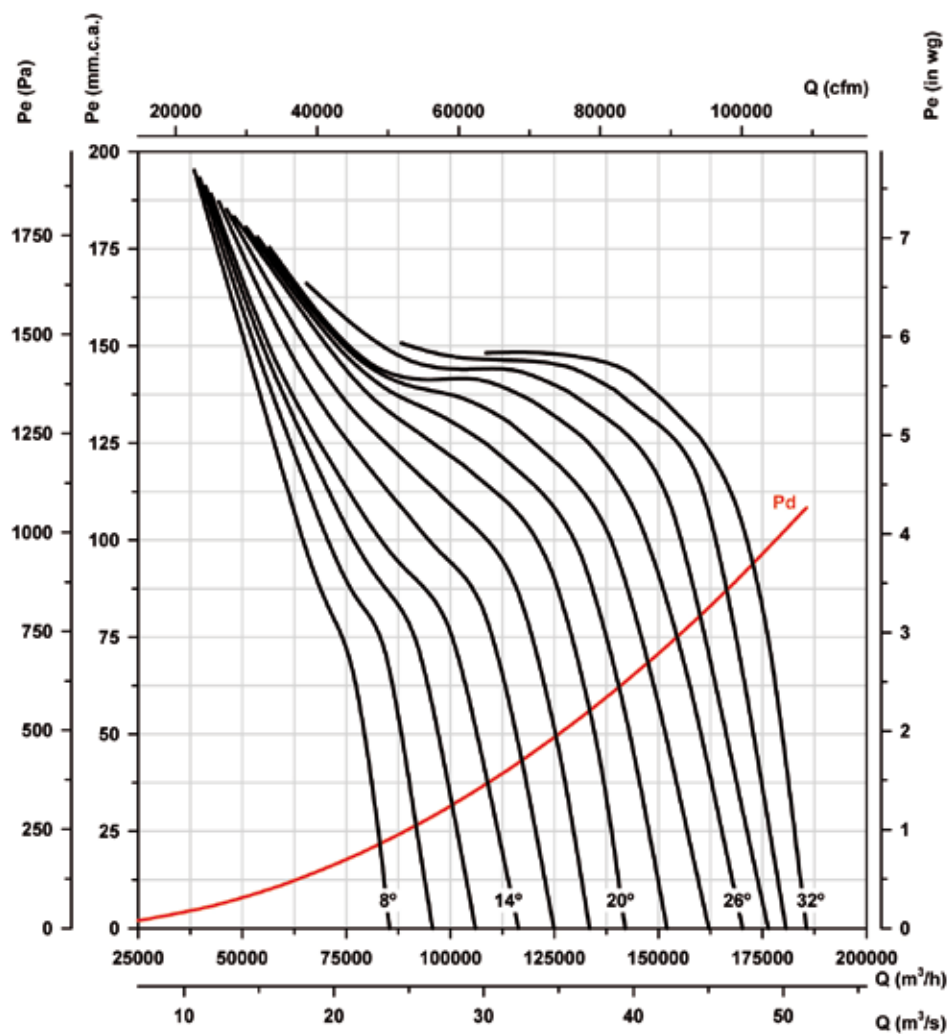
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

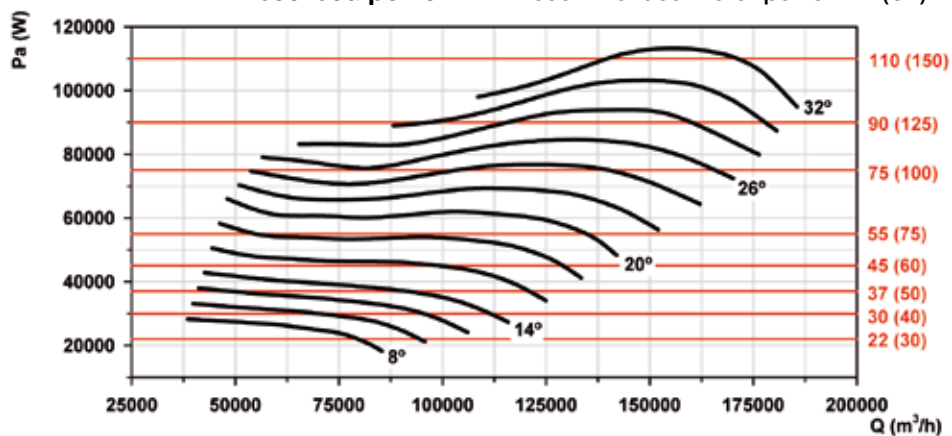
Number of poles: 4

Number of blades: 9



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

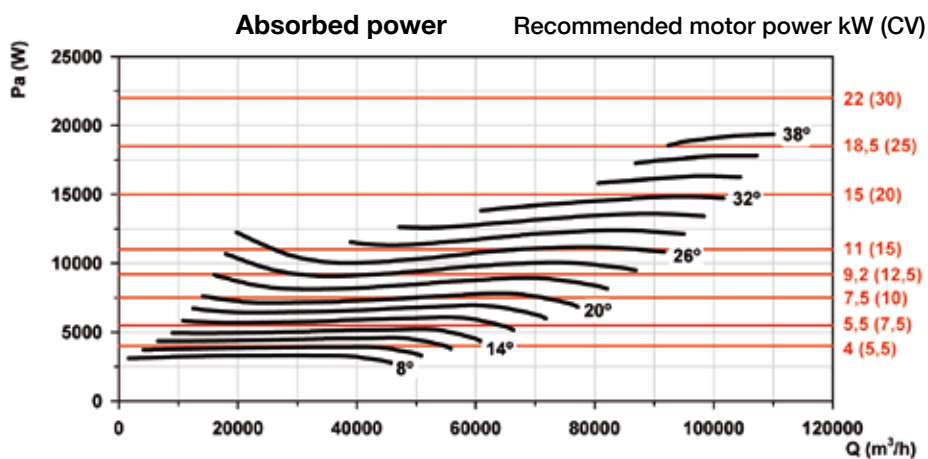
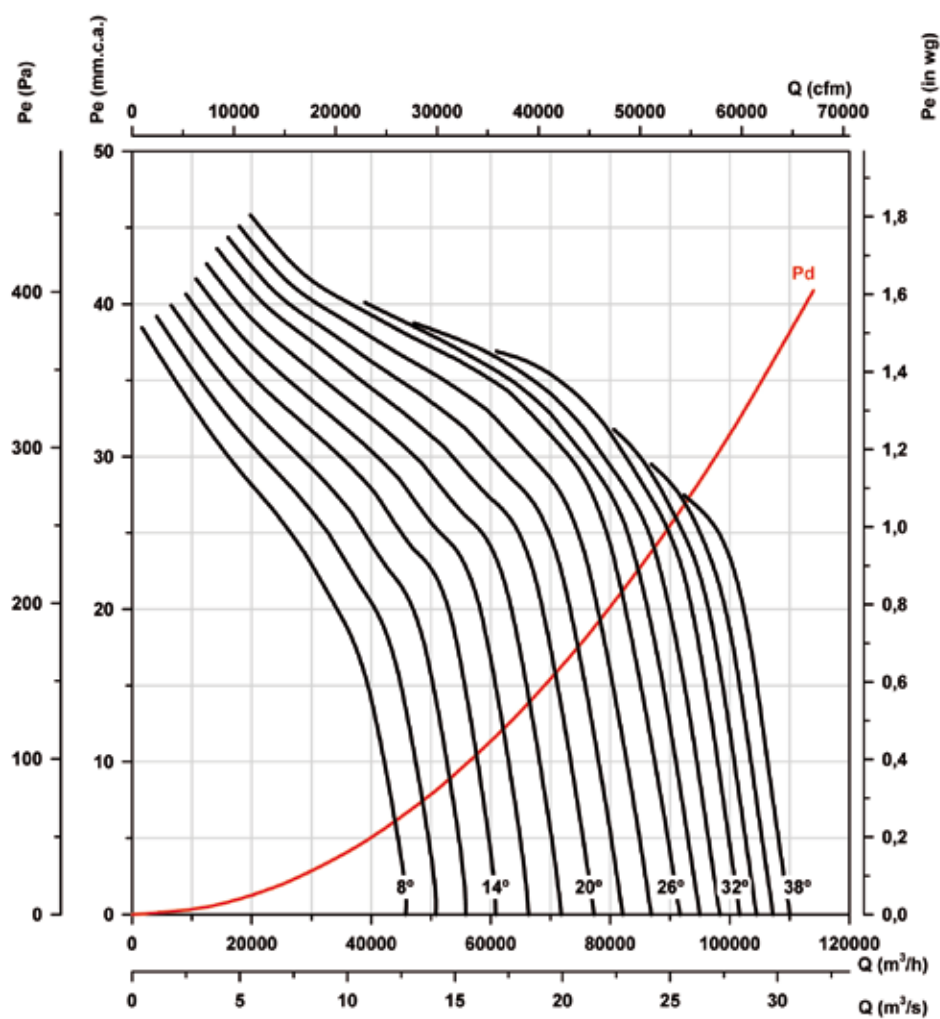
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

Number of poles: 6

Number of blades: 3



Characteristic curves

THT

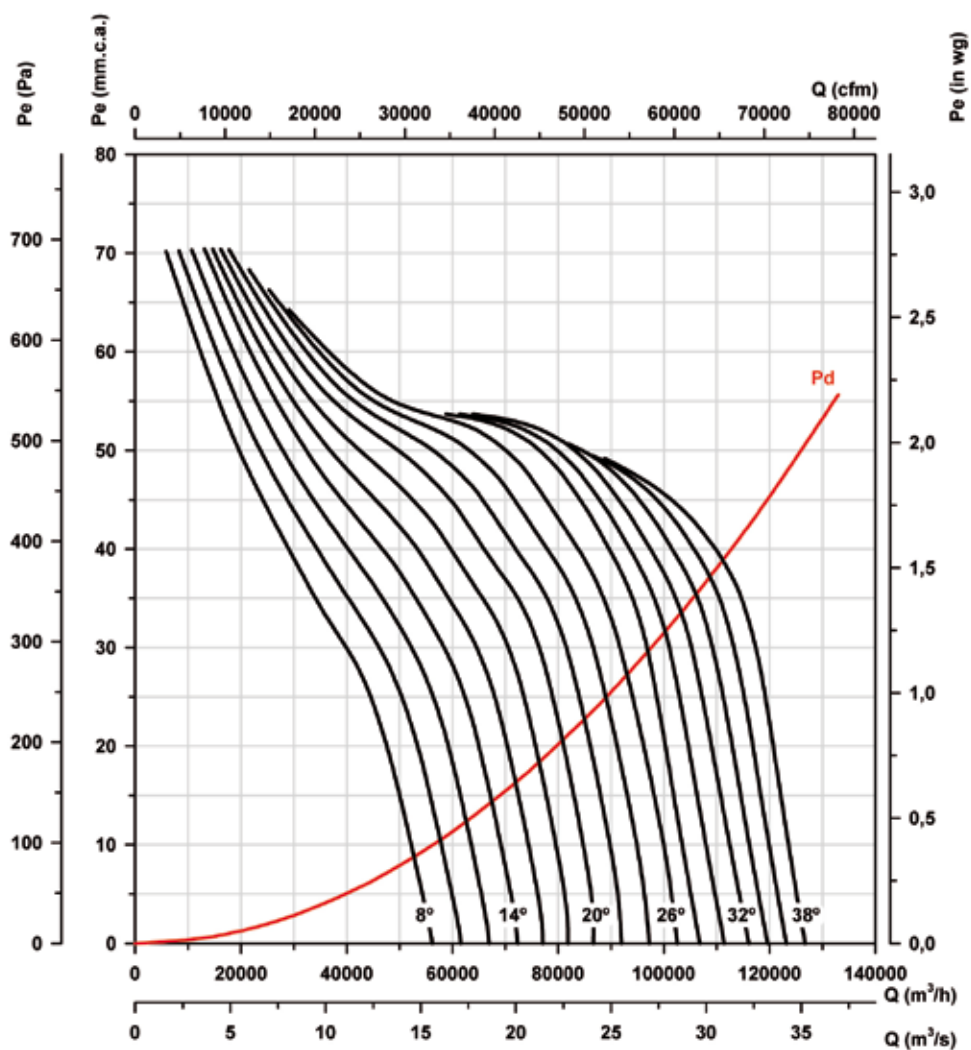
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

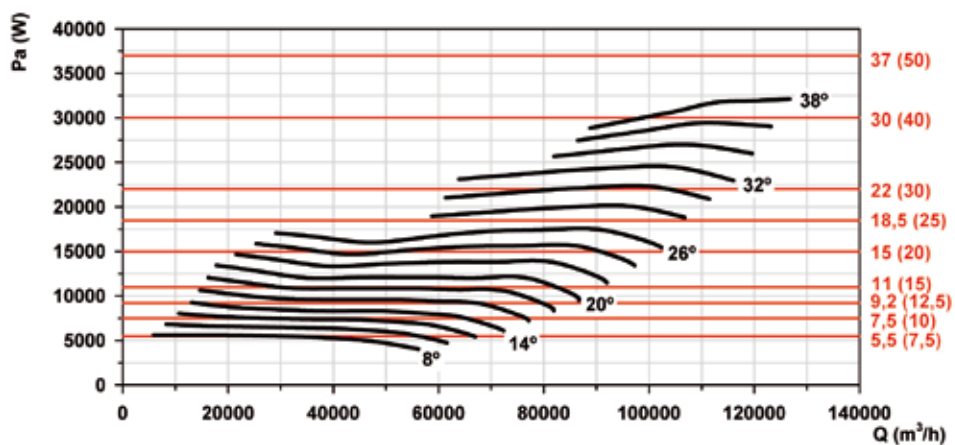
Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

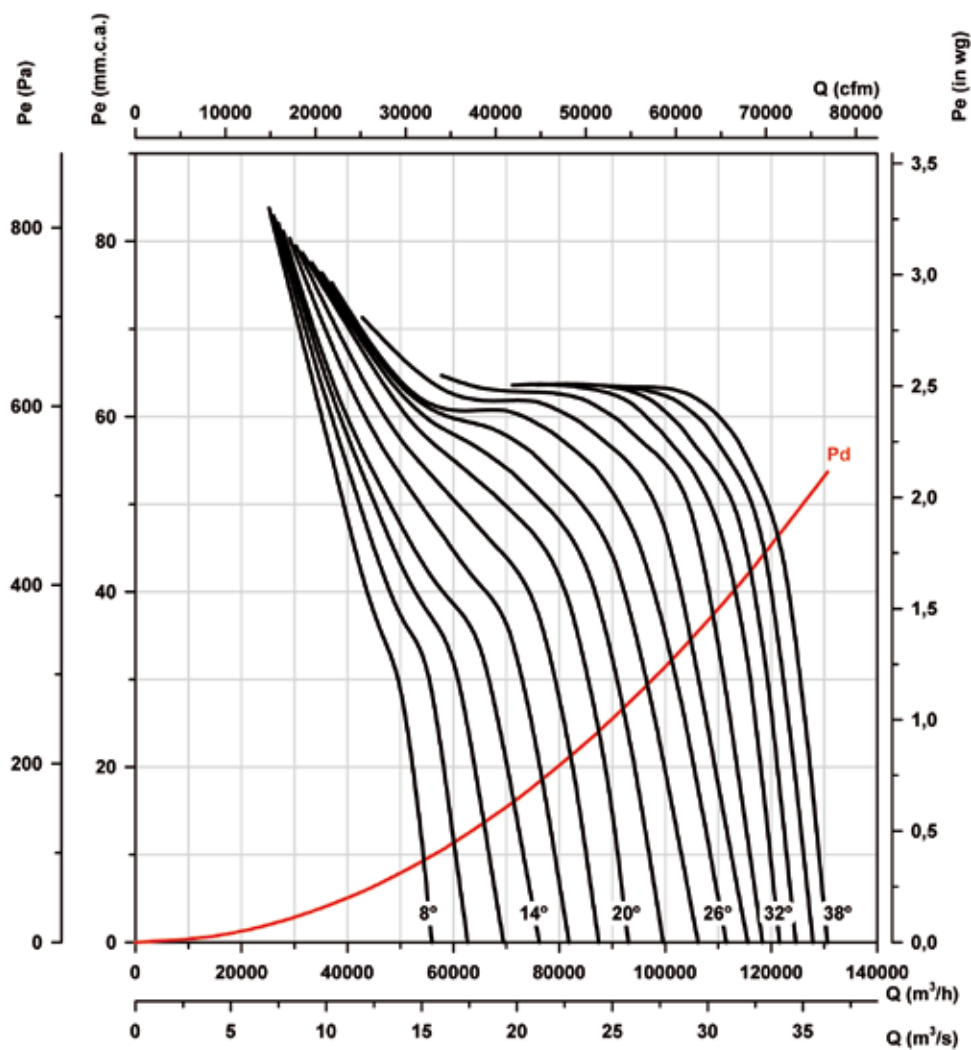
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125

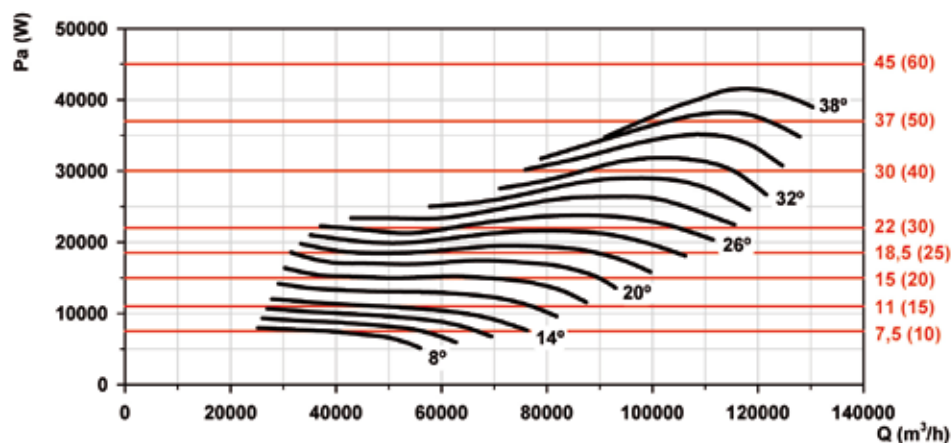
Number of poles: 6

Number of blades: 9



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

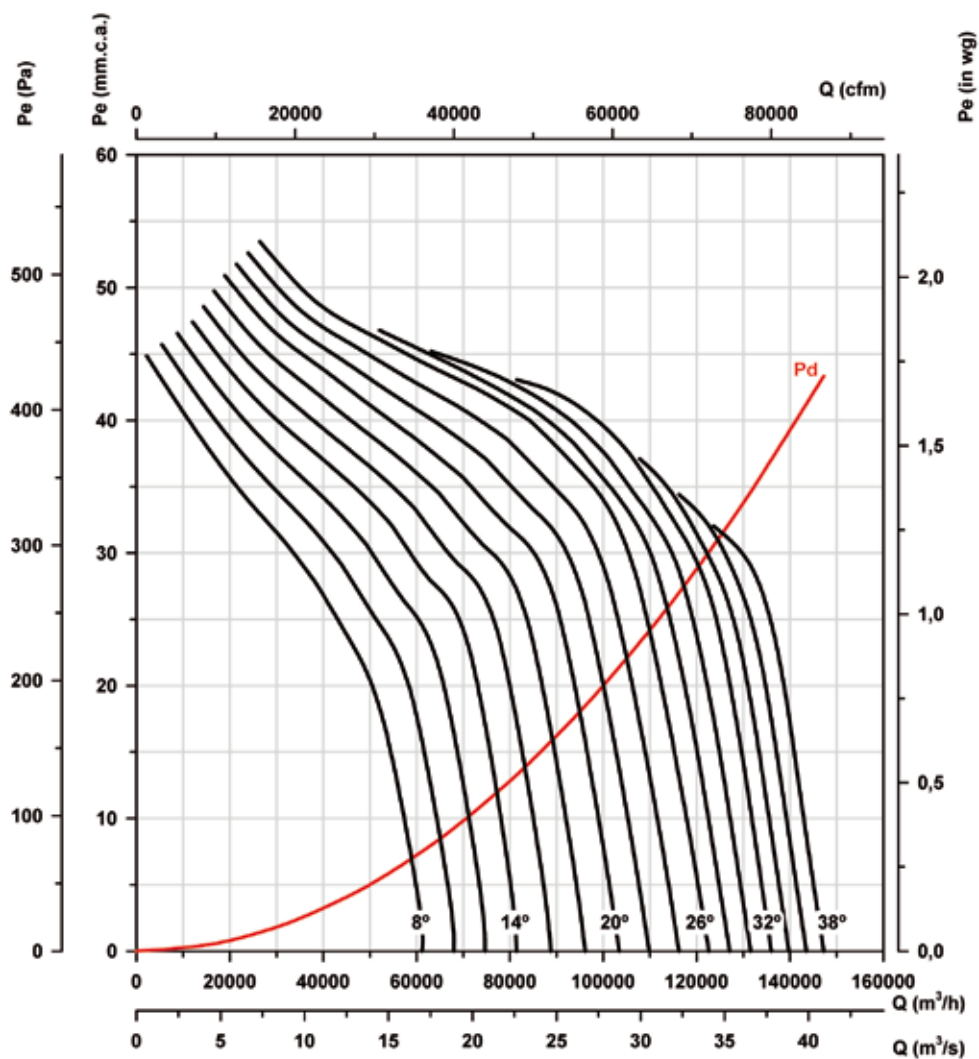
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

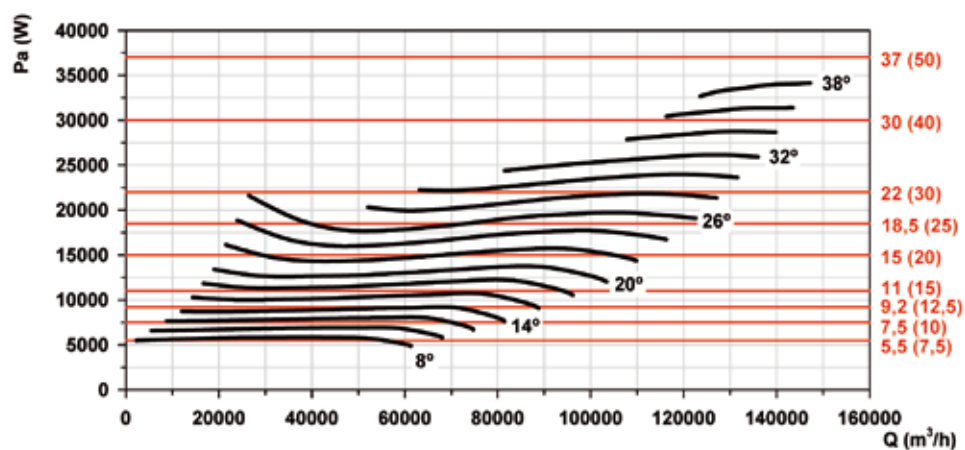
Number of poles: 6

Number of blades: 3



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

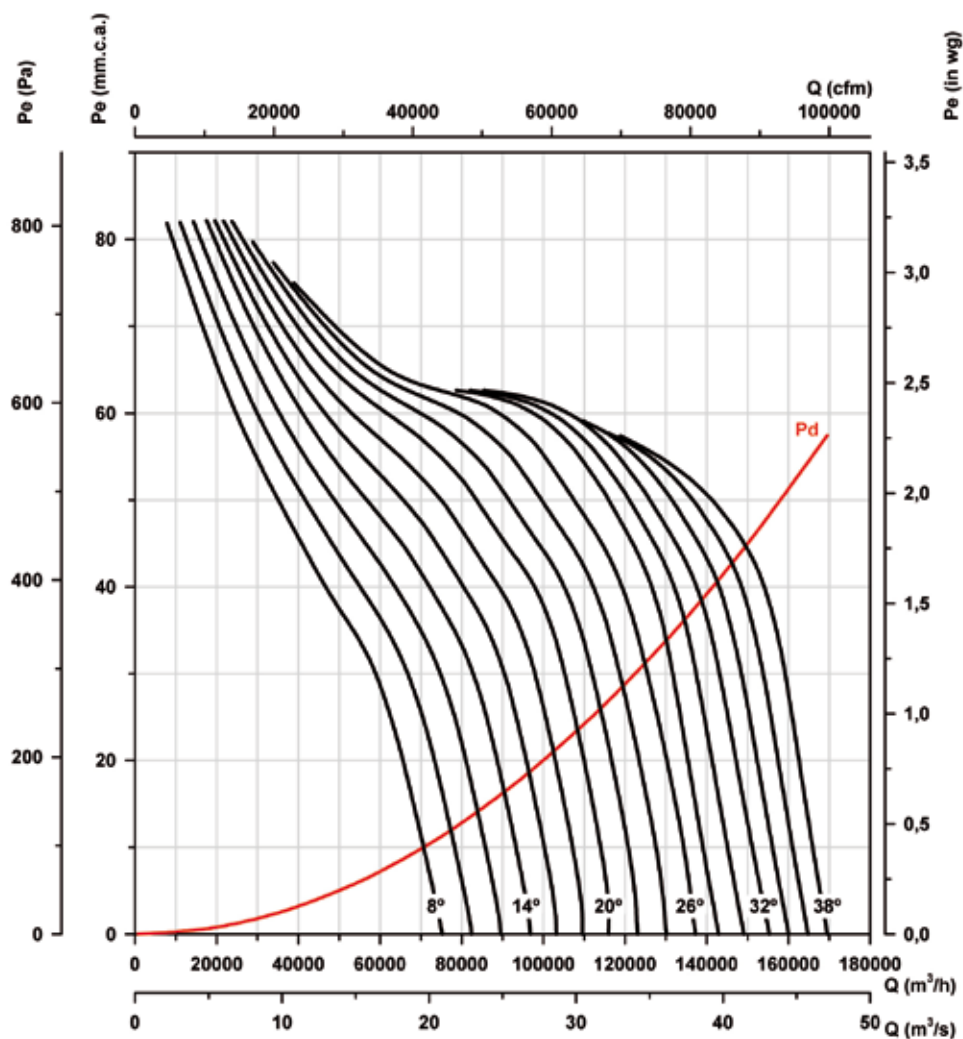
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

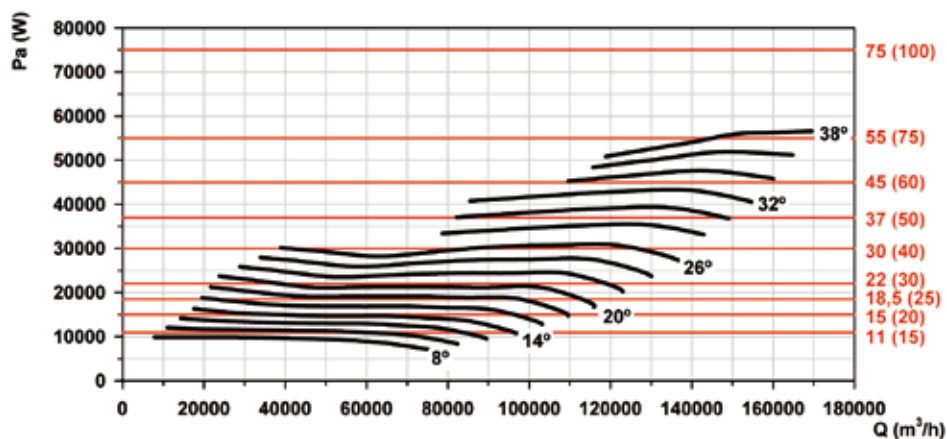
Number of poles: 6

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

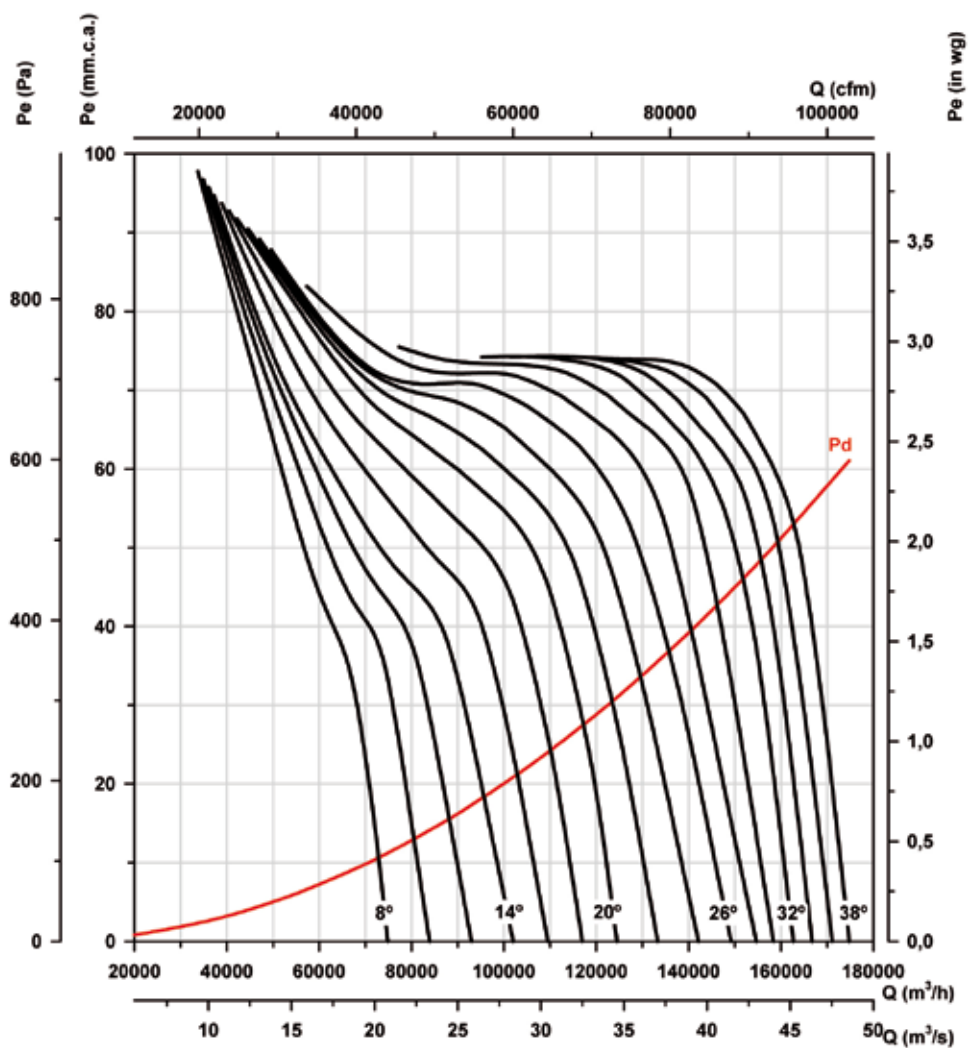
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

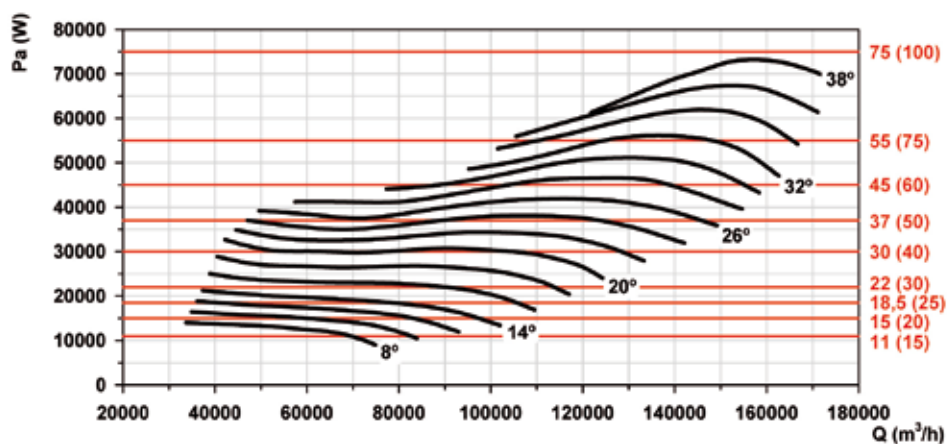
Number of poles: 6

Number of blades: 9



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

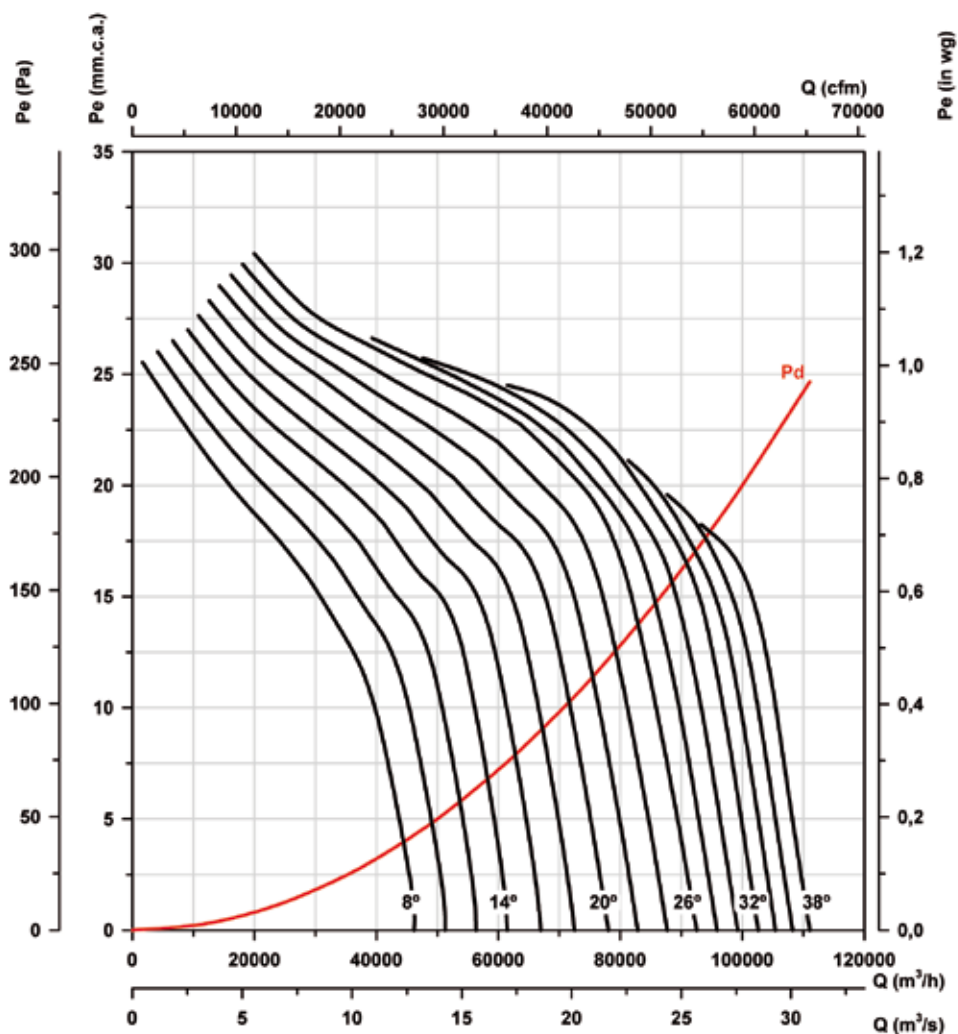
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

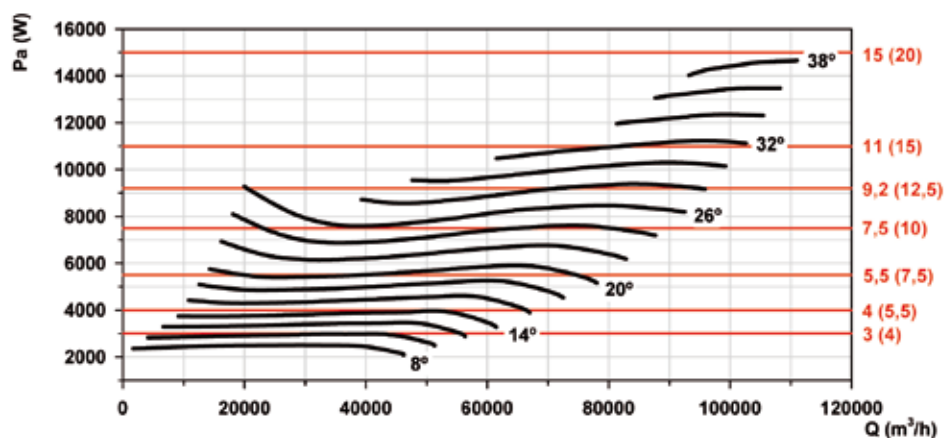
Number of poles: 8

Number of blades: 3



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

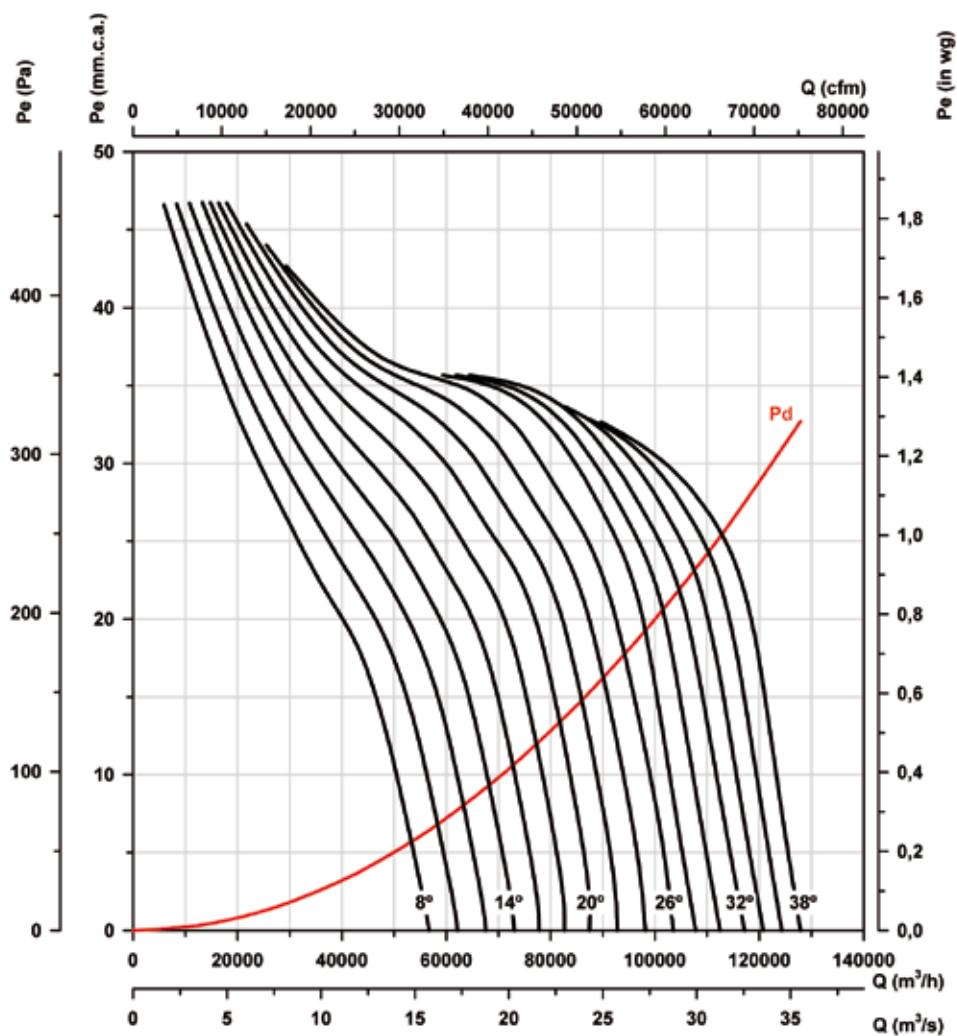
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

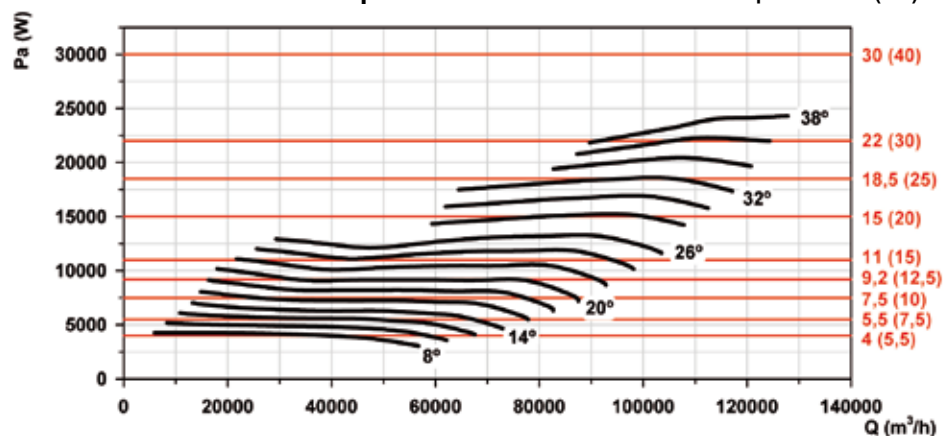
Number of poles: 8

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

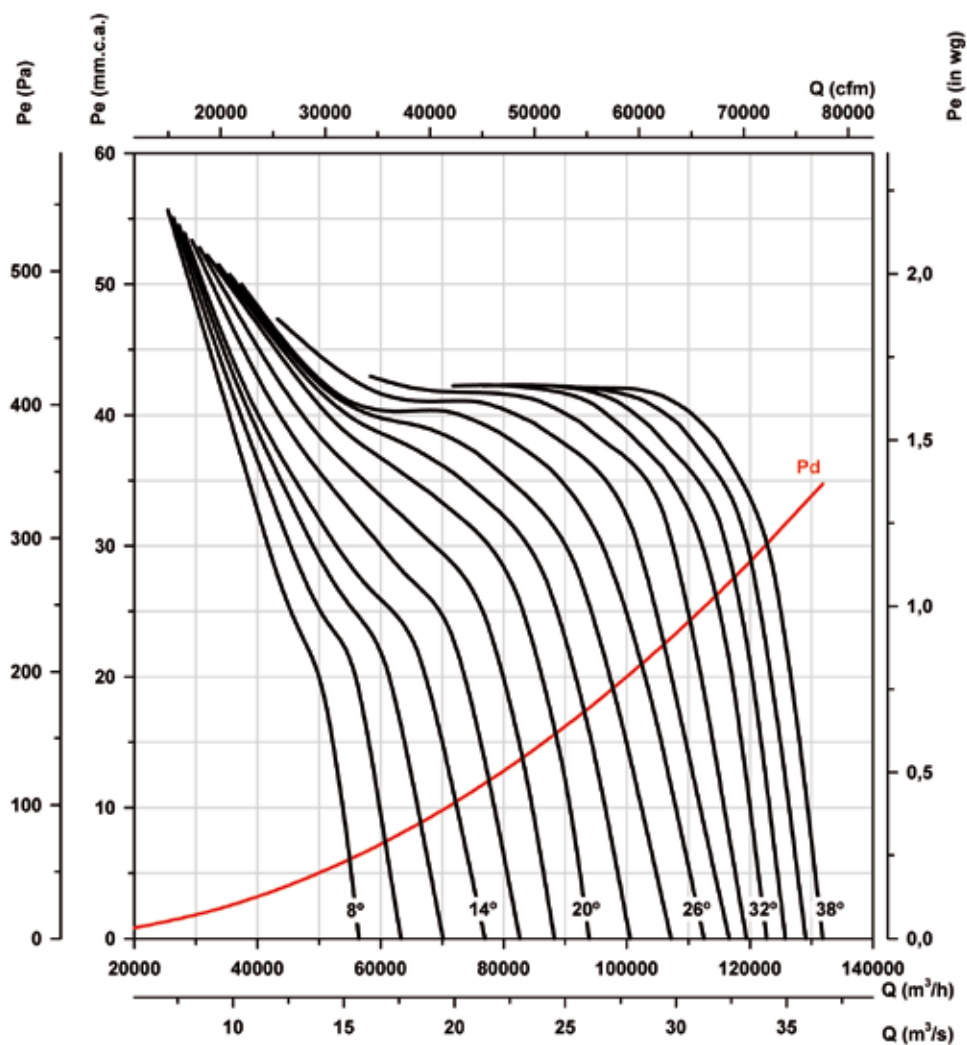
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140

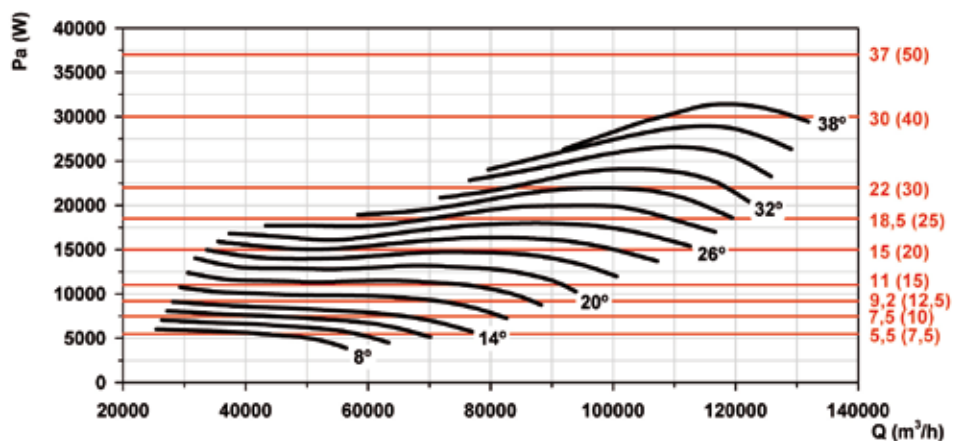
Number of poles: 8

Number of blades: 9



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

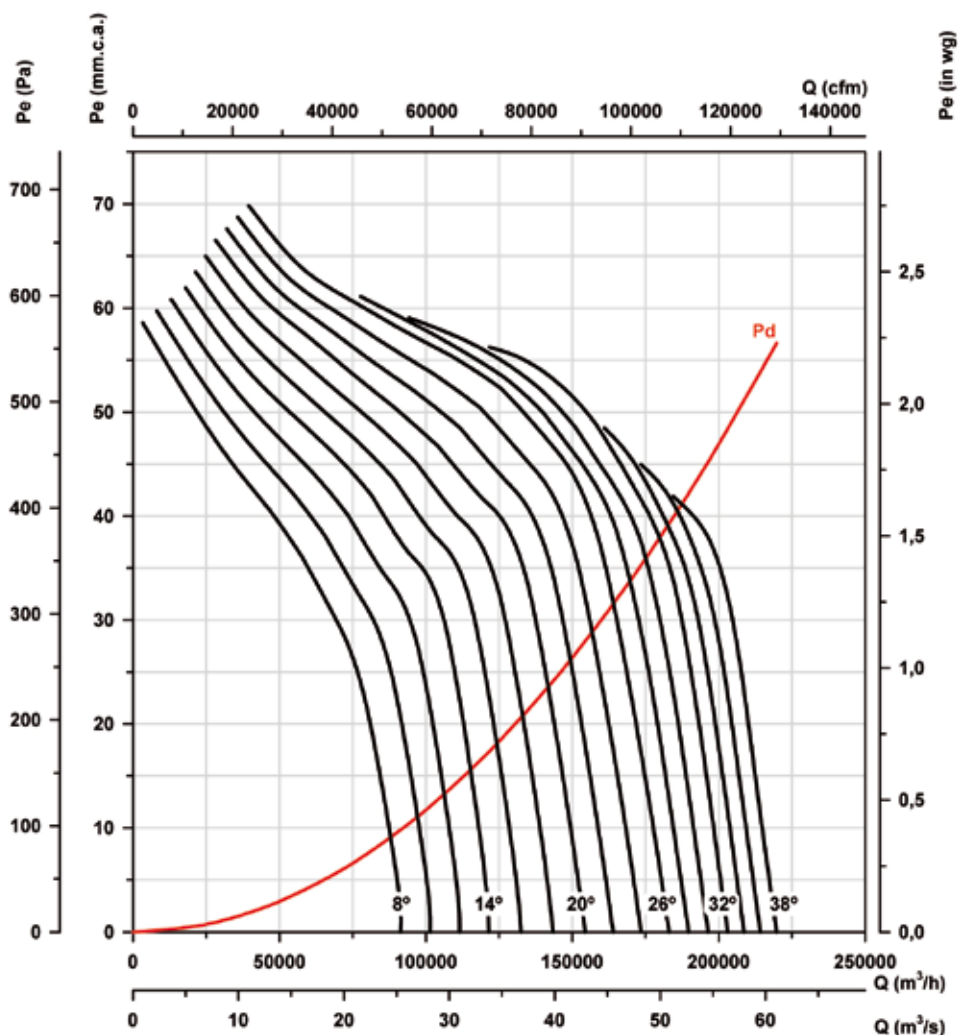
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

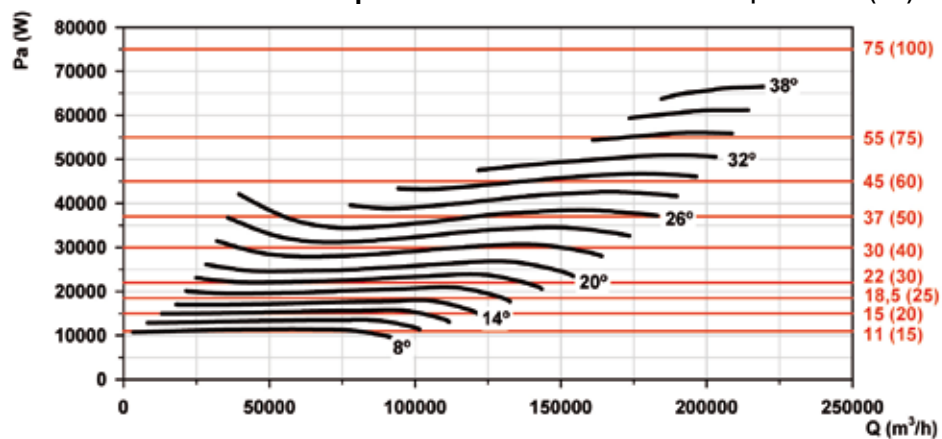
Number of poles: 6

Number of blades: 3



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

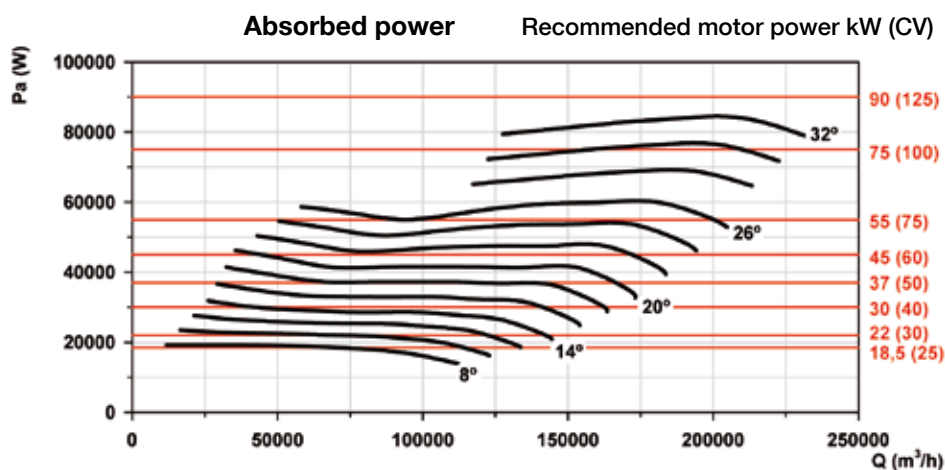
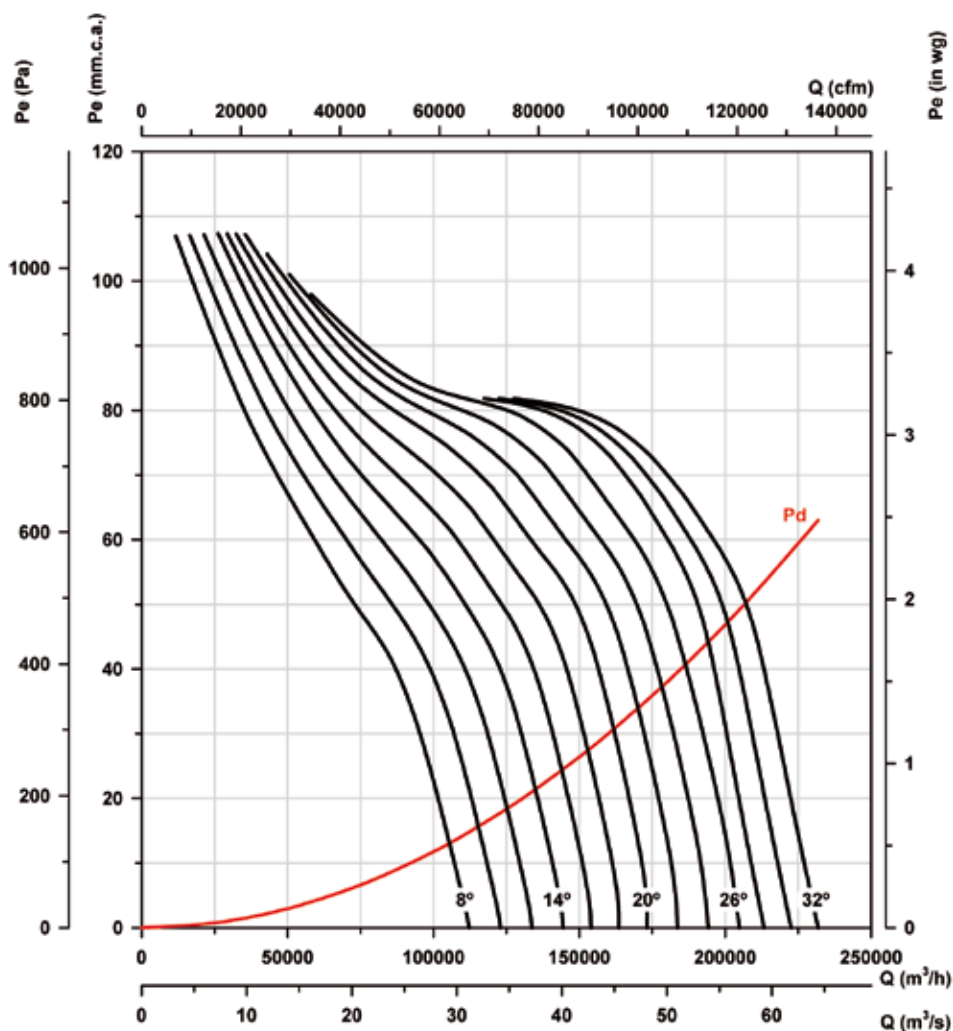
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

Number of poles: 6

Number of blades: 6



Characteristic curves

THT

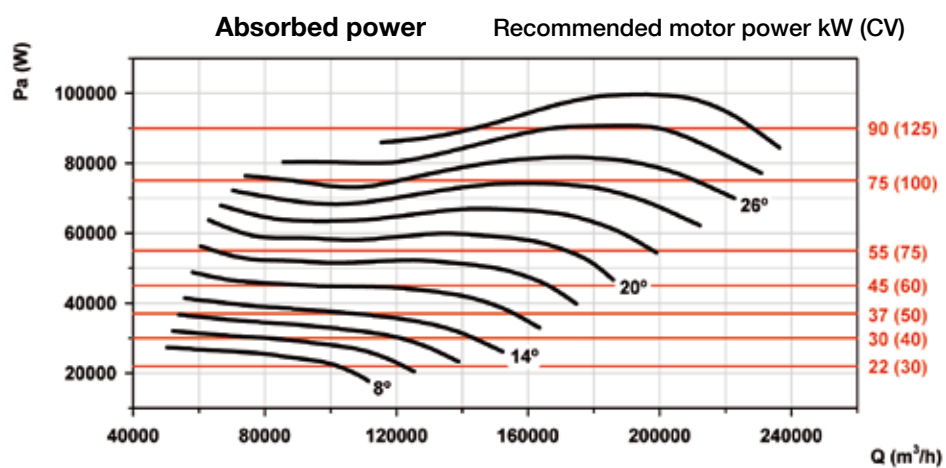
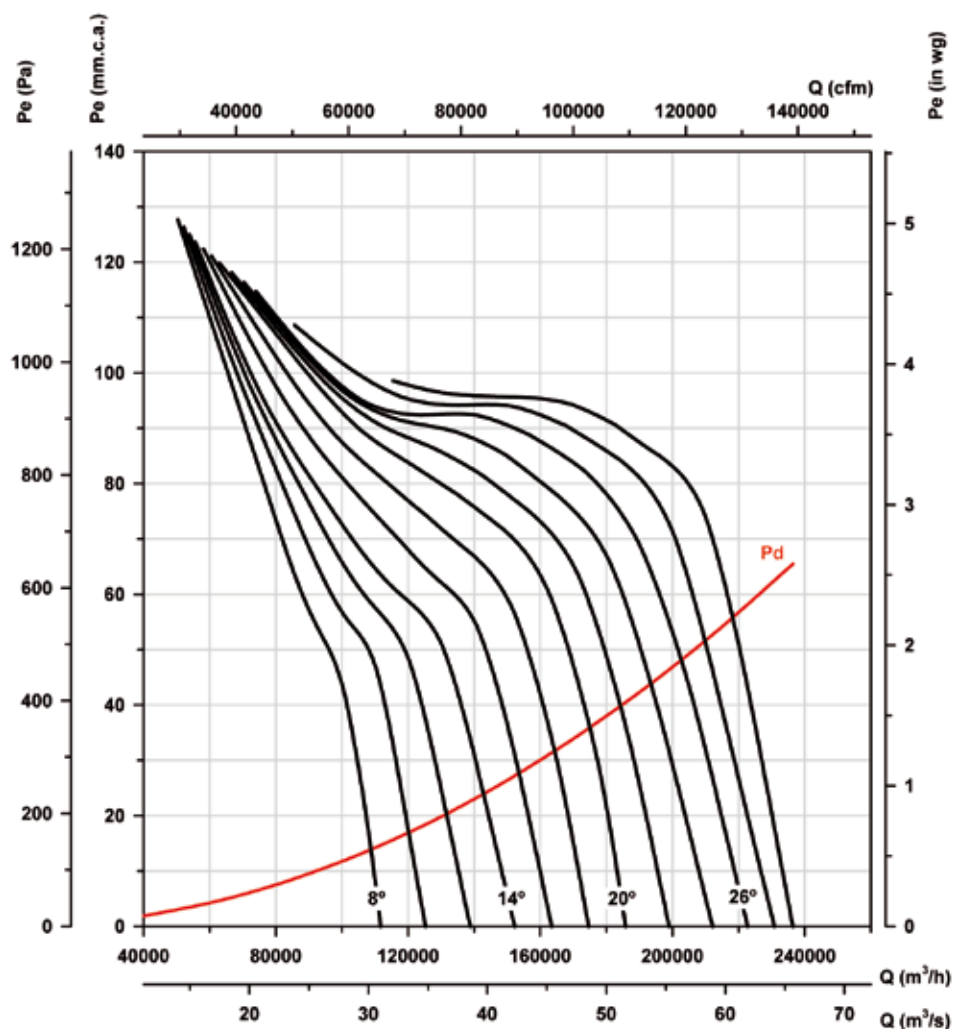
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

Number of poles: 6

Number of blades: 9



Characteristic curves

THT

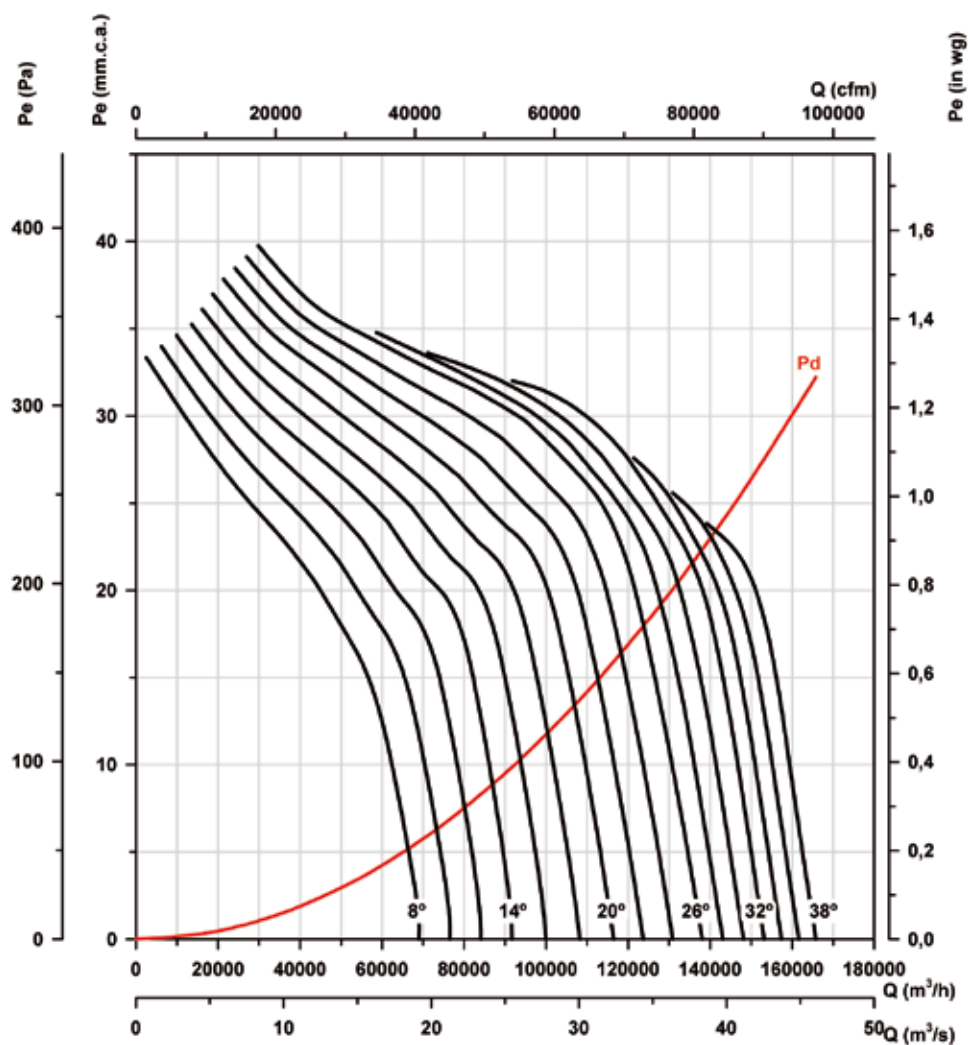
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

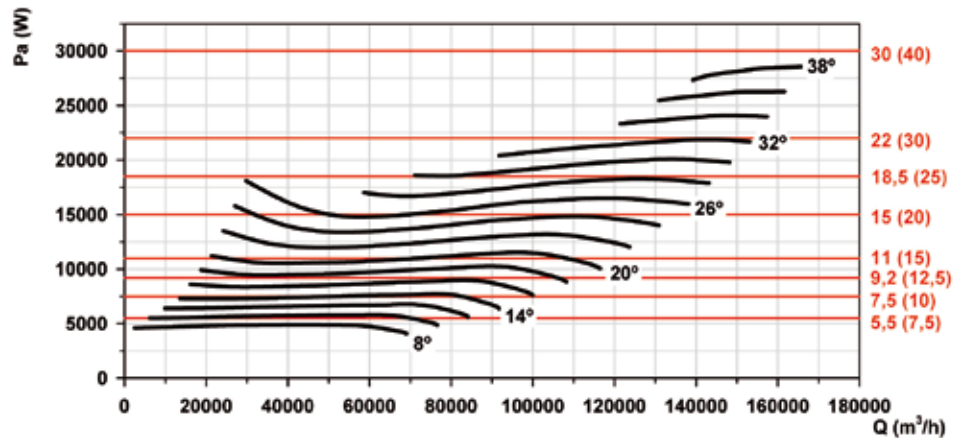
Number of poles: 8

Number of blades: 3



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

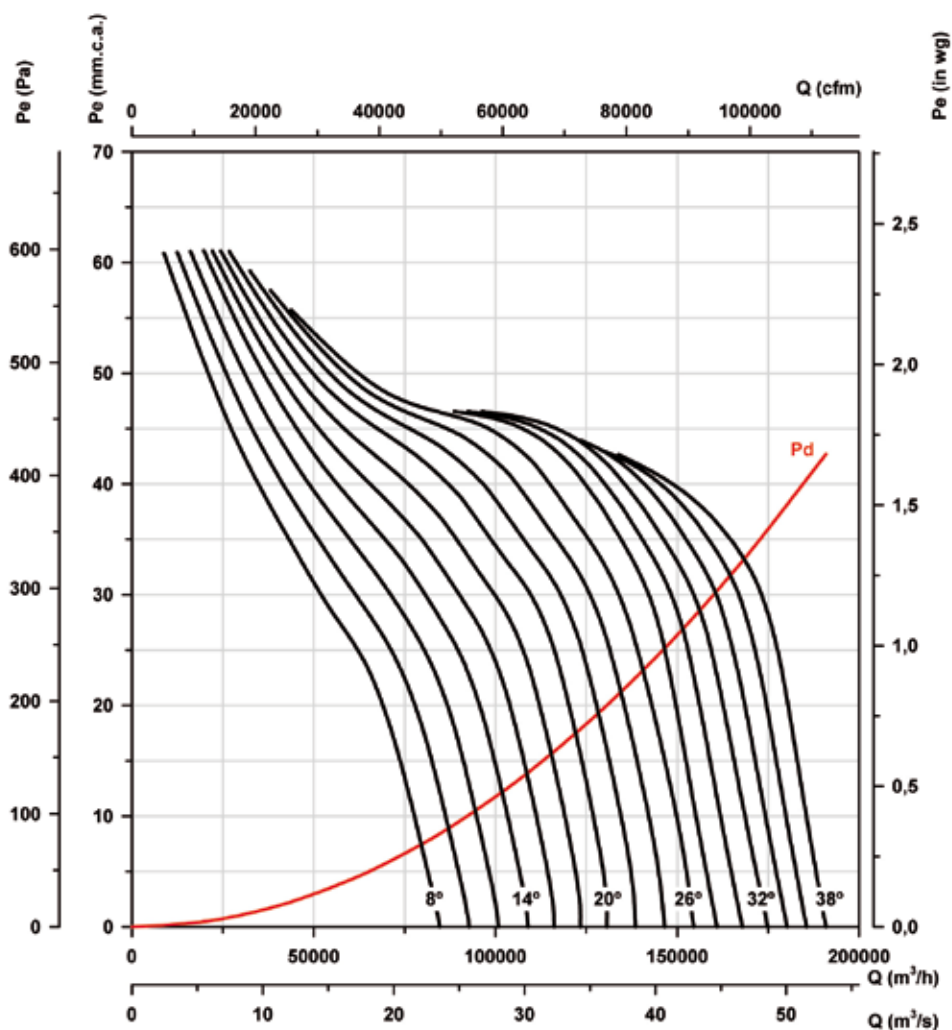
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

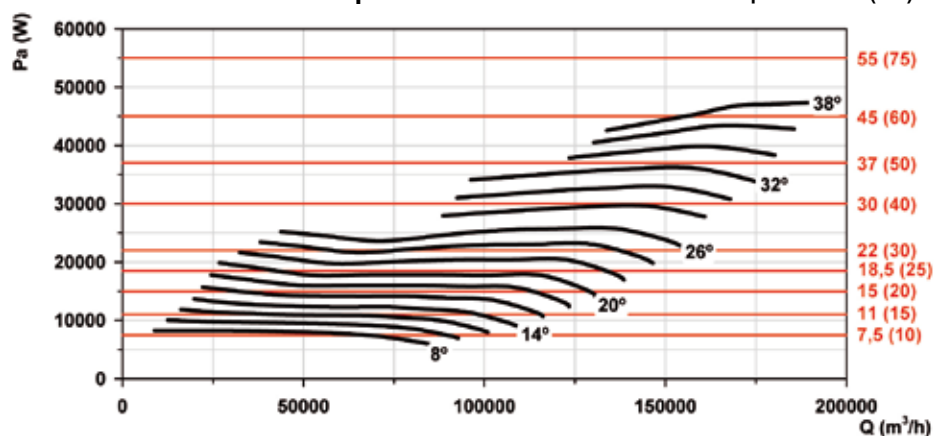
Number of poles: 8

Number of blades: 6



Absorbed power

Recommended motor power kW (CV)



Characteristic curves

THT

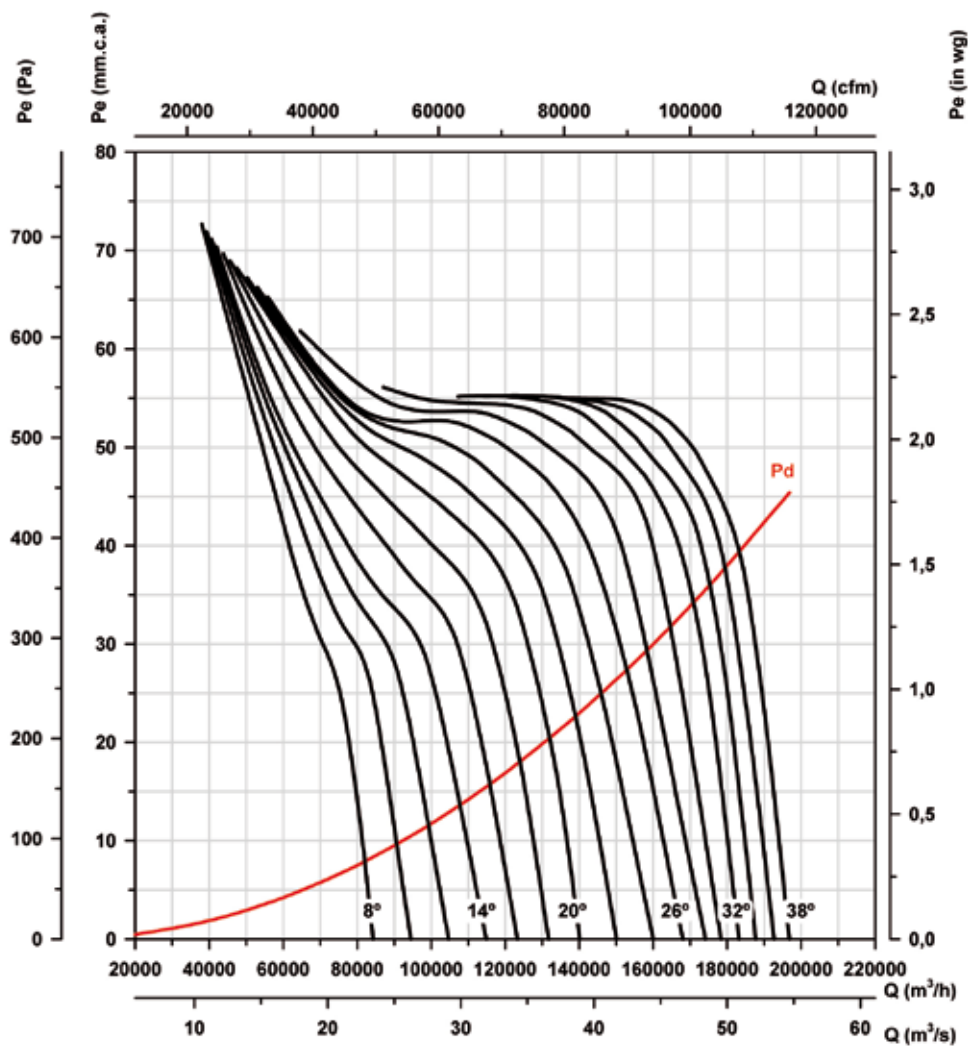
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160

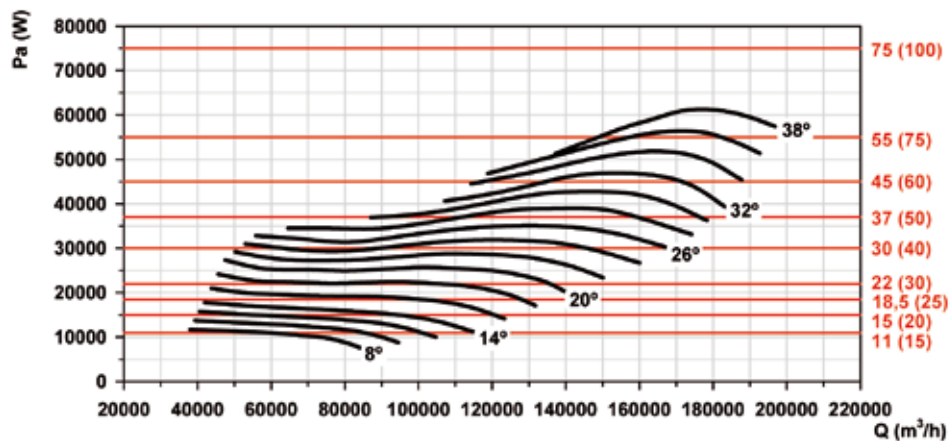
Number of poles: 8

Number of blades: 9



Absorbed power

Recommended motor power kW (CV)



THT/IMP

400°C/2h, 300°C/1h and 200°C/2h single-direction or reversible long-range impulsion fans

200°C/2h, 300°C/1h and 400°C/2h single-direction or reversible long-range impulsion fans with circular, (THT/IMP-C), octagonal (THT/IMP-L) or painted octagonal (THT/IMP-O) design

Fan:

- Single-direction or reversible ventilation unit consisting of a fan, silencers, deflectors and brackets, certified for smoke extraction in accordance with standard EN-12101-3-2002, certification no. 0370-CPD-0394
- Turnable impellers cast aluminium designed for optimum thrust.
- Protection guard against contacts, in accordance with standard UNE 100250, in single-direction models
- Deflector to increase airflow range, on the impeller side. Reversible models are fitted with deflectors on both sides.
- Highly effective silencers with thermal and acoustic insulation
- Safety switch, IAT series, supplied built-in to the fan (THT/IMP-L and THT/IMP-O) or on request (THT/IMP-C)
- Airflow direction from motor to impeller or 100% reversible
- THT/IMP-C: Steel sheet circular casing
- THT/IMP-L: Galvanized sheet steel casing
- THT/IMP-O: Painted sheet casing
- THT/IMP-LS: Casing with reduced length



Deflector to increase range



THT/IMP-C



THT/IMP-O



THT/IMP-L

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings and IP55 protection, 2-speed
- DHALANDER 380V-60 Hz three-phase
- Max. air temperature to transport: S1 Service -20°C+ 40°C for ongoing use, S2 Service 200°C/2h, 300°C/2h, 400°C/2h

Finish:

- Anticorrosive in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment (THT/IMP-C, THT/IMP-O) or anticorrosive galvanized sheet steel (THT/IMP-L)

On request:

- Different thrust performance from that indicated.

Order code

THT/IMP	O	UNI	38	2/4T	1,5	F-400	60Hz
THT/IMP: Long-distance impulse fans	Design C: Circular casing O: Painted casing L: Galvanized sheet casing LS: Casing casing	Airflow direction UNI: Unidirectional REV: Reversible	Impeller diameter in cm.	Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz	T=Three-phase Power motor (CV.)	F-200: Officially approved 200°C/2h F-300: Officially approved 300°C/1h F-400: Officially approved 400°C/2h	

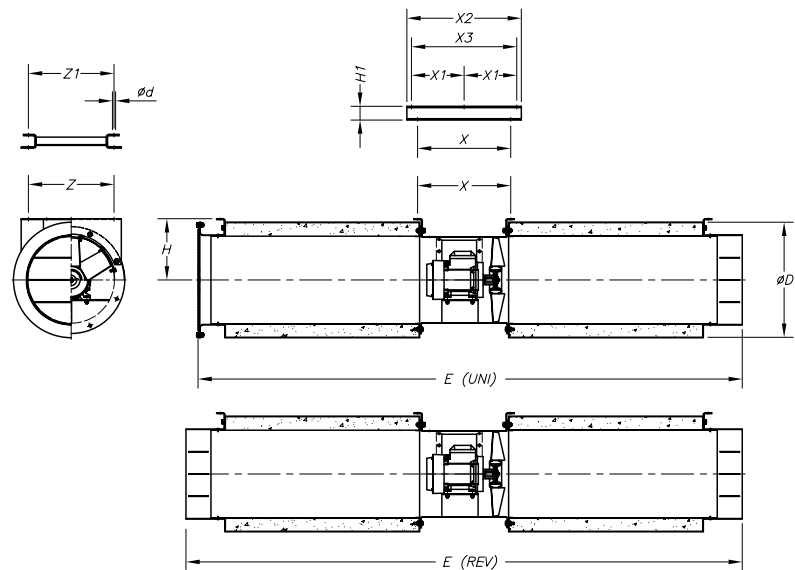
Technical characteristics

Model	Speed (r/min)	Maximum current 380V (A)	Airflow (m³/h)	Thrust (N)	Speed Impulsion (m/s)	Installed power (kW)	Sound pressure at 10m dB(A)	Approx. weight (Kg)
Single-direction								
THT/IMP-C-UNI-31-2/4T	3432/ 1716	1.5/ 0.55	4260 / 2130	21/ 5	15.6 / 7.8	0.55 / 0.15	51/ 36	65
THT/IMP-C-UNI-35-2/4T	3450/ 1716	2.1/ 0.8	6360 / 3180	36/ 9	17.8 / 8.9	0.85 / 0.2	52/ 37	70
THT/IMP-C-UNI-38-2/4T-1.5	3480/ 1740	2.9/ 1.1	8450 / 4225	57/ 15	20.7 / 10.3	1.1 / 0.25	47/ 32	89
THT/IMP-C-UNI-40-2/4T-1.5	3480/ 1740	2.9/ 1.1	9250 / 4625	60/ 15	20.4 / 10.2	1.1 / 0.25	53/ 38	98
THT/IMP-C-UNI-45-2/4T-2	3528/ 1752	4.4/ 1.4	10800 / 5400	62/ 15	18.1 / 9	1.5 / 0.37	57/ 42	132
THT/IMP-C-UNI-45-2/4T-3	3516/ 1740	5.7/ 1.8	13200 / 6600	92/ 23	22.1 / 11	2.2 / 0.6	58/ 43	133
THT/IMP-C-UNI-50-2/4T-6	3516/ 1740	10/ 3.2	19700 / 9850	165/ 41	26.4 / 13.2	4.5 / 1.3	60/ 45	220
THT/IMP-O-UNI-29-2/4T	3432/ 1716	1.5/ 0.55	4000 / 2000	21/ 5	16.8 / 8.4	0.55 / 0.15	37/ 22	69
THT/IMP-O-UNI-35-2/4T	3450/ 1716	2.1/ 0.8	6360 / 3180	36/ 9	17.8 / 8.9	0.85 / 0.2	52/ 37	70
THT/IMP-L-UNI-29-2/4T	3432/ 1716	1.5/ 0.55	4000 / 2000	21/ 5	16.8 / 8.4	0.55 / 0.15	37/ 22	69
THT/IMP-LS-UNI-29-2/4T	3432/ 1716	1.5/ 0.55	4000 / 2000	21/ 5	16.8 / 8.4	0.55 / 0.15	39/ 24	55
THT/IMP-L-UNI-35-2/4T	3450/ 1716	2.1/ 0.8	6360 / 3180	36/ 9	17.8 / 8.9	0.85 / 0.2	52/ 37	70
THT/IMP-LS-UNI-35-2/4T	3450/ 1716	2.1/ 0.8	6360 / 3180	36/ 9	17.8 / 8.9	0.85 / 0.2	54/ 39	56

Reversible

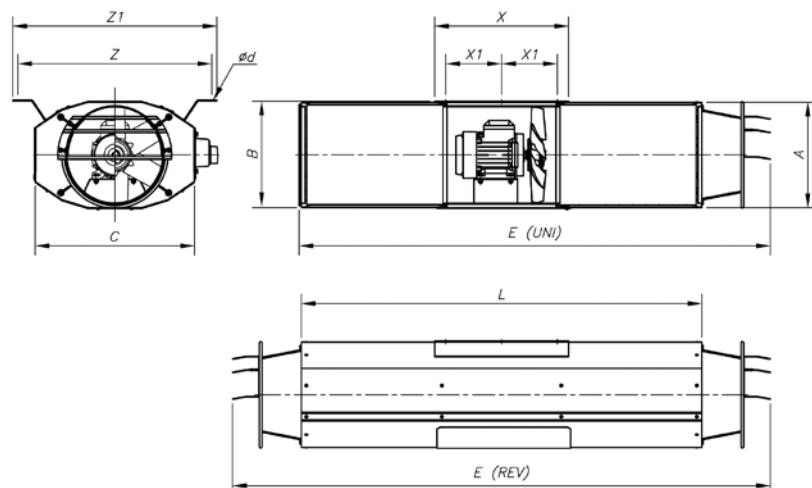
THT/IMP-C-REV-31-2/4T	3432/ 1716	1.5/ 0.55	3840 / 1920	17/ 4	14.1 / 7	0.55 / 0.15	50/ 35	63
THT/IMP-C-REV-35-2/4T	3450/ 1716	2.1/ 0.8	5940 / 2970	31/ 8	16.7 / 8.3	0.85 / 0.2	51/ 36	70
THT/IMP-C-REV-38-2/4T-2	3528/ 1752	4.4/ 1.4	8200 / 4100	54/ 14	20.1 / 10	1.5 / 0.37	49/ 34	91
THT/IMP-C-REV-40-2/4T-2	3528/ 1752	4.4/ 1.4	9250 / 4625	60/ 15	20.4 / 10.2	1.5 / 0.37	52/ 37	100
THT/IMP-C-REV-45-2/4T-2	3528/ 1752	4.4/ 1.4	10300 / 5150	56/ 14	17.2 / 8.6	1.5 / 0.37	56/ 41	131
THT/IMP-C-REV-45-2/4T-3	3516/ 1740	5.7/ 1.8	12800 / 6400	87/ 22	21.4 / 10.7	2.2 / 0.6	57/ 42	133
THT/IMP-C-REV-50-2/4T-6	3516/ 1740	10/ 3.2	19000 / 9500	153/ 38	25.4 / 12.7	4.5 / 1.3	60/ 45	267
THT/IMP-O-REV-29-2/4T	3432/ 1716	1.5/ 0.55	3400 / 1700	15/ 4	14.3 / 7.1	0.55 / 0.15	38/ 23	67
THT/IMP-O-REV-35-2/4T	3450/ 1716	2.1/ 0.8	5940 / 2970	31/ 8	16.7 / 8.3	0.85 / 0.2	51/ 36	70
THT/IMP-L-REV-29-2/4T	3432/ 1716	1.5/ 0.55	3400 / 1700	15/ 4	14.3 / 7.1	0.55 / 0.15	38/ 23	67
THT/IMP-LS-REV-29-2/4T	3432/ 1716	1.5/ 0.55	3400 / 1700	15/ 4	14.3 / 7.1	0.55 / 0.15	40/ 25	55
THT/IMP-L-REV-35-2/4T	3450/ 1716	2.1/ 0.8	5940 / 2970	31/ 8	16.7 / 8.3	0.85 / 0.2	51/ 36	70
THT/IMP-LS-REV-35-2/4T	3450/ 1716	2.1/ 0.8	5940 / 2970	31/ 8	16.7 / 8.3	0.85 / 0.2	53/ 38	56



Dimensions in mm**C: Circular casing**

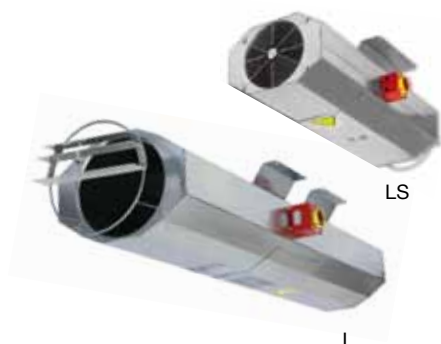
Model	ϕD	$\phi d1$	E (UNI)	E (REV)	H	H1	X	X1	X2	X3	Z	Z1
THT/IMP-C-31	415	10	1956	2000	220	-	345	-	-	-	275	-
THT/IMP-C-35	460	12	1960	2005	250	-	346	-	-	-	300	-
THT/IMP-C-38	415	12	2570	2620	225	-	-	-	600	530	-	517
THT/IMP-C-40	510	12	2485	2540	280	-	376	-	-	-	400	-
THT/IMP-C-45	630	12	2500	2554	355	-	396	-	-	-	440	-
THT/IMP-C-50	710	12	2895	2950	410	80	514	320	700	-	380	370

O: Painted casing
L: Galvanised sheet casing
LS: Limited casing

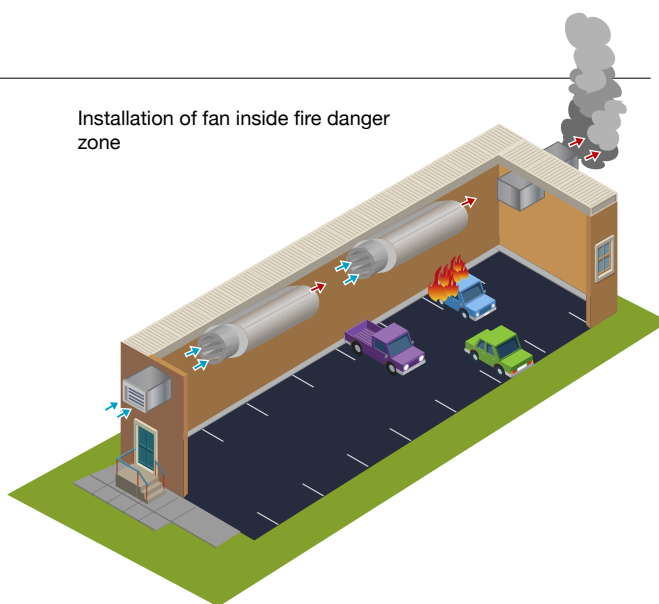


	A	B	C	ϕd	E (UNI)	E (REV)	L	X	X1	Z	Z1
THT/IMP-LS-29	319.5	324	479	12x26	1410	1610	1200	400	167	580	610
THT/IMP-L-29	319.5	324	479	12x26	2210	2410	2000	400	167	580	610
THT/IMP-O-29	319.5	324	479	12x26	2210	2410	2000	400	167	580	610
THT/IMP-LS-35	383	386	523	12x26	1410	1610	1200	400	167	614	644
THT/IMP-L-35	383	386	523	12x26	2210	2410	2000	400	167	614	644
THT/IMP-O-35	383	386	523	12x26	2210	2410	2000	400	167	614	644

Application in garages



Installation of fan inside fire danger zone



Accessories

See accessories section



CI

Centrifugal long-range induction and impulsion fans 300°C/1h, for working within the fire danger zone, with low profile



Centrifugal long-range induction and impulsion fans 300°C/1h, for working within the fire danger zone, with low profile

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from robust sheet steel
- Outside connecting box.
- Fixing stand included
- Approval according to Standard EN-12101-3-2002



Outside connecting box.



Fixing stand

Motor:

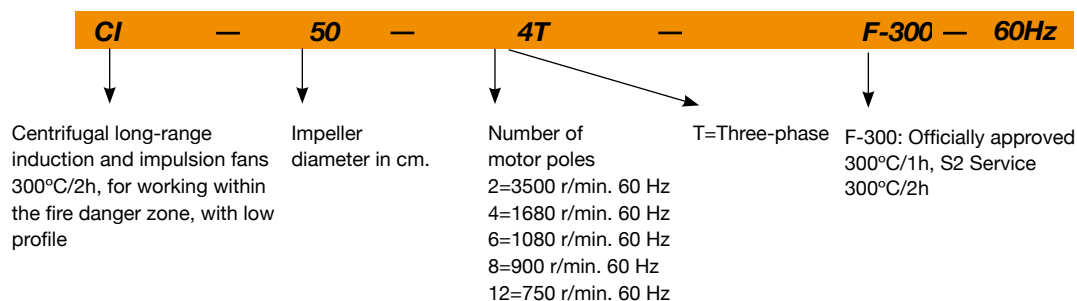
- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model Three-phase 230/400V.50Hz.
- Three-phase 220/380V. 60Hz (up to 4CV.) and 380/660V. 60Hz.(power over 4CV)

- Max. air temperature to transport: S1 Service -20°C+ 40°C for ongoing use, S2 Service 300°C/2h

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

Order code

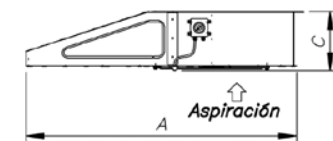
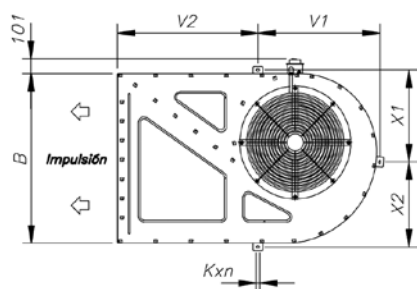


60Hz

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Airflow (m³/h)	Thrust (N)	Impulsion speed (m/s)	Installed power (kW)	LpA sound pressure at 1m dB(A)	Approx. weight (Kg)
		220V	380V	660V						
CI-50-4T/A	1686	4.79	2.77		6860	50	21.9	1.20	78	80
CI-50-4/8T/A	1716 / 846		3.07 / 1.36		6860 / 3430	50 / 13	21.9 / 10.9	1.20 / 0.30	78 / 63	79
CI-75-4T	1704	7.98	4.61		9350	75	24.1	2.20	85	120
CI-75-4/8T	1716 / 840		4.84 / 2		9350 / 4675	75 / 19	24.1 / 12.1	2.20 / 0.55	85 / 70	120
CI-100-4T	1716		7.62	4.4	11950	100	25	4.00	89	221
CI-100-4/8T	1716 / 852		8.8 / 2.75		11950 / 5975	100 / 25	25 / 12.5	4.00 / 1.00	89 / 74	217

Dimensions in mm



Model	A	B	C	V2	V1	X1	X2	Kxn
CI-50/A	1275.5	956	282.5	575	727	504	504	12x26
CI-75	1377	1065.5	351	620.5	783	557.5	559.5	12x26
CI-100	1800	1161	389	975	846	627.5	581	12x26

Accessories

See accessories section



HTMF

Multifunctional 400°C/2h and 300°C/1h ceiling fans

Multifunctional 400°C/2h ceiling fans to work inside fire danger zones, designed to smoke extraction in industrial or similar buildings.

Fan:

- Sheet steel base plate.
- Turnable impellers cast aluminium.
- Protection guard, meets UNE 100250 standard
- Sheet steel hood with natural outlet air. Approval according to Standard EN-12101-3-2002



Hood with natural outlet air due to differential pressure

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- Three-phase 220/380V. 60Hz (up to 4CV.) and 380/660V. 60Hz. (power over 4CV.)
- Max. air temperature to transport: S1 Service -20°C+ 40°C for ongoing use, S2 Service 300°C/2h, 400°C/2h

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Fans with 200°C/2h one- or two-speed motor

Order code

HTMF	56	4T	2	F-400	60Hz
HTMF: Multifunctional 400°C/2h and 300°C/1h ceiling fans	Impeller diameter in cm.	Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz	T=Three-phase Power motor (CV.)	F-300: Officially approved 300°C/1h F-400: Officially approved 400°C/2h	

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure (1) level dB(A)		Approx. weight (Kg)
		220V	380V	660V			Inlet	Outlet	
HTMF-56-4T-1	1716	3.5	2		0.75	10545	62	59	79
HTMF-56-4T-1.5	1716	4.8	2.8		1.1	11400	63	60	79
HTMF-56-4/8T-1.5	1728 / 852		2.9 / 1.4		1.1 / 0.25	11400 / 5700	63 / 48	60 / 45	79
HTMF-56-6T-0.75	1152	4.1	2.4		0.55	8170	51	49	80
HTMF-63-4T-1.5	1716	4.8	2.8		1.1	13870	65	62	94
HTMF-63-4/8T-1.5	1728 / 852		2.9 / 1.4		1.1 / 0.25	13870 / 6935	65 / 50	62 / 47	94
HTMF-63-4T-2	1704	6.2	3.6		1.5	15485	66	63	96
HTMF-63-4/8T-2	1698 / 858		3.6 / 1.5		1.5 / 0.3	15485 / 7742.5	66 / 51	63 / 48	106
HTMF-63-4T-3	1716	9	5.2		2.2	17955	67	64	108
HTMF-63-4/8T-3	1698 / 858		5.2 / 1.9		2.2 / 0.45	17955 / 8977.5	67 / 52	64 / 49	112
HTMF-63-6T-0.75	1152	4.1	2.4		0.55	10260	56	54	95
HTMF-63-6T-1	1140	4.7	2.7		0.75	11305	57	55	95
HTMF-71-4T-2	1704	6.2	3.6		1.5	16150	69	66	109
HTMF-71-4/8T-2	1698 / 858		3.6 / 1.5		1.5 / 0.3	16150 / 8075	69 / 54	66 / 51	119
HTMF-71-4T-3	1716	9	5.2		2.2	18430	71	68	122
HTMF-71-4/8T-3	1698 / 858		5.2 / 1.9		2.2 / 0.45	18430 / 9215	71 / 56	68 / 53	125
HTMF-71-4T-4	1716	11.8	6.8		3	22610	72	69	133
HTMF-71-4/8T-4	1710 / 852		6.8 / 2.2		3 / 0.6	22610 / 11305	72 / 57	69 / 54	135
HTMF-71-6T-1	1140	4.7	2.7		0.75	13205	58	56	109

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure (1) level dB(A)		Approx. weight (Kg)
		220V	380V	660V			Inlet	Outlet	
HTMF-71-6T-1.5	1146	5.9	3.4		1.1	16245	59	57	116
HTMF-80-4T-4	1716	11.8	6.8		3	27600	73	70	163
HTMF-80-4/8T-4	1710 / 852		6.8 / 2.2		3 / 0.6	27600 / 13800	73 / 58	70 / 55	165
HTMF-80-4T-5.5	1722		8.4	4.8	4	30176	74	71	163
HTMF-80-4/8T-5.5	1746 / 870		9.3 / 3.4		4 / 0.8	30176 / 15088	74 / 59	71 / 56	195
HTMF-80-6T-1.5	1146	5.9	3.4		1.1	19412	62	60	145
HTMF-80-6T-2	1140	6.7	3.9		1.5	22172	63	61	148
HTMF-80-6T-3	1122	9.5	5.5		2.2	24932	64	62	160
HTMF-80-8T-1	852	4.8	2.8		0.75	16376	61	60	151
HTMF-90-4T-5.5	1722		8.4	4.8	4	35052	79	76	208
HTMF-90-4/8T-5.5	1746 / 870		9.3 / 3.4		4 / 0.8	35052 / 17526	79 / 64	76 / 61	238
HTMF-90-4T-7.5	1752		12.6	7.3	5.5	38456	81	78	240
HTMF-90-4/8T-7.5	1746 / 870		12.8 / 4.6		5.5 / 1.1	38456 / 19228	81 / 66	78 / 63	243
HTMF-90-4T-10	1752		17.7	10.2	7.5	41308	82	79	244
HTMF-90-4/8T-9	1746 / 870		15.6 / 6.3		6.7 / 1.5	41308 / 20654	82 / 67	79 / 64	243
HTMF-90-6T-3	1122	9.5	5.5		2.2	29256	68	66	205
HTMF-90-6/12T-3	1170 / 540		6.3 / 2.2		2.2 / 0.37	29256 / 14628	68 / 53	66 / 51	245
HTMF-90-6T-4	1164	13.5	7.8		3	32016	69	67	235
HTMF-90-6/12T-4	1170 / 540		8.4 / 2.5		3 / 0.4	32016 / 16008	69 / 54	67 / 52	245
HTMF-90-8T-1	852	4.8	2.8		0.75	17020	61	60	196
HTMF-90-8T-2	846	8	4.6		1.5	19596	63	62	208
HTMF-100-4T-7.5	1752		12.6	7.3	5.5	40756	84	81	265
HTMF-100-4/8T-7.5	1746 / 870		12.8 / 4.6		5.5 / 1.1	40756 / 20378	84 / 69	81 / 66	269
HTMF-100-4T-10	1752		17.7	10.2	7.5	47564	85	82	269
HTMF-100-4/8T-9	1746 / 870		15.6 / 6.3		6.7 / 1.5	44528 / 22264	84 / 69	81 / 66	269
HTMF-100-4T-15	1752		22	12.7	11	51336	86	83	332
HTMF-100-4/8T-14	1746 / 876		20 / 7		10 / 2	48300 / 24150	85 / 70	82 / 67	301
HTMF-100-6T-3	1122	9.5	5.5		2.2	32476	74	72	231
HTMF-100-6/12T-3	1170 / 540		6.3 / 2.2		2.2 / 0.37	32476 / 16238	74 / 59	72 / 57	271
HTMF-100-6T-4	1164	13.5	7.8		3	35420	75	73	260
HTMF-100-6/12T-4	1170 / 540		8.4 / 2.5		3 / 0.4	35420 / 17710	75 / 60	73 / 58	271
HTMF-100-6T-5.5	1164		11	6.4	4	40020	76	74	277
HTMF-100-6/12T-5.5	1170 / 540		10.5 / 5		4 / 0.8	40020 / 20010	76 / 61	74 / 59	289
HTMF-100-8T-3	846	10.4	6		2.2	26404	69	68	260
HTMF-100-8T-4	846	14	8.1		3	28704	70	69	270

(1) The sound level values are free field measurements of pressure in dB(A) at a distance of 6 m.

Acoustic features

☐ Values taken at inlet with maximum airflow. ☐ Values taken at outlet with maximum airflow.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
56-4-1	46	67	74	79	82	78	71	60	71-4-2	50	71	78	83	86	82	75	64
56-4-1	43	64	71	76	79	75	68	57	71-4-3	55	76	83	88	91	87	80	69
56-4-1,5	47	68	75	80	83	79	72	61	71-4-3	52	73	80	85	88	84	77	66
56-4-1,5	44	65	72	77	80	76	69	58	71-4-4	56	77	84	89	92	88	81	70
56-6	35	56	63	68	71	67	60	49	71-4-4	53	74	81	86	89	85	78	67
56-6	33	54	61	66	69	65	58	47	71-6-1	42	63	70	75	78	74	67	56
56-8	32	53	60	65	68	64	57	46	71-6-1	40	61	68	73	76	72	65	54
56-8	29	50	57	62	65	61	54	43	71-6-1,5	43	64	71	76	79	75	68	57
63-4-1,5	49	70	77	82	85	81	74	63	71-6-1,5	41	62	69	74	77	73	66	55
63-4-1,5	46	67	74	79	82	78	71	60	71-8-2	38	59	66	71	74	70	63	52
63-4-2	50	71	78	83	86	82	75	64	71-8-2	35	56	63	68	71	67	60	49
63-4-2	47	68	75	80	83	79	72	61	71-8-3	40	61	68	73	76	72	65	54
63-4-3	51	72	79	84	87	83	76	65	71-8-3	37	58	65	70	73	69	62	51
63-4-3	48	69	76	81	84	80	73	62	71-8-4	41	62	69	74	77	73	66	55
63-6-0,75	40	61	68	73	76	72	65	54	71-8-4	38	59	66	71	74	70	63	52
63-6-0,75	38	59	66	71	74	70	63	52	80-4-4	57	78	85	90	93	89	82	71
63-6-1	41	62	69	74	77	73	66	55	80-4-4	54	75	82	87	90	86	79	68
63-6-1	39	60	67	72	75	71	64	53	80-4-5,5	58	79	86	91	94	90	83	72
63-8-1,5	34	55	62	67	70	66	59	48	80-4-5,5	55	76	83	88	91	87	80	69
63-8-1,5	31	52	59	64	67	63	56	45	80-6-1,5	46	67	74	79	82	78	71	60
63-8-2	35	56	63	68	71	67	60	49	80-6-1,5	44	65	72	77	80	76	69	58
63-8-2	32	53	60	65	68	64	57	46	80-6-2	47	68	75	80	83	79	72	61
63-8-3	36	57	64	69	72	68	61	50	80-6-2	45	66	73	78	81	77	70	59
63-8-3	33	54	61	66	69	65	58	47	80-6-3	48	69	76	81	84	80	73	62
71-4-2	53	74	81	86	89	85	78	67	80-6-3	46	67	74	79	82	78	71	60

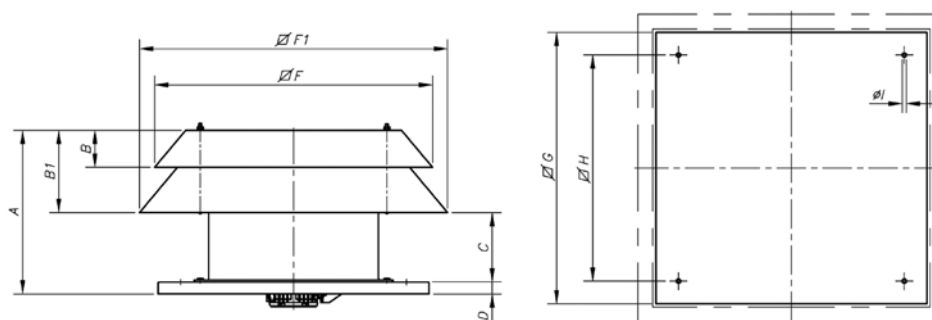
Acoustic features

☐ Values taken at inlet with maximum airflow. ☐ Values taken at outlet with maximum airflow.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
80-8-1	45	66	73	78	81	77	70	59	100-4-7,5	68	89	96	101	104	100	93	82
80-8-1	44	65	72	77	80	76	69	58	100-4-7,5	65	86	93	98	101	97	90	79
80-8-4	42	63	70	75	78	74	67	56	100-4-9	68	89	96	101	104	100	93	82
80-8-4	39	60	67	72	75	71	64	53	100-4-9	65	86	93	98	101	97	90	79
80-8-5,5	43	64	71	76	79	75	68	57	100-4-10	69	90	97	102	105	101	94	83
80-8-5,5	40	61	68	73	76	72	65	54	100-4-10	66	87	94	99	102	98	91	80
90-4-5,5	63	84	91	96	99	95	88	77	100-4-14	69	90	97	102	105	101	94	83
90-4-5,5	60	81	88	93	96	92	85	74	100-4-14	66	87	94	99	102	98	91	80
90-4-7,5	65	86	93	98	101	97	90	79	100-4-15	70	91	98	103	106	102	95	84
90-4-7,5	62	83	90	95	98	94	87	76	100-4-15	67	88	95	100	103	99	92	81
90-4-9	66	87	94	99	102	98	91	80	100-6-3	58	79	86	91	94	90	83	72
90-4-9	63	84	91	96	99	95	88	77	100-6-3	56	77	84	89	92	88	81	70
90-4-10	66	87	94	99	102	98	91	80	100-6-4	59	80	87	92	95	91	84	73
90-4-10	63	84	91	96	99	95	88	77	100-6-4	57	78	85	90	93	89	82	71
90-6-3	52	73	80	85	88	84	77	66	100-6-5,5	60	81	88	93	96	92	85	74
90-6-3	50	71	78	83	86	82	75	64	100-6-5,5	58	79	86	91	94	90	83	72
90-6-4	53	74	81	86	89	85	78	67	100-8-3	53	74	81	86	89	85	78	67
90-6-4	51	72	79	84	87	83	76	65	100-8-3	52	73	80	85	88	84	77	66
90-8-1	45	66	73	78	81	77	70	59	100-8-4	54	75	82	87	90	86	79	68
90-8-1	44	65	72	77	80	76	69	58	100-8-4	53	74	81	86	89	85	78	67
90-8-2	47	68	75	80	83	79	72	61	100-8-7,5	53	74	81	86	89	85	78	67
90-8-2	46	67	74	79	82	78	71	60	100-8-7,5	50	71	78	83	86	82	75	64
90-8-5,5	48	69	76	81	84	80	73	62	100-8-9	53	74	81	86	89	85	78	67
90-8-5,5	45	66	73	78	81	77	70	59	100-8-9	50	71	78	83	86	82	75	64
90-8-7,5	50	71	78	83	86	82	75	64	100-8-14	54	75	82	87	90	86	79	68
90-8-7,5	47	68	75	80	83	79	72	61	100-8-14	51	72	79	84	87	83	76	65
90-8-9	51	72	79	84	87	83	76	65	100-12-3	43	64	71	76	79	75	68	57
90-8-9	48	69	76	81	84	80	73	62	100-12-3	41	62	69	74	77	73	66	55
90-12-3	37	58	65	70	73	69	62	51	100-12-4	44	65	72	77	80	76	69	58
90-12-3	35	56	63	68	71	67	60	49	100-12-4	42	63	70	75	78	74	67	56
90-12-4	38	59	66	71	74	70	63	52	100-12-5,5	45	66	73	78	81	77	70	59
90-12-4	36	57	64	69	72	68	61	50	100-12-5,5	43	64	71	76	79	75	68	57

Dimensions in mm

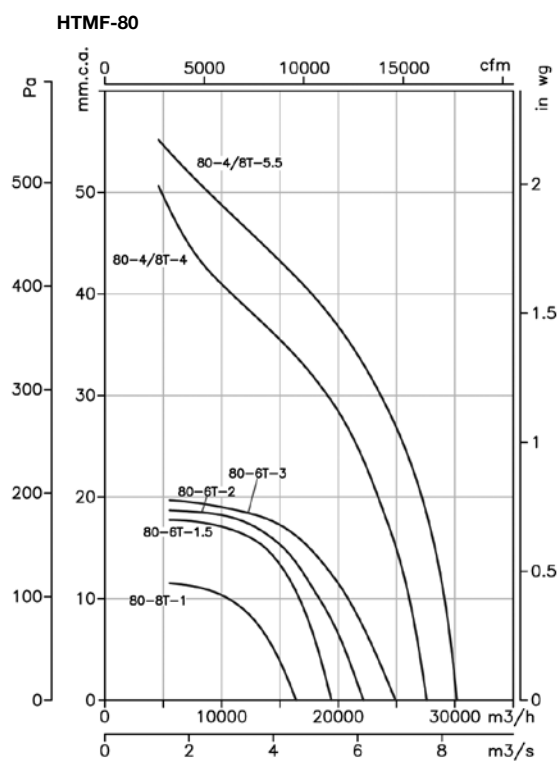
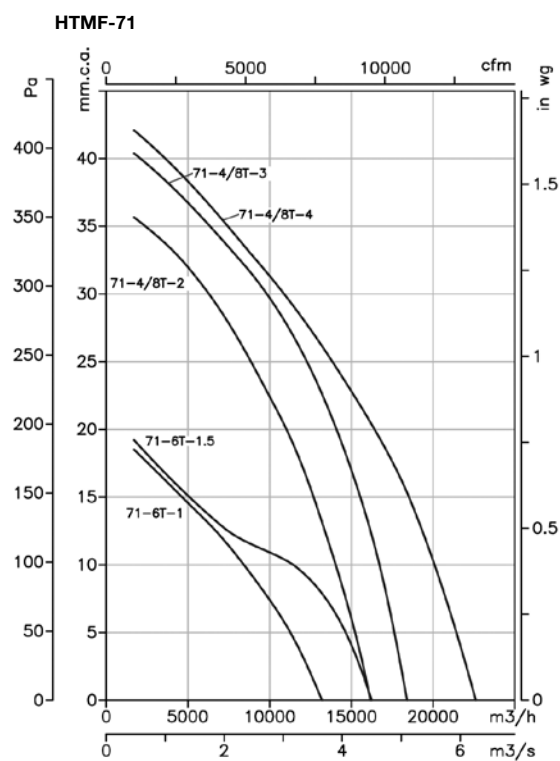
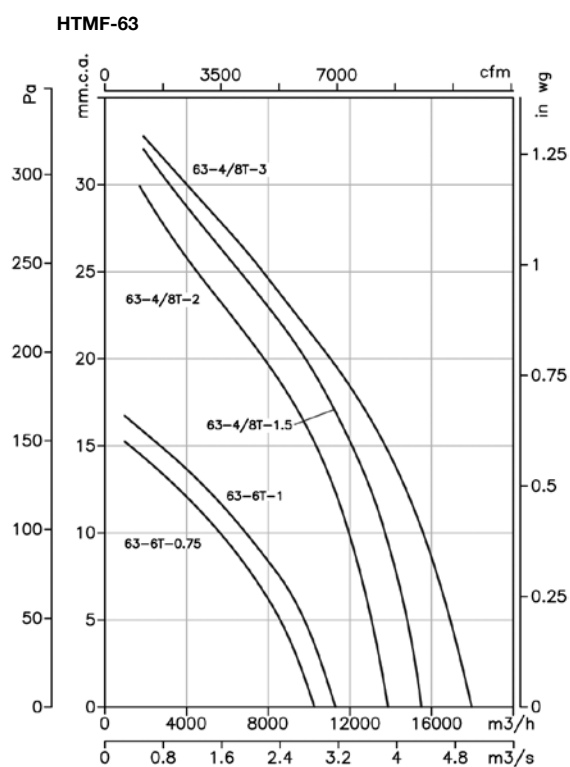
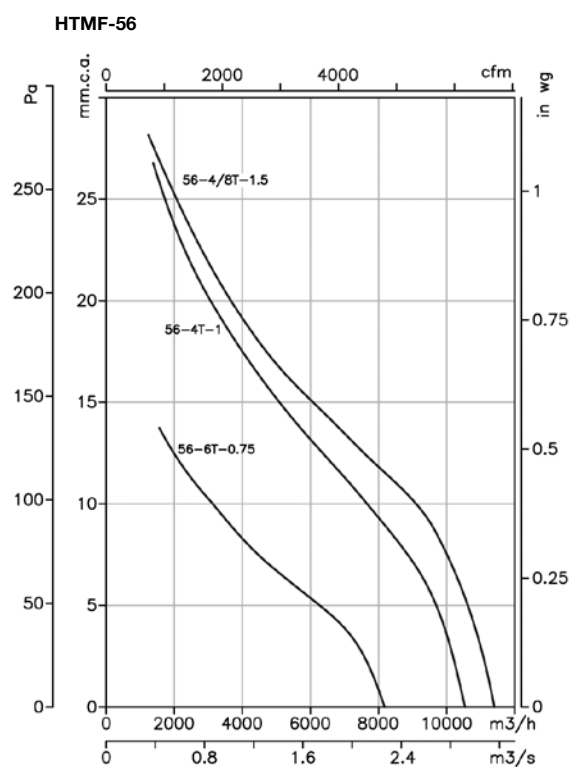


Model	A	B	B1	C	D	F	F1	G	H	ØI
HTMF-56	532	132	266	225	40	925	936	900	750	14
HTMF-63	577	141.5	311.5	225	40	1026	1058	1000	850	14
HTMF-71	661	156.5	351.5	270	40	1138	1180	1000	850	14
HTMF-80	721	176.5	401.5	270	50	1262	1313	1150	1000	14
HTMF-90	817	202	452	315	50	1425	1482	1150	1000	14
HTMF-100	957	212	492	415	50	1580	1642	1250	1100	14

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

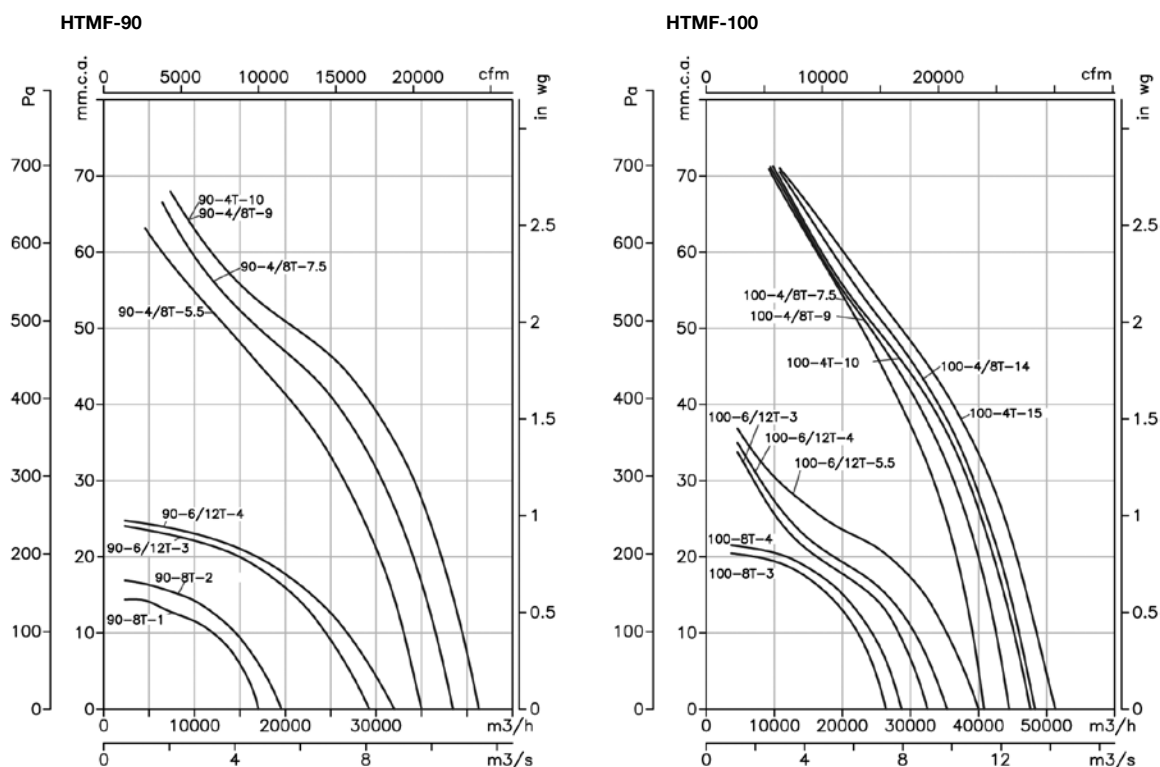
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

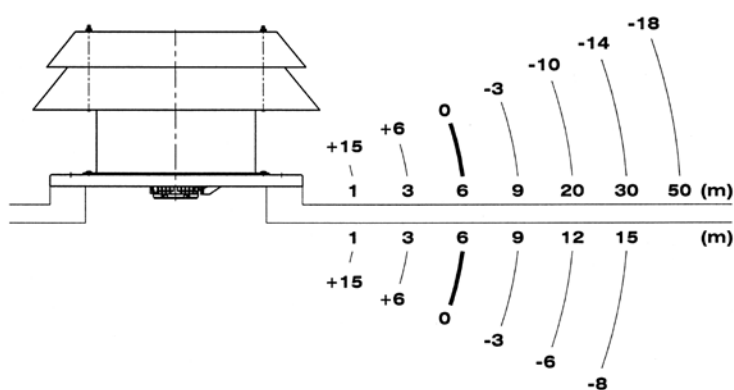
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Validation of the sound pressure according to distance

The sound level may vary depending on the roof structure.



Accessories

See accessories section, page 170.



CJBDT/CBDT

Double inlet and direct motor extraction units and centrifugal fans for working inside fire danger zones 400°C/2h and 300°C/1h, with possibility of single-phase motor



Double inlet and direct motor extraction units and centrifugal fans for working inside fire danger zones 400°C/2h, with possibility of single-phase motor

Fan:

- Galvanized sheet steel casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Outside connecting box.
- Anti-vibration dampers (CJBDT)
- Approval according to Standard EN 12101-3:2002



Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- 220V single-phase. 60HZ and three-phase 220/380V. 60HZ (up to 4CV.) and 380/660V. 60Hz.(power over 4CV.)
- Max. air temperature to transport: S1 Service -20°C + 60°C for ongoing use, S2 Service 300°C/2h, 400°C/2h

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Fans with circular inlet
- Fans with vertical outlet



Outside connecting box and base stands



Single-phase motors, 400°C/2h

Order code

CJBDT — 12/12 — 6M — 1 — F-400 — 60Hz

CJBDT: Double inlet and direct motor extraction units for working inside fire danger zones 400°C/2h and 300°C/1h, with possibility of single-phase motor

Impeller size

Number of motor poles
2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz
8=900 r/min. 60 Hz
12=750 r/min. 60 Hz

M= Single-phase
T=Three-phase
Power motor (CV.)

F-300: Officially approved 300°C/1h
F-400: Officially approved 400°C/2h

CBDT: Centrifugal double inlet and direct motor fans for working inside fire danger zones 400°C/2h and 300°C/1h, with possibility of single-phase motor

Technical characteristics

Model		Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)		Approx. weight (Kg)	
			220V	380V	660V			CJBDT	CBDT	CJBDT	CBDT
CJBDT-9/9-4T	CBDT-9/9-4T	1704	2.9	1.7		0.55	3000	64	66	44	24
CJBDT-9/9-4/8T	CBDT-9/9-4/8T	1728 / 852		1.76 / 0.76		0.55 / 0.15	3000 / 1750	64 / 51	66 / 53	45	25
CJBDT-9/9-4M	CBDT-9/9-4M	1692	4.1			0.55	3000	64	66	44	23
CJBDT-9/9-6T	CBDT-9/9-6T	1104	1.5	0.9		0.25	2100	60	61	42	22
CJBDT-9/9-6M	CBDT-9/9-6M	1080	2.2			0.25	2100	60	61	42	21
CJBDT-10/10-4T	CBDT-10/10-4T	1704	2.9	1.7		0.55	3450	67	68	49	26
CJBDT-10/10-4/8T	CBDT-10/10-4/8T	1728 / 852		1.76 / 0.76		0.55 / 0.15	3450 / 1750	67 / 54	68 / 55	50	27
CJBDT-10/10-4M	CBDT-10/10-4M	1692	4.1			0.55	3450	67	68	49	25
CJBDT-10/10-6T	CBDT-10/10-6T	1104	1.5	0.9		0.25	2250	63	64	47	24
CJBDT-10/10-6M	CBDT-10/10-6M	1080	2.2			0.25	2250	63	64	47	23
CJBDT-12/12-6T-1	CBDT-12/12-6T-1	1128	4.4	2.6		0.75	4800	64	65	69	37
CJBDT-12/12-6/12T-1	CBDT-12/12-6/12T-1	1122 / 516		2.5 / 1.03		0.75 / 0.15	4800 / 2600	64 / 52	65 / 53	72	41
CJBDT-12/12-6M-1	CBDT-12/12-6M-1	1104	5.8			0.75	4800	64	65	69	37
CJBDT-12/12-6T-1.5	CBDT-12/12-6T-1.5	1134	6.4	3.7		1.1	6200	65	67	71	39
CJBDT-12/12-6/12T-1.5	CBDT-12/12-6/12T-1.5	1128 / 540		3.3 / 1.2		1.1 / 0.18	6200 / 3250	65 / 53	67 / 55	75	44
CJBDT-12/12-6M-1.5	CBDT-12/12-6M-1.5	1104	8.4			1.1	6200	65	67	71	39
CJBDT-15/15-6T	CBDT-15/15-6T	1140	10.3	5.9		2.2	8250	67	68	110	68
CJBDT-15/15-6/12T	CBDT-15/15-6/12T	1128 / 564		5.6 / 2.2		2.2 / 0.37	8250 / 4600	67 / 54	68 / 55	116	74
CJBDT-18/18-6T	CBDT-18/18-6T	1164		11	6.35	4	11800	67	69	175	109
CJBDT-18/18-6/12T	CBDT-18/18-6/12T	1164 / 576		11.3 / 4.2		4 / 0.65	11800 / 6600	67 / 54	69 / 56	183	117
CJBDT-20/20-6T	CBDT-20/20-6T	1164		14		5.5	14300	68	70	247	151
CJBDT-20/20-6/12T	CBDT-20/20-6/12T	1164 / 576		13.7 / 5.6		5.5 / 1	14300 / 9700	68 / 55	70 / 57	255	159
CJBDT-22/22-6T	CBDT-22/22-6T	1152		18.4	10.6	7.5	18050	69	71	309	190
CJBDT-22/22-6/12T	CBDT-22/22-6/12T	1164 / 576		19 / 8		7.5 / 1.4	18050 / 11800	69 / 56	71 / 58	319	200

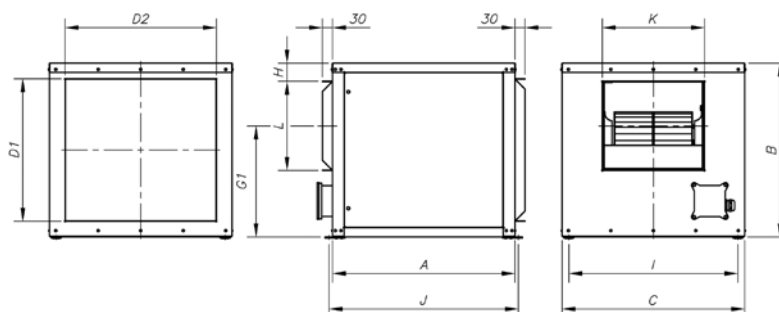
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

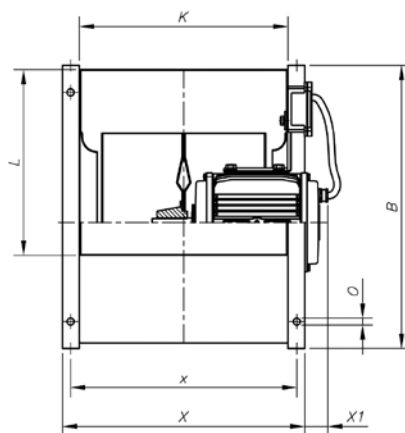
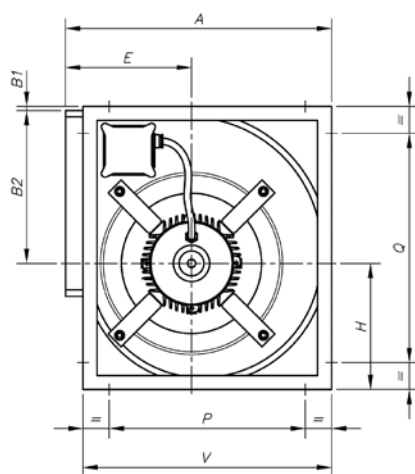
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

CBDT Model	63	125	250	500	1000	2000	4000	8000	CJBDT Model	63	125	250	500	1000	2000	4000	8000
9/9-4	46	56	64	68	73	72	69	61	9/9-4	51	66	70	69	68	65	65	55
9/9-6	43	54	59	66	67	67	62	56	9/9-6	47	62	66	65	64	61	61	51
9/9-8	34	45	51	57	60	59	55	48	9/9-8	44	51	57	57	54	50	53	48
10/10-4	48	58	66	70	75	74	71	63	10/10-4	54	69	73	72	71	68	68	58
10/10-6	46	57	62	69	70	70	65	59	10/10-6	50	65	69	68	67	64	64	54
10/10-8	36	47	53	59	62	61	57	50	10/10-8	47	54	60	60	57	53	56	51
12/12-6-1	47	58	63	70	71	71	66	60	12/12-6-1	51	66	70	69	68	65	65	55
12/12-6-1.5	49	60	65	72	73	73	68	62	12/12-6-1.5	52	67	71	70	69	66	66	56
12/12-12-1	34	45	51	57	60	59	55	48	12/12-12-1	45	52	58	58	55	51	54	49
12/12-12-1.5	46	53	59	59	56	52	55	50	12/12-12-1.5	46	53	59	59	56	52	55	50
15/15-6	63	72	74	76	71	70	64	55	15/15-6	63	72	74	76	71	70	64	55
15/15-12	51	54	63	60	58	60	60	48	15/15-12	51	54	63	60	58	60	60	48
18/18-6	64	74	76	78	73	72	66	57	18/18-6	64	74	76	78	73	72	66	57
18/18-12	53	56	65	62	60	62	62	50	18/18-12	53	56	65	62	60	62	62	50
20/20-6	67	77	79	80	76	74	69	60	20/20-6	67	77	79	80	76	74	69	60
20/20-12	55	59	68	65	63	65	64	53	20/20-12	55	59	68	65	63	65	64	53
22/22-6	69	79	81	83	78	77	71	62	22/22-6	69	79	81	83	78	77	71	62
22/22-12	58	61	70	67	65	67	67	55	22/22-12	58	61	70	67	65	67	67	55

Dimensions in mm

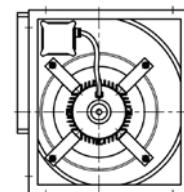


	A	B	C	D1	D2	G1	H	I	J	K	L
CJBDT-9/9	550	522	550	428	456	333.5	54.5	509	570	308	268
CJBDT-10/10	600	575	600	480	505	361.5	65.5	559	620	334	296
CJBDT-12/12	650	650	700	555	605	418	57.5	659	670	395	349
CJBDT-15/15	755	755	800	660	705	485	64	759	775	478	412
CJBDT-18/18	1000	900	1000	804	904	585	69.5	934	1041	550	491
CJBDT-20/20	1200	1175	1100	1070	1000	701	167.5	1040	1247	610	613
CJBDT-22/22	1280	1250	1250	1154	1154	739.5	158.8	1190	1327	664	704

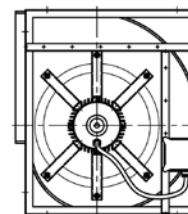


Location of terminal board:

CBDT-9/9
10/10
12/12
15/15

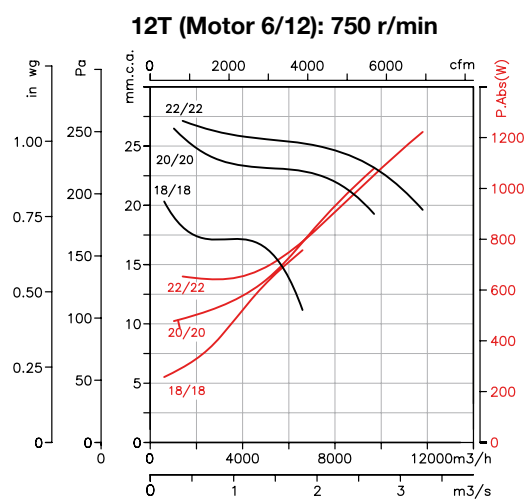
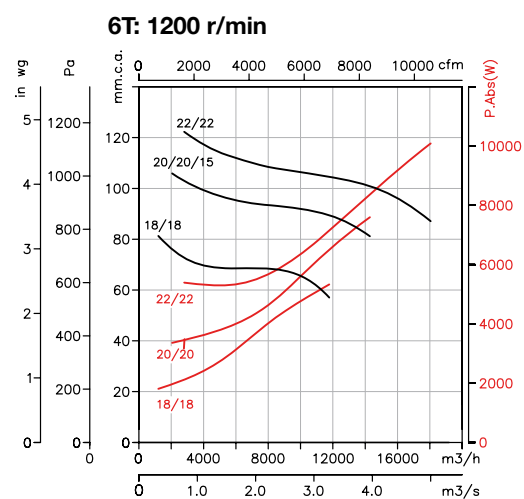
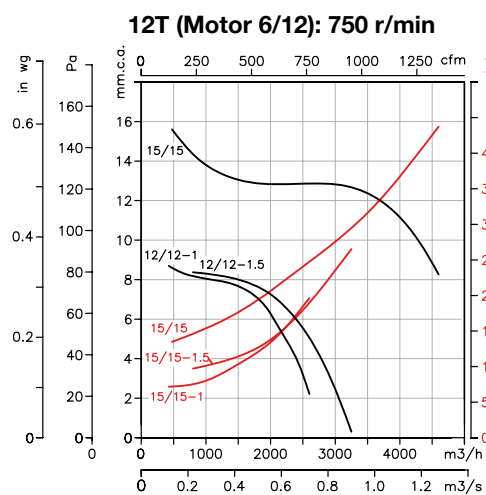
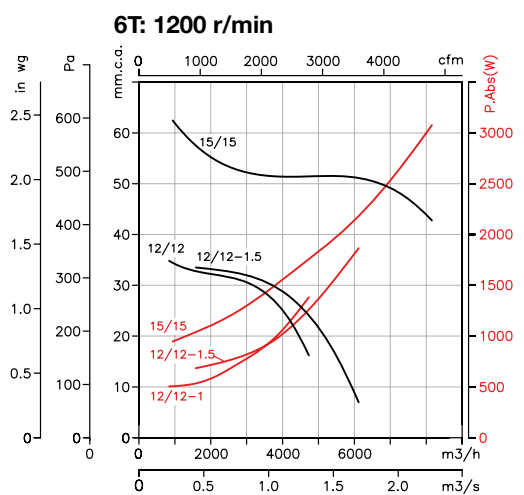
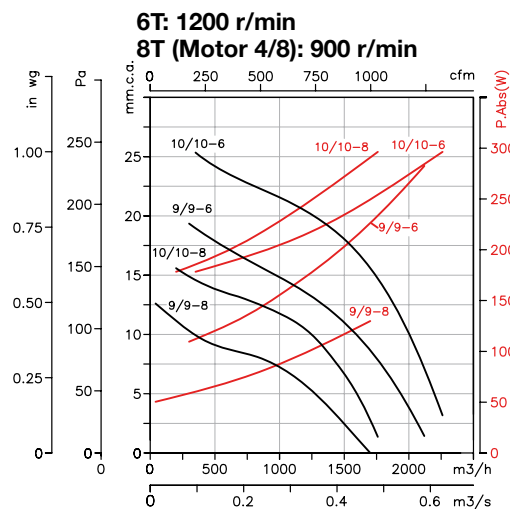
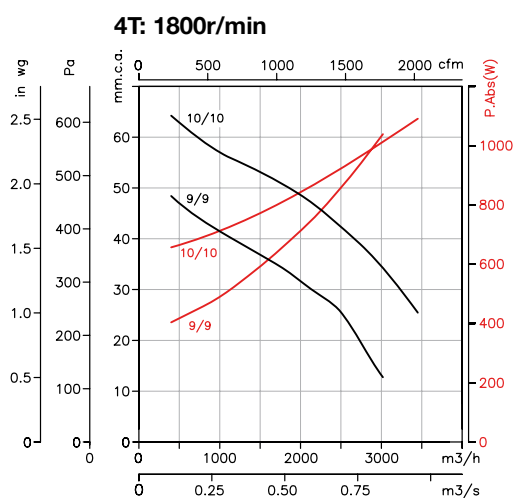


CBDT-18/18
20/20
22/22



	A	B	B1	B2	E	H	K	L	P	Q	V	X	X1	x	O
CBDT-9/9	390	402	1.5	218	183	181	300	263	280	280	358	360	49	332	9x17
CBDT-10/10	430	448	2	246	202	204	326	292	326	326	398	388	33	360	9x17
CBDT-12/12	501	534	4	290	230	239.5	387	342	384	384	470	448	57	420	9x17
CBDT-15/15	584	630	-	348	265	280	473	405	460	460	550	535	58	507	9x17
CBDT-18/18	694	756	4	415	323	336	540	482	553	608	665	600	85	570	9x17
CBDT-20/20	839	935	6	523	372	406	602	604	595	735	795	682	58	642	12
CBDT-22/22	907	1019	6	571	399	442	655	695	663	819	863	735	105	695	12

Characteristic curves



Accessories

See accessories section, page 170.



INT



IAT



C2V



AET



AR



CENTRAL CO



RFT



P-400



VIS



CABLE BOX

TCR

400°C/2h and 300°C/1h centrifugal fans with backward-curved impeller.



High-performance and robust backward-curved impeller.

Robust centrifugal medium-pressure single-inlet fans to work inside fire danger zones at 400°C/2h, fitted with impellers backward-curved blades.

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from robust sheet steel and heat-resistant paint
- Approval according to Standard EN-12101-3-2002

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings and IP55 protection
- Three-phase 220/380V. 60Hz (up to 4CV.) and 380/660V. 60Hz. (power over 4CV.)
- Max. air temperature to transport: S1 Service -20°C+ 120°C for ongoing use, S2 Service 300°C/2h, 400°C/2h

Finish:

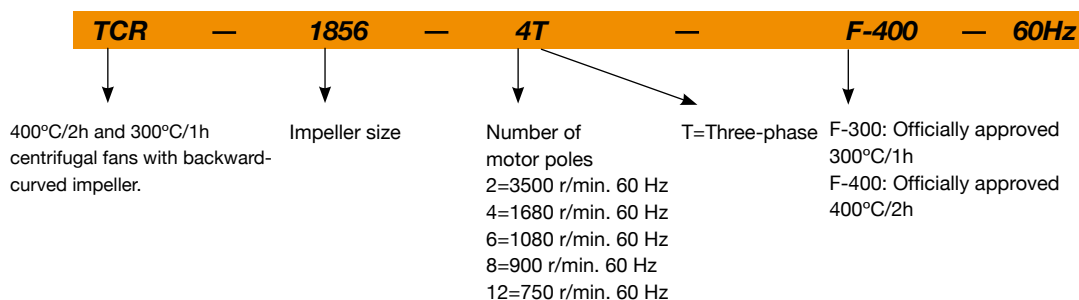
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Fans with 200°C/2h one- or two-speed motor



Order code



Positions

LG 270 standard supply



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
TCR-1240-4T	1704	3.7	2.1		0.75	5800	71	76
TCR-1445-4T	1704	4.7	2.7		1.1	8030	72	98
TCR-1650-4T	1710	6.6	3.8		1.5	10500	74	118
TCR-1650-6T	1128	4.4	2.6		0.75	7410	64	118
TCR-1856-4T	1716	11.4	6.6		3	15150	79	158
TCR-1856-6T	1134	6.4	3.7		1.1	10050	70	150
TCR-2063-4T	1752		13	7.5	5.5	24450	80	257
TCR-2063-6T	1134	7.4	4.3		1.5	16100	71	212
TCR-2271-4T	1752		22	12.7	11	34610	85	380
TCR-2271-6T	1164	14.6	8.4		3	22750	76	313

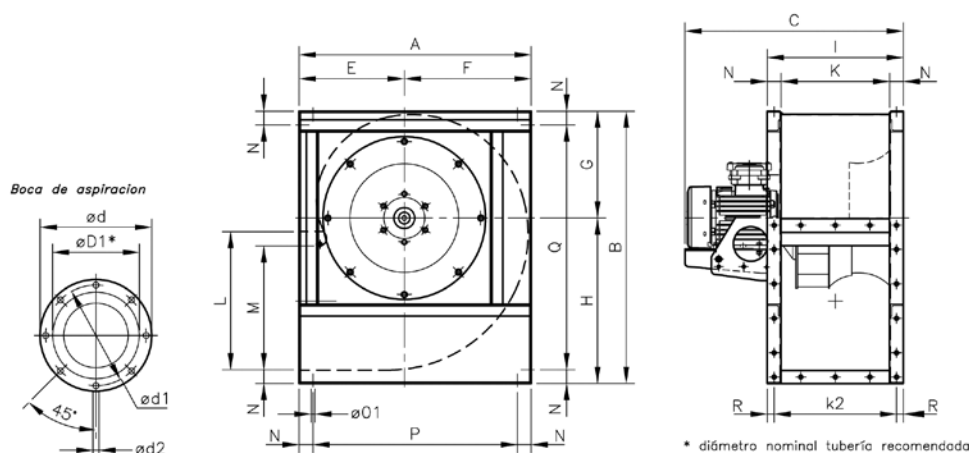
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

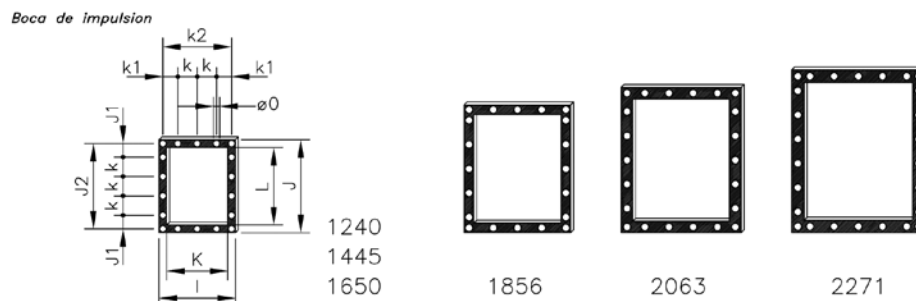
Sound power $L_w(A)$ spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
1240	56	70	76	79	79	80	70	59	1856-6	61	69	81	83	80	81	71	60
1445	59	72	78	83	80	83	78	64	2063-4	80	85	91	93	91	88	81	73
1650-4	64	74	82	84	83	85	76	66	2063-6	69	70	82	82	81	83	73	63
1650-6	53	65	72	77	73	69	62	54	2271-4	83	84	93	96	98	99	95	82
1856-4	69	78	91	87	90	91	85	71	2271-6	73	73	87	86	90	90	79	68

Dimensions in mm



Model	A	B	C	ØD1*	Ød	Ød1	Ød2	E	F	G	H	M	N	Ø01	P	Q	R
1240-4T	673	790	634	400	472	444	M.8	305	368	310	480	358.5	40	11	593	710	20
1445-4T	765	880	727	450	522	494	M.8	350	415	339	541	407	45	11	675	790	20
1650-4T	832	970	770.5	500	582	555	M.10	375	457	378	592	445	45	13	742	880	20
1650-6T	832	970	770.5	500	582	555	M.10	375	457	378	592	445	45	13	742	880	20
1856-4T	925	1084	857.5	560	645	615	M.10	415	510	424	660	493	50	13	825	984	25
1856-6T	925	1084	828	560	645	615	M.10	415	510	424	660	493	50	13	825	984	25
2063-4T	1037	1218	955	630	720	688	M.10	465	572	477	741	530	60	13	917	1098	30
2063-6T	1037	1218	932	630	720	688	M.10	465	572	477	741	530	60	13	917	1098	30
2271-4T	1173	1375	1149	710	800	768	M.12	525	648	538	837	603.5	65	13	1043	1245	32.5
2271-6T	1173	1375	1112	710	800	768	M.12	525	648	538	837	603.5	65	13	1043	1245	32.5

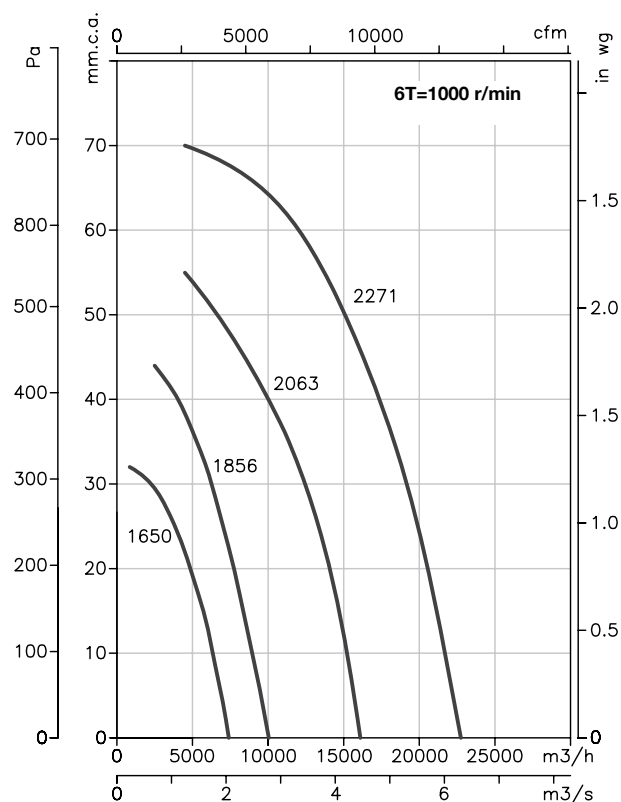
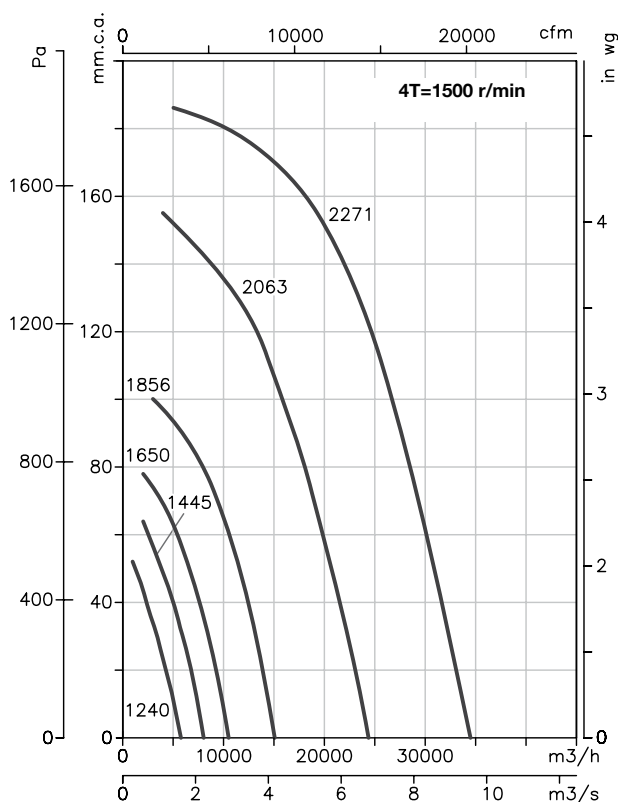


Model	I	J	J1	J2	K	k	k1	k2	L	Ø0
1240	395	480	70	440	315	100	77.5	355	400	11
1445	445	540	99	498	355	100	102.5	405	450	11
1650	490	590	87.5	550	400	125	100	450	500	13
1856	550	660	55	610	450	125	125	500	560	13
2063	620	750	95	690	500	125	92.5	560	630	13
2271	690	840	75	775	560	125	62.5	625	710	13

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



CTMP



High-performance multi-blade impeller and robust centres

400°C/2h and 300°C/1h centrifugal fans with multi-blade impeller

Centrifugal medium-pressure single-inlet fans to work inside fire danger zones at 400°C/2h, fitted with sheet steel casing and impeller.

Fan:

- Steel sheet casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Approval according to Standard EN-12101-3-2002

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings and IP55 protection
- Three-phase 220/380V. 60HZ (up to 4CV.) and 380/660V. 60Hz.(power over 4CV.)
- Max. air temperature to transport: S1 Service -20°C+ 120°C for ongoing use, S2 Service 300°C/2h, 400°C/2h

Finish:

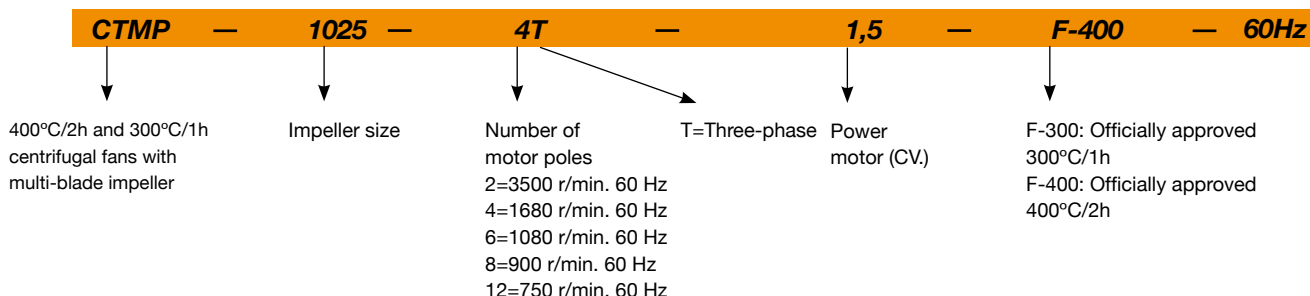
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Fans with two-speed motor.



Order code



Positions

LG 270 standard supply

LG 180 and RD 180 positions on request and with special fixing measures.



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CTMP-922-4T	1704	3.7	2.1		0.75	2750	66	30
CTMP-1025-4T-1.5	1704	4.7	2.7		1.1	3400	70	36
CTMP-1025-4T-2	1710	6.6	3.8		1.5	3900	72	38
CTMP-1128-4T-3	1722	9.2	5.3		2.2	5000	74	47
CTMP-1128-4T-4	1716	11.4	6.6		3	5500	75	51
CTMP-1128-6T	1128	4.4	2.6		0.75	3600	60	41
CTMP-1231-4T-3	1722	9.2	5.3		2.2	4900	73	54
CTMP-1231-4T-4	1716	11.4	6.6		3	5750	75	59
CTMP-1231-4T-5.5	1728		8.4	4.8	4	6800	77	69
CTMP-1231-6T	1134	7.4	4.3		1.5	4500	64	55
CTMP-1435-6T	1140	10.3	5.9		2.2	7000	68	70
CTMP-1640-6T	1140	10.3	5.9		2.2	7000	71	89
CTMP-1845-6T	1140	10.3	5.9		2.2	9000	77	98
CTMP-2050-6T	1164		11	6.4	4	11000	79	152

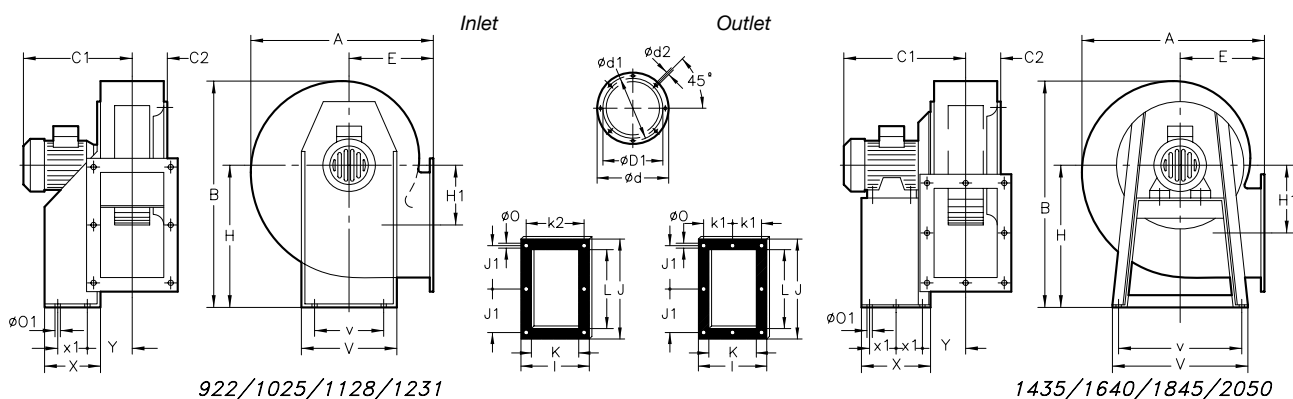
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
922	41	51	62	69	73	70	68	61	1231-4-4	53	62	73	80	84	82	80	73
1025-4-1,5	45	55	66	73	77	74	72	65	1231-4-5,5	55	64	75	82	86	84	82	75
1025-4-2	47	57	68	75	79	76	74	67	1231-6	42	51	62	69	73	71	69	62
1128-4-3	49	59	70	77	81	78	76	69	1435	46	55	66	73	77	75	73	66
1128-4-4	50	60	71	78	82	79	77	70	1640	49	58	69	76	80	78	76	69
1128-6	35	45	56	63	67	64	62	55	1845	56	66	77	84	88	86	84	76
1231-4-3	51	60	71	78	82	80	78	71	2050	58	68	79	86	90	88	86	78

Dimensions in mm



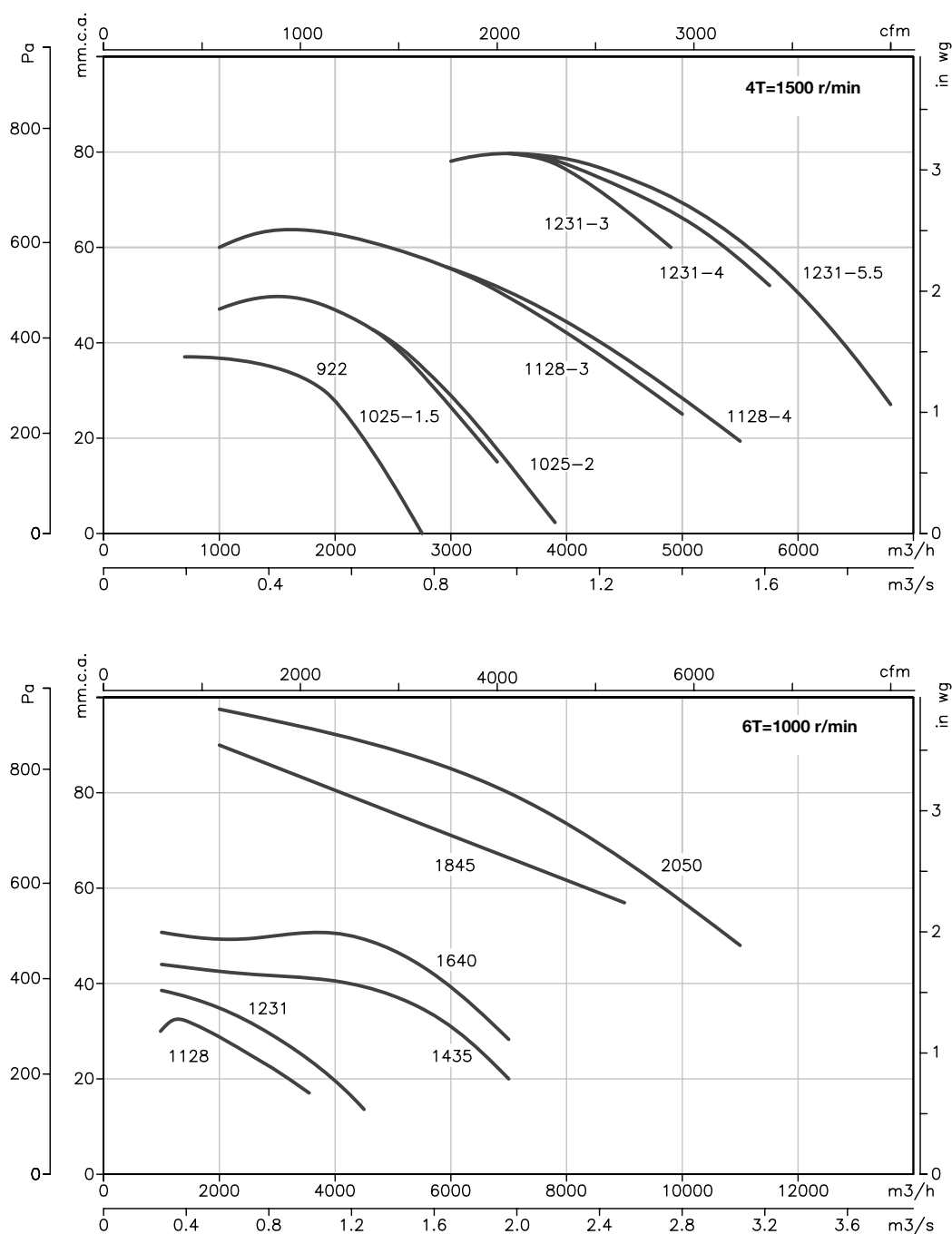
Model	A	B	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H	H1	I	J	J1	L	k1	k2	L	Ø0	Ø01	V	v	X	x1	Y
922	388.5	455	344	73.5	224	278	256	M.8	180	280	134	204	282.5	128	140	-	180	215	9.5	10.5	290	220	114	50	105
1025	427	503	356.5	86	250	305	282	M.8	197	310	144	229	312.5	145	165	-	205	250	9.5	12.5	315	228	134	74	115.5
1128-4T	472	553	439	93.5	280	348	320	M.8	216	340	152	244	364	170	180	-	220	296.5	9.5	12.5	348	245	144	95	122.5
1128-6T	472	553	364	93.5	280	348	320	M.8	216	340	152	244	364	170	180	-	220	296.5	9.5	12.5	348	245	144	95	122.5
1231-3	526	630	449	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	-	240	320	11.5	13	382	322	183	140	126
1231-4	526	630	449	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	-	240	320	11.5	13	382	322	183	140	126
1231-5.5	526	630	449	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	-	240	320	11.5	13	382	322	183	140	126
1231-6T	526	630	449	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	-	240	320	11.5	13	382	322	183	140	126
1435-6T	573.5	715	463	118	355	422	394	M.8	250	445	242.5	292	342.5	159	228	133	-	280	11.5	13	456	420	333	136.5	150
1640-6T	634	799	475	130	400	464	438	M.8	270	495	271	336	404	185	250	150	-	321	11.5	13	500	460	327	133.5	162.5
1845-6T	711	901	492	147	450	515	485	M.8	302	560	305	370	444	202	284	164	-	361	11.5	13	538	502	340	140	179.5
2050-6T	797	987	574.5	162.5	500	565	535	M.10	345	610	313	411	544	250	315	182.5	-	451	11.5	13	635	615	435	188	196

* Recommended nominal diameter for duct.

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



TCR/R CJTCR/R

400°C/2h centrifugal fans and extraction units with backward-curved impeller

TCR/R: 400°C/2h robust centrifugal single-inlet fans to work outside fire danger zones fitted with impeller with backward-curved blades

CJTCR/R: 400°C/2h robust single-inlet fans with soundproofed plate to work outside fire danger zones

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from robust sheet steel and heat-resistant paint
- Approval according to Standard EN-12101-3-2002



TCR/R



CJTCR/R

Motor:

- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: S1 Service -20°C+ 250°C for ongoing use, S2 Service 200°C/2h, 300°C/2h and 400°C/2h

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.
- CJTCR/R: Anticorrosive galvanized sheet steel.

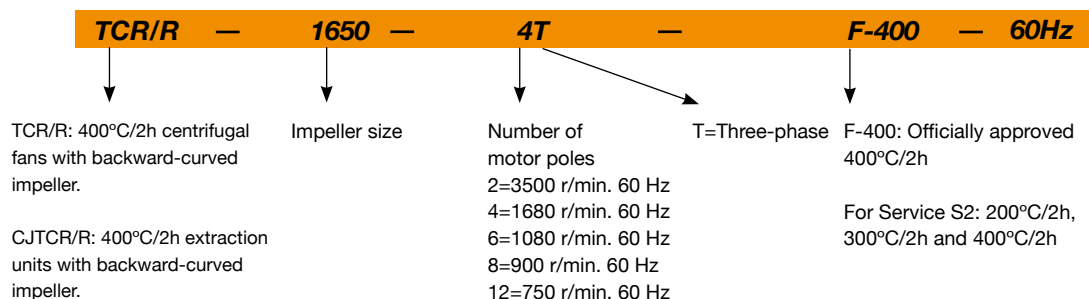
On request:

- Fans with two-speed motor.
- Belt-driven fans



High-performance and robust backward-curved impeller.

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)		Approx. weight (Kg)	
		220V	380V	660V			TCR/R	CJTCR/R	TCR/R	CJTCR/R
TCR/R CJTCR/R 1240-2T	3474	13.16	7.6		4	11100	86	81	93	147
TCR/R CJTCR/R 1240-4T	1692	3.29	1.9		0.75	5800	71	66	71	125
TCR/R CJTCR/R 1445-2T	3432		13.9	8	7.5	16500	87	82	126	210
TCR/R CJTCR/R 1445-4T	1692	4.49	2.59		1.1	8030	72	67	93	177
TCR/R CJTCR/R 1650-4T	1704	5.98	3.45		1.5	10500	74	68	114	189
TCR/R CJTCR/R 1650-6T	1116	4.09	2.36		0.75	7410	64	59	111	186
TCR/R CJTCR/R 1856-4T	1716	11.22	6.48		3	15150	79	74	152	273
TCR/R CJTCR/R 1856-6T	1116	5.63	3.25		1.1	10050	70	65	145	266
TCR/R CJTCR/R 2063-4T	1740		11.1	6.4	5.5	24450	80	75	225	380
TCR/R CJTCR/R 2063-6T	1140	6.79	3.92		1.5	16100	71	66	209	364
TCR/R CJTCR/R 2271-4T	1752		22	12.7	11	34610	85	79	315	508
TCR/R CJTCR/R 2271-6T	1152	11.95	6.9		3	22750	76	71	280	473

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

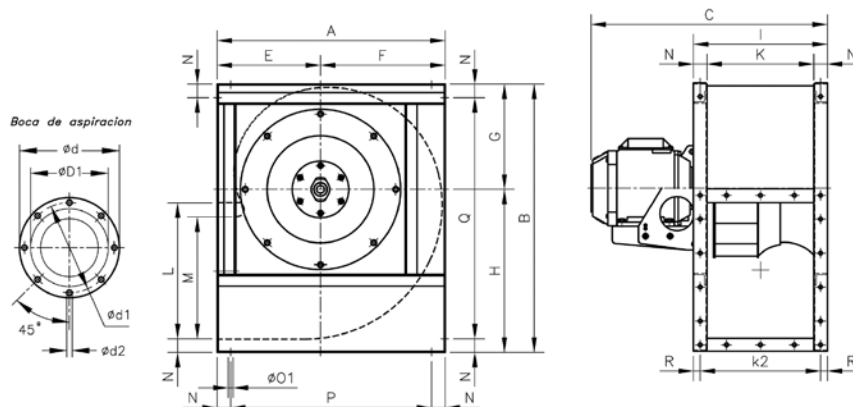
TCR/R Model	63	125	250	500	1000	2000	4000	8000	CJTCR/R Model	63	125	250	500	1000	2000	4000	8000
1240-2	68	83	81	93	90	94	96	83	1240-2	63	78	76	88	85	89	91	78
1240-4	56	40	76	79	79	80	70	59	1240-4	51	65	71	74	74	75	65	54
1445-2	73	85	83	95	93	97	99	89	1445-2	68	80	78	90	88	92	94	84
1445-4	59	72	78	83	80	83	78	64	1445-4	54	67	73	78	75	78	73	59
1650-4	64	74	82	84	83	85	76	66	1650-4	58	68	76	78	77	79	70	60
1650-6	53	65	72	77	73	69	62	54	1650-6	48	60	67	72	68	64	57	49
1856-4	69	78	91	87	90	91	85	71	1856-4	64	73	86	82	85	86	80	66
1856-6	61	69	81	83	80	81	71	60	1856-6	56	64	76	78	75	76	66	55
2063-4	80	85	91	93	91	88	81	73	2063-4	75	80	86	88	86	83	76	68
2063-6	69	70	82	82	81	83	73	63	2063-6	64	65	77	77	76	78	68	58
2271-4	83	84	93	96	98	99	95	82	2271-4	77	78	87	90	92	93	89	76
2271-6	73	73	87	86	90	90	79	68	2271-6	68	68	82	81	85	85	74	63

Positions

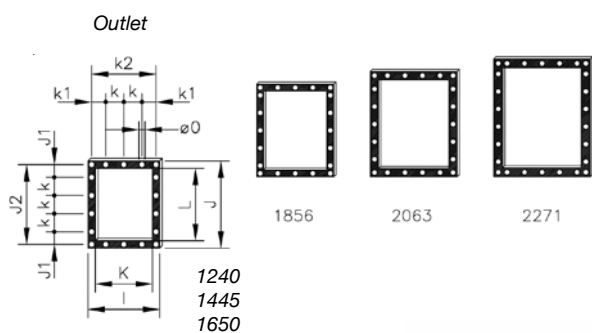
LG 270 standard supply



Dimensions in mm

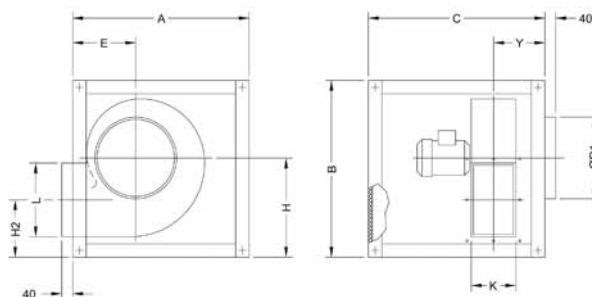


Model	A	B	C	ØD1*	Ød	Ød1	Ød2	E	F	G	H	I	M	N	Ø01	P	Q	R
TCR/R 1240-2T	673	790	734	400	472	444	M.8	305	368	310	480	395	358.5	40	11	593	710	20
TCR/R 1240-4T	673	790	634	400	472	444	M.8	305	368	310	480	395	358.5	40	11	593	710	20
TCR/R 1445-2T	765	880	815	450	522	494	M.8	350	415	339	541	445	407	45	11	675	790	20
TCR/R 1445-4T	765	880	727	450	522	494	M.8	350	415	339	541	445	407	45	11	675	790	20
TCR/R 1650-4T	832	970	770.5	500	582	555	M.10	375	457	378	592	490	445	45	13	742	880	20
TCR/R 1650-6T	832	970	770.5	500	582	555	M.10	375	457	378	592	490	445	45	13	742	880	20
TCR/R 1856-4T	925	1084	857.5	560	645	615	M.10	415	510	424	660	550	493	50	13	825	984	25
TCR/R 1856-6T	925	1084	828	560	645	615	M.10	415	510	424	660	550	493	50	13	825	984	25
TCR/R 2063-4T	1037	1218	955	630	720	688	M.10	465	572	477	741	620	530	60	13	917	1098	30
TCR/R 2063-6T	1037	1218	932	630	720	688	M.10	465	572	477	741	620	530	60	13	917	1098	30
TCR/R 2271-4T	1173	1375	1149	710	800	768	M.12	525	648	538	837	690	603.5	65	13	1043	1245	32.5
TCR/R 2271-6T	1173	1375	1112	710	800	768	M.12	525	648	538	837	690	603.5	65	13	1043	1245	32.5



Model	I	J	J1	J2	K	k	k1	k2	L	Ø0
TCR/R-1240	395	480	70	440	315	100	77.5	355	400	11
TCR/R-1445	445	540	99	498	355	100	102.5	405	450	11
TCR/R-1650	490	590	87.5	550	400	125	100	450	500	13
TCR/R-1856	550	660	55	610	450	125	125	500	560	13
TCR/R-2063	620	750	95	690	500	125	92.5	560	630	13
TCR/R-2271	690	840	75	775	560	125	62.5	625	710	13

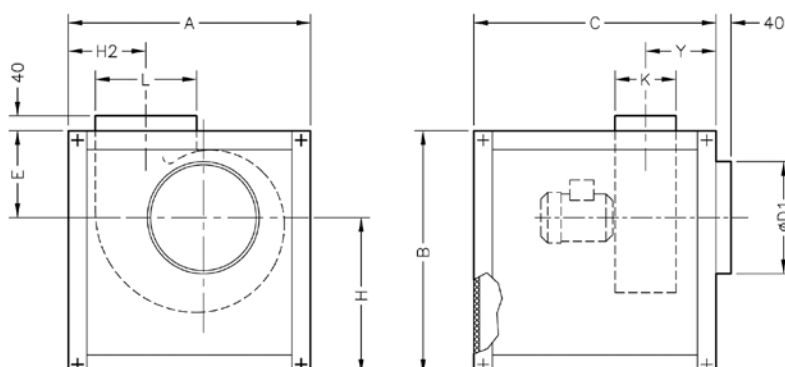
Standard supply: LG -270



Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJTCR/R-1240	970	970	970	400	312	549	308	315	400	307.5
CJTCR/R-1445	1070	1070	1070	450	357	610	339	355	450	333.5
CJTCR/R-1650	1160	1160	1160	500	382	660	365	400	500	355
CJTCR/R-1856	1260	1260	1050	560	422	727	399	450	560	360
CJTCR/R-2063	1400	1400	1200	630	472	810	444	500	630	395
CJTCR/R-2271	1555	1555	1355	710	532	906	560	560	715	430

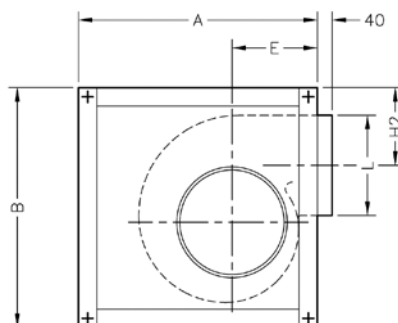
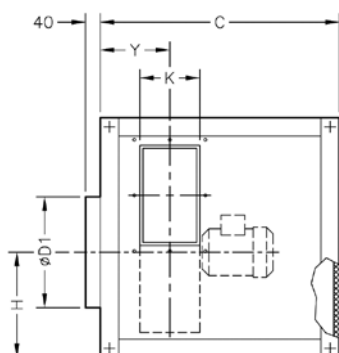
Dimensions in mm

Supplied on request: LG -0

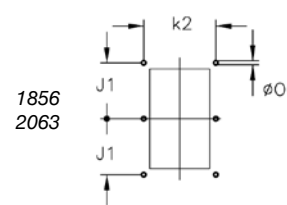
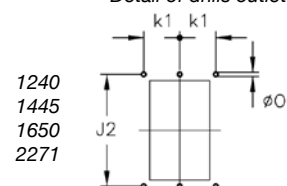


Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJTCR/R-1240	970	970	970	400	533	437	322	315	400	307.5
CJTCR/R-1445	1070	1070	1070	450	586	484	367	355	450	333.5
CJTCR/R-1650	1160	1160	1160	500	634.5	525.5	391.5	400	500	355
CJTCR/R-1856	1260	1260	1050	560	681.5	578.5	442.5	450	560	360
CJTCR/R-2063	1400	1400	1200	630	759	641	482	500	630	395
CJTCR/R-2271	1555	1555	1355	710	838	717	518.5	560	715	430

Supplied on request: LG -90



Detail of drills outlet



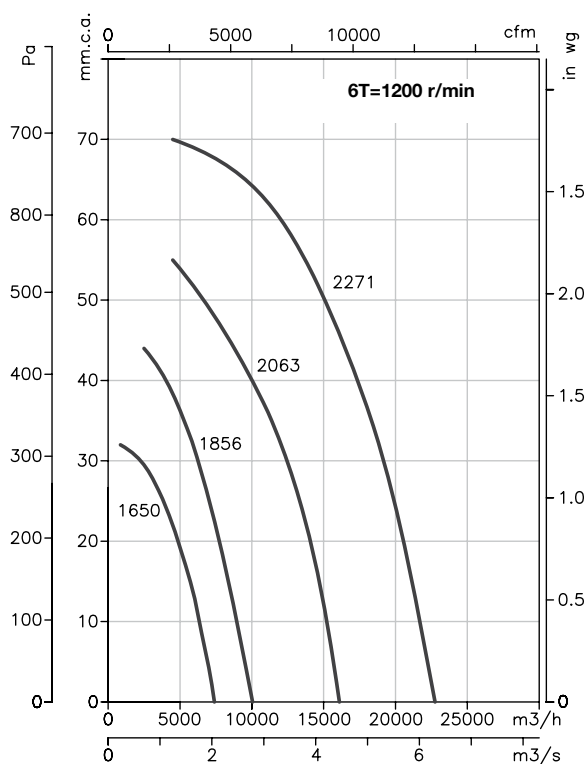
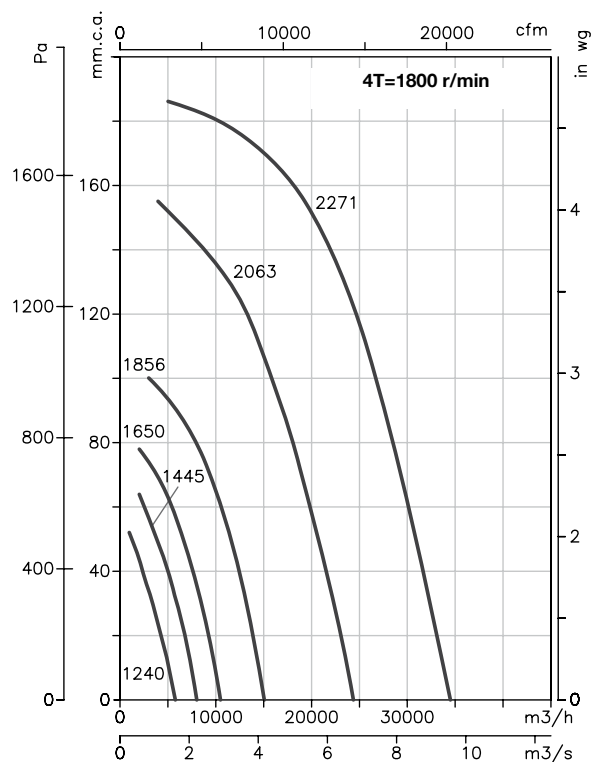
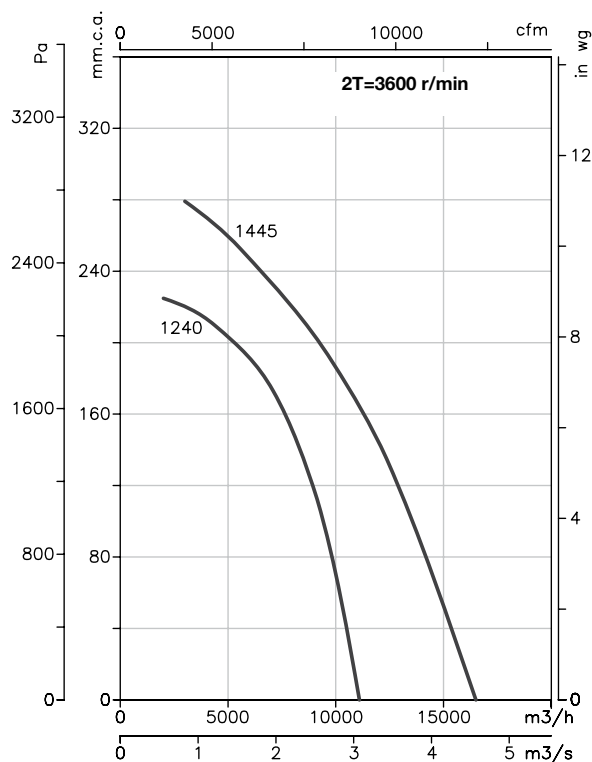
Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJTCR/R-1240	970	970	970	400	312	379	350	315	400	307.5
CJTCR/R-1445	1070	1070	1070	450	357	408	391	355	450	333.5
CJTCR/R-1650	1160	1160	1160	500	382	447	419	400	500	355
CJTCR/R-1856	1260	1260	1050	560	422	495	438	450	560	360
CJTCR/R-2063	1400	1400	1200	630	472	546	488	500	630	395
CJTCR/R-2271	1555	1555	1355	710	532	607	532	560	715	430

Model	k1	k2	J1	J2	Ø0
CJTCR/R-1240	177.5	-	-	440	11
CJTCR/R-1445	202.5	-	-	498	11
CJTCR/R-1650	225	-	-	550	13
CJTCR/R-1856	-	500	305	-	13
CJTCR/R-2063	-	560	345	-	13
CJTCR/R-2271	312.5	-	-	775	13

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



TCMP CJMP



TCMP



CJMP

400°C/2h centrifugal fans and extraction units with multi-blade impeller

TCMP: 400°C/2h centrifugal single-inlet fans to work outside fire danger zones

CJMP: 400°C/2h extraction single-inlet units with soundproofed plate to work outside fire danger zones

Fan:

- Steel sheet casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Approval according to Standard EN-12101-3-2002

Motor:

- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: S1 Service -20°C+ 300°C for ongoing use, S2 Service 200°C/2h, 300°C/2h and 400°C/2h

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.
- CJMP: Anticorrosive galvanized sheet steel.

On request:

- Fans with two-speed motor.
- Belt-driven fans



Order code

TCMP — 1231 — 4T — 5,5 — F-400 — 60Hz

TCMP: 400°C/2h centrifugal fans with multi-blade impeller.

CJMP: 400°C/2h extraction units with multi-blade impeller

Impeller size

Number of motor poles

2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz
8=900 r/min. 60 Hz
12=750 r/min. 60 Hz

T=Three-phase

Power motor (CV)

F-400: Officially approved 400°C/2h

For Service S2: 200°C/2h, 300°C/2h and 400°C/2h

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)		Approx. weight (Kg)	
		220V	380V	660V			TCMP	CJMP	TCMP	CJMP
TCMP-820-4T	CJMP-820-4T	1620	1.33	0.77	0.25	1670	65	59	11	25
TCMP-922-4T	CJMP-922-4T	1674	2.49	1.44	0.55	2450	66	60	20	55
TCMP-1025-4T-1.5	CJMP-1025-4T-1.5	1692	4.42	2.55	1.10	3400	70	64	28	69
TCMP-1025-4T-2	CJMP-1025-4T-2	1704	5.89	3.40	1.50	3650	72	66	31	72
TCMP-1128-4T-3	CJMP-1128-4T-3	1704	8.14	4.70	2.20	5000	74	68	38	87
TCMP-1128-4T-4	CJMP-1128-4T-4	1704	11.09	6.40	3.00	5450	75	69	41	90
TCMP-1128-6T	CJMP-1128-6T	1098	3.55	2.05	0.75	3300	60	55	30	79
TCMP-1231-4T-3	CJMP-1231-4T-3	1704	8.14	4.70	2.20	4750	73	67	45	103
TCMP-1231-4T-4	CJMP-1231-4T-4	1704	11.09	6.40	3.00	5900	75	69	48	106
TCMP-1231-4T-5.5	CJMP-1231-4T-5.5	1728	14.20	8.20	4.00	6850	77	71	55	113
TCMP-1231-6T	CJMP-1231-6T	1110	6.75	3.90	1.50	5100	64	59	45	103
TCMP-1435-4T-4	CJMP-1435-4T-4	1704	11.09	6.40	3.00	5550	76	70	55	126
TCMP-1435-4T-5.5	CJMP-1435-4T-5.5	1728	14.20	8.20	4.00	6250	78	72	62	133
TCMP-1435-4T-7.5	CJMP-1435-4T-7.5	1746		11.40	6.60	7200	80	74	72	143
TCMP-1435-4T-10	CJMP-1435-4T-10	1746		15.20	8.80	9700	82	76	80	151
TCMP-1435-6T	CJMP-1435-6T	1128	9.01	5.20	2.20	6400	68	63	57	128
TCMP-1640-4T-5.5	CJMP-1640-4T-5.5	1728	14.20	8.20	4.00	7500	77	71	81	151
TCMP-1640-4T-7.5	CJMP-1640-4T-7.5	1746		11.40	6.60	8050	80	74	91	161
TCMP-1640-4T-10	CJMP-1640-4T-10	1746		15.20	8.80	9700	82	76	99	169
TCMP-1640-6T	CJMP-1640-6T	1128	9.01	5.20	2.20	8100	71	66	76	146
TCMP-1845-4T-7.5	CJMP-1845-4T-7.5	1746		11.40	6.60	8950	82	76	100	181
TCMP-1845-4T-10	CJMP-1845-4T-10	1746		15.20	8.80	10350	85	79	108	189
TCMP-1845-6T	CJMP-1845-6T	1128	9.01	5.20	2.20	8350	77	72	85	166
TCMP-2050-4T-10	CJMP-2050-4T-10	1746		15.20	8.80	9000	83	77	130	233
TCMP-2050-4T-15	CJMP-2050-4T-15	1752		21.50	12.40	12500	87	81	154	257
TCMP-2050-4T-20	CJMP-2050-4T-20	1752		28.50	16.50	19000	89	83	166	269
TCMP-2050-6T	CJMP-2050-6T	1140	16.28	9.40	4.00	11000	79	74	125	228

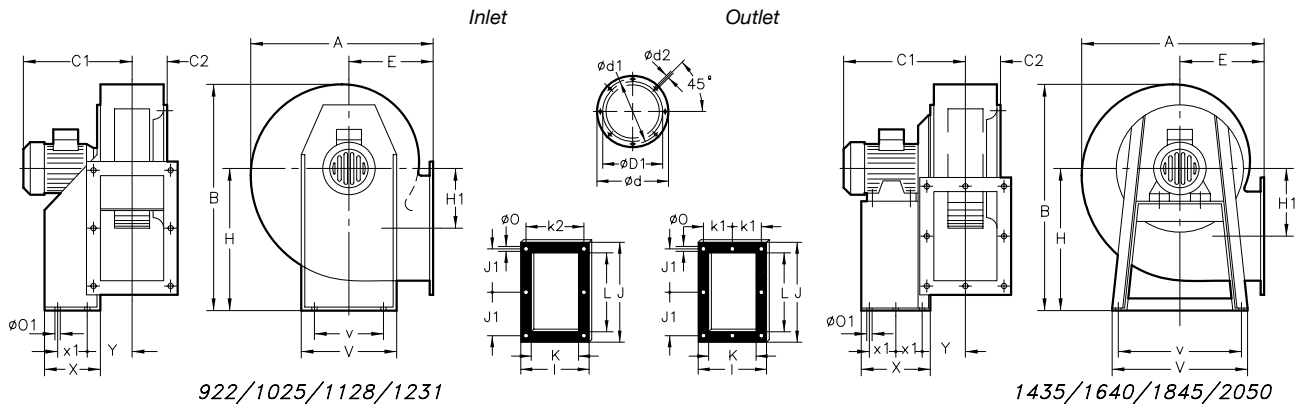
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

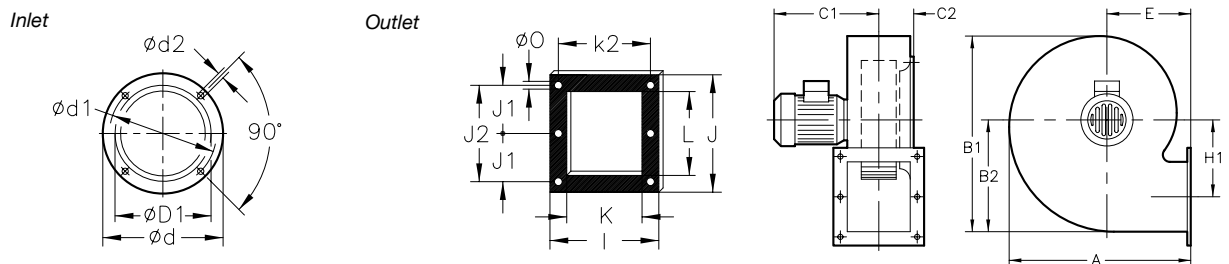
TCMP Model	63	125	250	500	1000	2000	4000	8000	CJMP Model	63	125	250	500	1000	2000	4000	8000
820	40	50	61	68	72	69	67	60	820	34	44	55	62	66	63	61	54
922	41	51	62	69	73	70	68	61	922	35	45	56	63	67	64	62	55
1025-4-1.5	45	55	66	73	77	74	72	65	1025-4-1.5	39	49	60	67	71	68	66	59
1025-4-2	47	57	68	75	79	76	74	67	1025-4-2	41	51	62	69	73	70	68	61
1128-4-3	49	59	70	77	81	78	76	69	1128-4-3	43	53	64	71	75	72	70	63
1128-4-4	50	60	71	78	82	79	77	70	1128-4-4	44	54	65	72	76	73	71	64
1128-6	35	45	56	63	67	64	62	55	1128-6	30	40	51	58	62	59	57	50
1231-4-3	51	60	71	78	82	80	78	71	1231-4-3	45	54	65	72	76	74	72	65
1231-4-4	53	62	73	80	84	82	80	73	1231-4-4	47	56	67	74	78	76	74	67
1231-4-5.5	55	64	75	82	86	84	82	75	1231-4-5.5	49	58	69	76	80	78	76	69
1231-6	42	51	62	69	73	71	69	62	1231-6	37	46	57	64	68	66	64	57
1435-4-4	54	63	74	81	85	83	81	74	1435-4-4	48	57	68	75	79	77	75	68
1435-4-5.5	56	65	76	83	87	85	83	76	1435-4-5.5	50	59	70	77	81	79	77	70
1435-4-7.5	58	67	78	85	89	87	85	78	1435-4-7.5	52	61	72	79	83	81	79	72
1435-4-10	60	69	80	87	91	89	87	80	1435-4-10	54	63	74	81	85	83	81	74
1435-6	46	55	66	73	77	75	73	66	1435-6	41	50	61	68	72	70	68	61
1640-4-5.5	55	64	75	82	86	84	82	75	1640-4-5.5	49	58	69	76	80	78	76	69
1640-4-7.5	58	67	78	85	89	87	85	78	1640-4-7.5	52	61	72	79	83	81	79	72
1640-4-10	60	69	80	87	91	89	87	80	1640-4-10	54	63	74	81	85	83	81	74
1640-6	49	58	69	76	80	78	76	69	1640-6	44	53	64	71	75	73	71	64
1845-4-7.5	61	71	82	89	93	91	89	81	1845-4-7.5	55	65	76	83	87	85	83	75
1845-4-10	64	74	85	92	96	94	92	84	1845-4-10	58	68	79	86	90	88	86	78
1845-6	56	66	77	84	88	86	84	76	1845-6	51	61	72	79	83	81	79	71
2050-4-10	62	72	83	90	94	92	90	82	2050-4-10	56	66	77	84	88	86	84	76
2050-4-15	66	76	87	94	98	96	94	86	2050-4-15	60	70	81	88	92	90	88	80
2050-4-20	68	78	89	96	100	98	96	88	2050-4-20	62	72	83	90	94	92	90	82
2050-6	58	68	79	86	90	88	86	78	2050-6	53	63	74	81	85	83	81	73

Dimensions in mm



Model	A	B	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H	H1	I	J	J1	K	k1	k2	L	Ø0	Ø01	V	v	X	x1	Y
922	388,5	455	332	73,5	224	278	256	M.8	180	280	134	204	282,5	128	140	-	180	215	9,5	10,5	290	220	114	50	105
1025	427	503	393	86	250	305	282	M.8	197	310	144	229	312,5	145	165	-	205	250	9,5	12,5	315	228	134	74	115,5
1128-4T	472	553	430	93,5	280	348	320	M.8	216	340	152	244	364	170	180	-	220	296,5	9,5	12,5	348	245	144	95	122,5
1128-6T	472	553	400	93,5	280	348	320	M.8	216	340	152	244	364	170	180	-	220	296,5	9,5	12,5	348	245	144	95	122,5
1231-3	526	630	440	103,5	315	382	354	M.8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-4	526	630	440	103,5	315	382	354	M.8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-5.5	526	630	463	103,5	315	382	354	M.8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1231-6T	526	630	440	103,5	315	382	354	M.8	238	390	179,5	264	382,5	180	200	-	240	320	11,5	13	382	322	183	140	126
1435-4	573,5	715	464	118	355	422	394	M.8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1435-5.5	573,5	715	477	118	355	422	394	M.8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1435-7.5	573,5	715	525	118	355	422	394	M.8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1435-10	573,5	715	525	118	355	422	394	M.8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1435-6T	573,5	715	487	118	355	422	394	M.8	250	445	242,5	292	342,5	159	228	133	-	280	11,5	13	456	420	333	136,5	150
1640-5.5	634	799	499	130	400	464	438	M.8	270	495	271	336	404	185	250	150	-	321	11,5	13	500	460	327	133,5	162,5
1640-7.5	634	799	537	130	400	464	438	M.8	270	495	271	336	404	185	250	150	-	321	11,5	13	500	460	327	133,5	162,5
1640-10	634	799	537	130	400	464	438	M.8	270	495	271	336	404	185	250	150	-	321	11,5	13	500	460	327	133,5	162,5
1640-6T	634	799	499	130	400	464	438	M.8	270	495	271	336	404	185	250	150	-	321	11,5	13	500	460	327	133,5	162,5
1845-4T	711	901	554	147	450	515	485	M.8	302	560	305	370	444	202	284	164	-	361	11,5	13	538	502	340	140	179,5
1845-6T	711	901	516	147	450	515	485	M.8	302	560	305	370	444	202	284	164	-	361	11,5	13	538	502	340	140	179,5
2050-10	797	987	572	162,5	500	565	535	M.10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196
2050-12.5	797	987	624	162,5	500	565	535	M.10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196
2050-15	797	987	677	162,5	500	565	535	M.10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196
2050-20	797	987	677	162,5	500	565	535	M.10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196
2050-6T	797	987	572	162,5	500	565	535	M.10	345	610	313	411	544	250	315	182,5	-	451	11,5	13	635	615	435	188	196

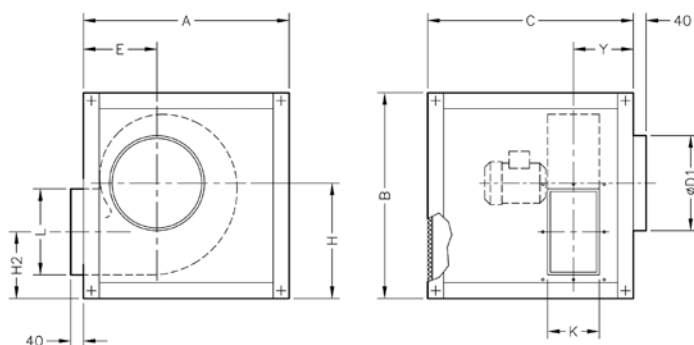
* Recommended nominal diameter for duct.



Model	A	B1	B2	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H1	I	J	J1	J2	K	k2	L	Ø0
820-4T	322	377	223	272	68,5	200	247	230	M.6	137,5	137	184	213	94,5	189	130	160	156	9

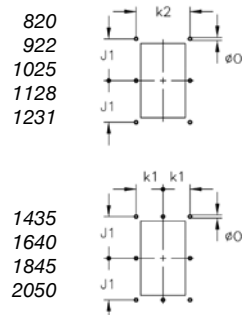
Dimensions in mm

Standard supply outlet: LG -270



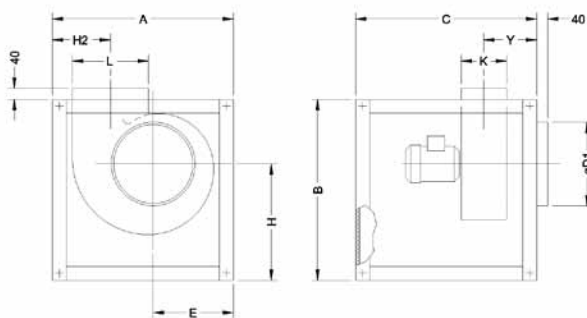
Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJMP-820	400	450	450	200	142	263	126	130	156	112
CJMP-922	610	610	610	224	187	349	215	140	215	176
CJMP-1025	660	660	660	250	204	379	235	165	250	178.5
CJMP-1128	720	720	720	280	223	409	257	180	295	191
CJMP-1231	800	800	800	315	245	459	279.5	200	320	205
CJMP-1435	880	880	880	355	257	514	271.5	230	280	291
CJMP-1640	970	970	970	400	277	564	293	250	320	324
CJMP-1845	1070	1070	1070	450	309	629	324	284	360	357
CJMP-2050	1160	1160	1160	500	352	679	366	315	450	385.5

Detail of drills outlet



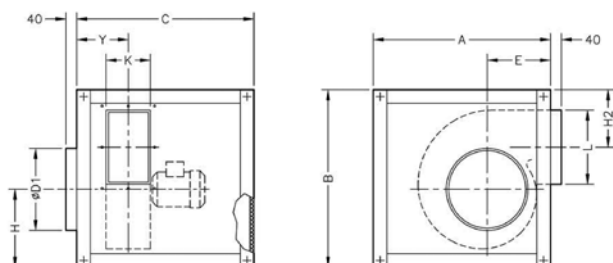
Model	k1	k2	J1	Ø0
CJMP-820	-	160	94.5	9
CJMP-922	-	180	128	9.5
CJMP-1025	-	205	145	9.5
CJMP-1128	-	220	170	9.5
CJMP-1231	-	240	180	11.5
CJMP-1435	133	-	159	11.5
CJMP-1640	150	-	185	11.5
CJMP-1845	164	-	202	11.5
CJMP-2050	182.5	-	250	11.5

Supplied on request: LG -0



Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJMP-922	610	610	610	224	279	349	197	140	215	176
CJMP-1025	660	660	660	250	302	379	214	165	250	178.5
CJMP-1128	720	720	720	280	335	409	233	180	295	191
CJMP-1231	800	800	800	315	366	459	255	200	320	205
CJMP-1435	880	880	880	355	385	514	253	230	280	291
CJMP-1640	970	970	970	400	412	564	287	250	320	324
CJMP-1845	1070	1070	1070	450	446	629	319	284	360	357
CJMP-2050	1160	1160	1160	500	485	679	362	315	450	383.5

Supplied on request: LG -90

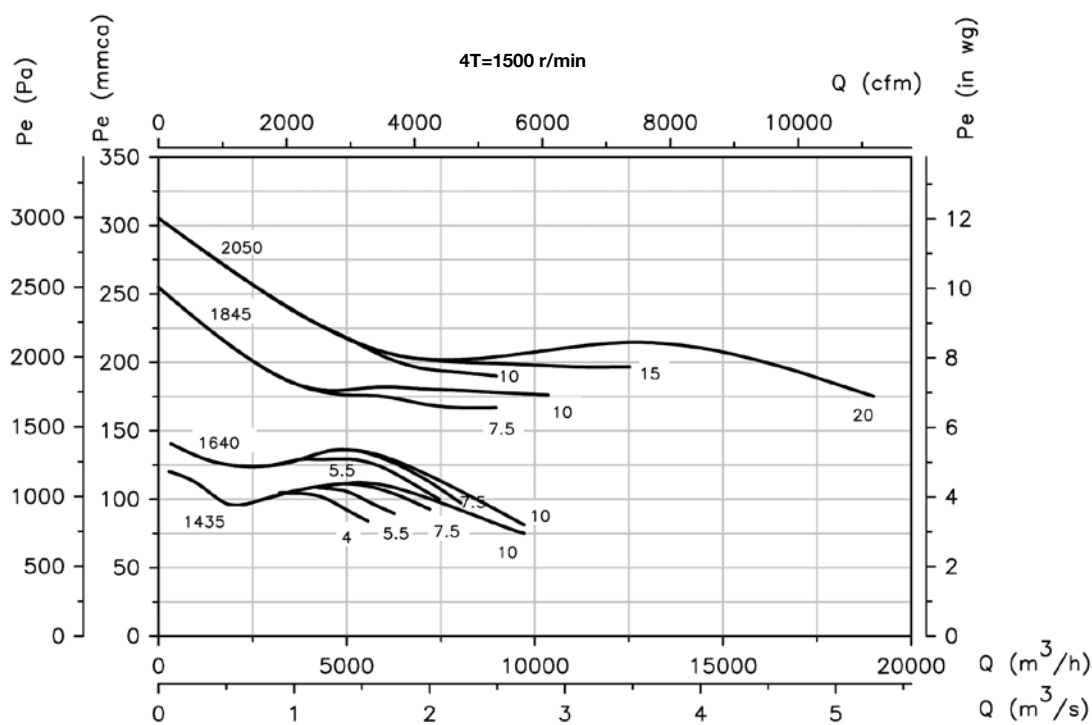
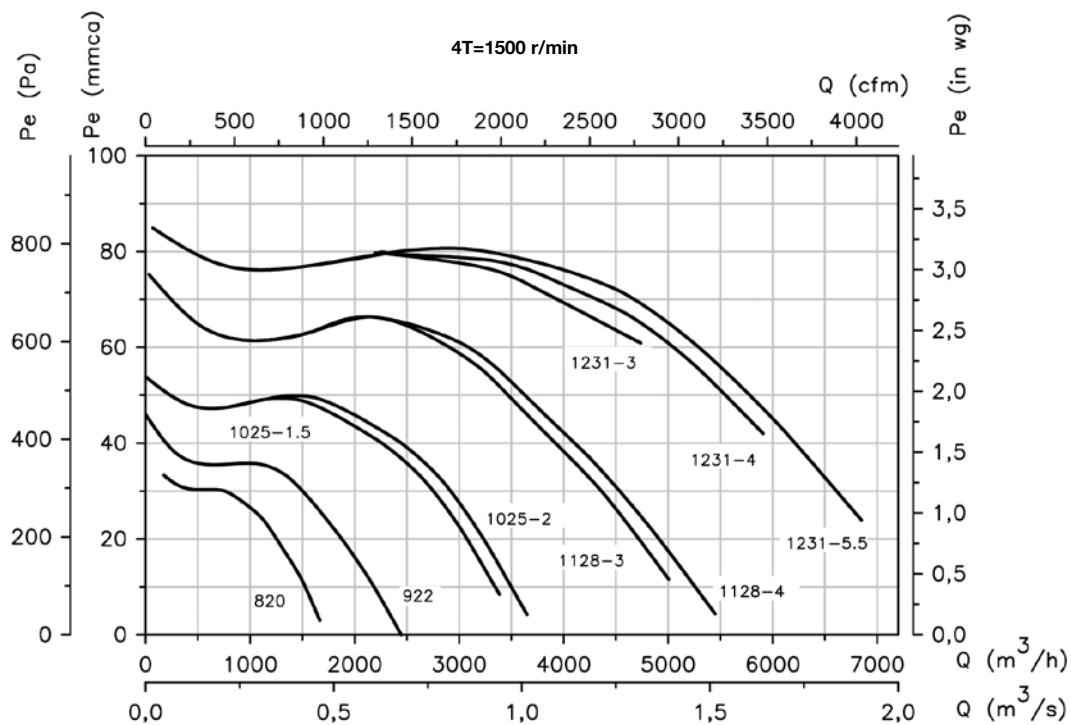


Model	A	B	C	ØD1	E	H	H2	K	L	Y
CJMP-922	720	720	720	224	187	349	237	140	215	176
CJMP-1025	800	800	800	250	204	379	277	165	250	178
CJMP-1128	880	880	880	280	223	409	319	180	295	191
CJMP-1231	970	970	970	315	245	459	332	200	320	205
CJMP-1435	1070	1070	1070	355	257	514	314	230	280	291
CJMP-1640	1160	1160	1160	400	277	564	325	250	320	325
CJMP-1845	865	1260	1050	450	309	629	326	284	360	357
CJMP-2050	965	1400	1200	500	352	679	408	315	450	383.5

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

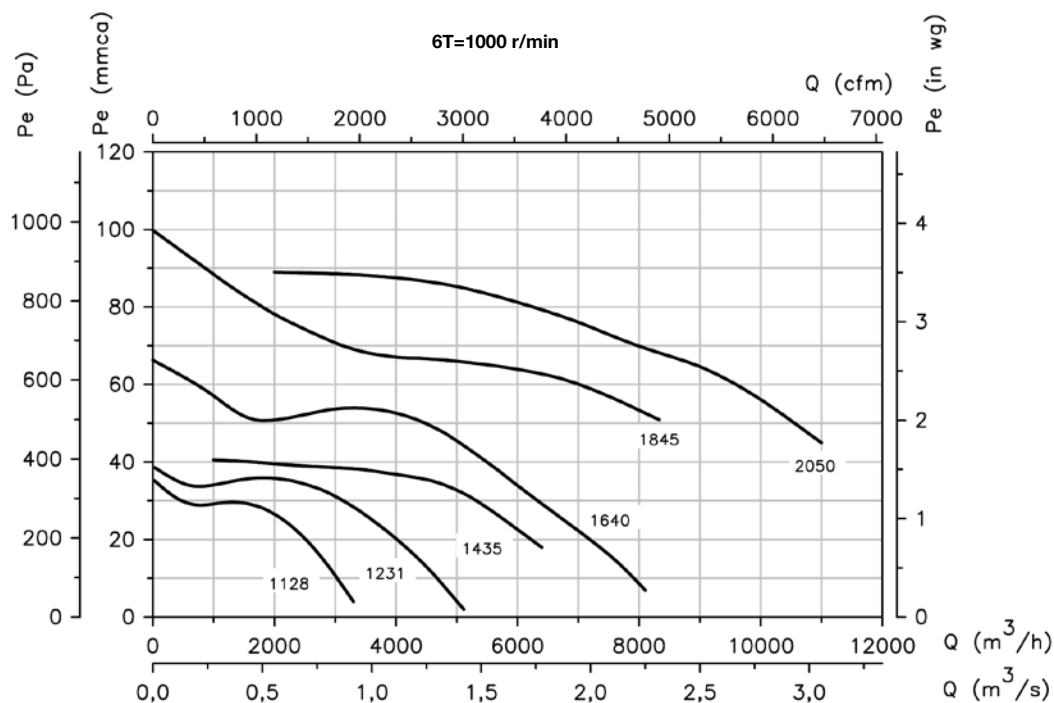
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Positions

LG 270 standard supply

LG 180 and RD 180 positions on request and with special fixing measures.



Accessories

See accessories section



CJTX-C



400°C/2h belt-driven extraction units with double-inlet fan

400°C/2h extraction units with motor and belt-driven inside the plate to work outside fire danger zones.

Fan:

- Galvanized sheet steel structure.
- Impeller with forward-facing blades made from galvanised sheet steel
- Approval according to Standard EN-12101-3-2002
- Linear air circulation



Motor:

- Class F motors with ball bearings, IP55 protection, one- or two-speed depending on the model
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz. (power over 5.5CV.)
- Max. air temperature to transport: S1 Service -20°C+ 120°C for ongoing use, S2 Service 200°C/2h, 300°C/2h and 400°C/2h

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Fans with vertical outlet

Order code

CJTX-C	15/15	0,75	(2V)	F-400
↓	↓	↓	↓	↓
400°C/2h belt-driven extraction units with double-inlet fan	Impeller size	Power motor (CV.)	Reference with 2V: Two-speed fan	F-400: Officially approved 400°C/2h
				For Service S2: 200°C/2h, 300°C/2h and 400°C/2h

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJTX-C-7/7-0.25	1000	1.03	0.59		0.18	1600	58	53
CJTX-C-7/7-0.33	1200	1.30	0.75		0.25	1825	60	54
CJTX-C-7/7-0.33 2V	1200 / 600		0.70 / 0.30		0.25/ 0.10	1825 / 915	60 / 45	54
CJTX-C-7/7-0.5	1400	1.85	1.06		0.37	2100	64	54
CJTX-C-7/7-0.5 2V	1400 / 700		1.05 / 0.50		0.37/ 0.11	2100 / 1050	64 / 49	57
CJTX-C-7/7-0.75	1600	2.59	1.49		0.55	2350	67	58
CJTX-C-7/7-0.75 2V	1600 / 800		1.70 / 0.80		0.55/ 0.19	2350 / 1175	67 / 52	58
CJTX-C-7/7-1	1800	2.96	1.71		0.75	2600	69	62
CJTX-C-7/7-1 2V	1800 / 900		2.00 / 0.90		0.75/ 0.20	2600 / 1300	69 / 54	61
CJTX-C-9/9-0.33	850	1.30	0.75		0.25	2300	58	65
CJTX-C-9/9-0.33 2V	850 / 425		0.70 / 0.30		0.25/ 0.10	2300 / 1150	58 / 43	65
CJTX-C-9/9-0.5	960	1.85	1.06		0.37	2800	61	66
CJTX-C-9/9-0.5 2V	960 / 480		1.05 / 0.50		0.37/ 0.11	2800 / 1400	61 / 46	67
CJTX-C-9/9-0.75	1060	2.59	1.49		0.55	3200	65	69
CJTX-C-9/9-0.75 2V	1060 / 530		1.70 / 0.80		0.55/ 0.19	3200 / 1600	65 / 50	69
CJTX-C-9/9-1	1200	2.96	1.71		0.75	3500	67	73
CJTX-C-9/9-1 2V	1200 / 600		2.00 / 0.90		0.75/ 0.20	3500 / 1750	67 / 52	72
CJTX-C-9/9-1.5	1340	4.38	2.53		1.10	4100	70	80
CJTX-C-9/9-1.5 2V	1340 / 670		2.90 / 1.30		1.10/ 0.25	4100 / 2050	70 / 55	74
CJTX-C-9/9-2	1500	5.53	3.19		1.50	4400	72	84
CJTX-C-9/9-2 2V	1500 / 750		3.50 / 1.50		1.50/ 0.37	4400 / 2200	72 / 57	76
CJTX-C-10/10-0.33	660	1.30	0.75		0.25	2800	57	77

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJTX-C-10/10-0.33 2V	660 / 330		0.70 / 0.30		0.25 / 0.10	2800 / 1400	57 / 42	77
CJTX-C-10/10-0.5	800	1.85	1.06		0.37	3300	61	77
CJTX-C-10/10-0.5 2V	800 / 400		1.05 / 0.50		0.37 / 0.11	3300 / 1650	61 / 46	79
CJTX-C-10/10-0.75	880	2.59	1.49		0.55	3800	63	81
CJTX-C-10/10-0.75 2V	880 / 440		1.70 / 0.80		0.55 / 0.19	3800 / 1900	63 / 48	81
CJTX-C-10/10-1	1000	2.96	1.71		0.75	4200	65	85
CJTX-C-10/10-1 2V	1000 / 500		2.00 / 0.90		0.75 / 0.20	4200 / 2100	65 / 50	84
CJTX-C-10/10-1.5	1130	4.38	2.53		1.10	4800	68	92
CJTX-C-10/10-1.5 2V	1130 / 565		2.90 / 1.30		1.10 / 0.25	4800 / 2400	68 / 53	85
CJTX-C-10/10-2	1270	5.53	3.19		1.50	5300	71	94
CJTX-C-10/10-2 2V	1270 / 635		3.50 / 1.50		1.50 / 0.37	5300 / 2650	71 / 56	86
CJTX-C-10/10-3	1450	8.40	4.85		2.20	5900	74	89
CJTX-C-10/10-3 2V	1450 / 725		4.90 / 1.70		2.20 / 0.45	5900 / 2950	74 / 59	93
CJTX-C-12/12-0.5	600	1.85	1.06		0.37	4200	60	96
CJTX-C-12/12-0.5 2V	600 / 300		1.05 / 0.50		0.37 / 0.11	4200 / 2100	60 / 45	98
CJTX-C-12/12-0.75	700	2.59	1.49		0.55	4600	63	99
CJTX-C-12/12-0.75 2V	700 / 350		1.70 / 0.80		0.55 / 0.19	4600 / 2300	63 / 48	100
CJTX-C-12/12-1	800	2.96	1.71		0.75	5100	65	104
CJTX-C-12/12-1 2V	800 / 400		2.00 / 0.90		0.75 / 0.20	5100 / 2550	65 / 50	103
CJTX-C-12/12-1.5	880	4.38	2.53		1.10	5700	68	111
CJTX-C-12/12-1.5 2V	880 / 440		2.90 / 1.30		1.10 / 0.25	5700 / 2850	68 / 53	104
CJTX-C-12/12-2	1020	5.53	3.19		1.50	6400	70	113
CJTX-C-12/12-2 2V	1020 / 510		3.50 / 1.50		1.50 / 0.37	6400 / 3200	70 / 55	105
CJTX-C-12/12-3	1140	8.40	4.85		2.20	7400	73	107
CJTX-C-12/12-3 2V	1140 / 570		4.90 / 1.70		2.20 / 0.45	7400 / 3700	73 / 58	110
CJTX-C-12/12-4	1250	11.22	6.48		3.00	8200	75	115
CJTX-C-12/12-4 2V	1250 / 625		6.50 / 2.30		3.00 / 0.60	8200 / 4100	75 / 60	118
CJTX-C-15/15-0.75	530	2.59	1.49		0.55	4700	59	126
CJTX-C-15/15-0.75 2V	530 / 265		1.70 / 0.80		0.55 / 0.19	4700 / 2350	59 / 44	126
CJTX-C-15/15-1	560	2.96	1.71		0.75	6000	61	130
CJTX-C-15/15-1 2V	560 / 280		2.00 / 0.90		0.75 / 0.20	6000 / 3000	61 / 46	129
CJTX-C-15/15-1.5	630	4.38	2.53		1.10	7000	64	138
CJTX-C-15/15-1.5 2V	630 / 315		2.90 / 1.30		1.10 / 0.25	7000 / 3500	64 / 49	131
CJTX-C-15/15-2	700	5.53	3.19		1.50	7800	66	141
CJTX-C-15/15-2 2V	700 / 350		3.50 / 1.50		1.50 / 0.37	7800 / 3900	66 / 51	133
CJTX-C-15/15-3	800	8.40	4.85		2.20	9000	69	135
CJTX-C-15/15-3 2V	800 / 400		4.90 / 1.70		2.20 / 0.45	9000 / 4500	69 / 54	140
CJTX-C-15/15-4	880	11.22	6.48		3.00	10000	72	144
CJTX-C-15/15-4 2V	880 / 440		6.50 / 2.30		3.00 / 0.60	10000 / 5000	72 / 57	147
CJTX-C-15/15-5.5	970	14.98	8.65		4.00	11000	73	145
CJTX-C-15/15-5.5 2V	970 / 485		8.20 / 2.90		4.00 / 0.80	11000 / 5500	73 / 58	151
CJTX-C-18/18-1	460	2.96	1.71		0.75	7500	60	163
CJTX-C-18/18-1 2V	460 / 230		2.00 / 0.90		0.75 / 0.20	7500 / 3750	60 / 45	163
CJTX-C-18/18-1.5	510	4.38	2.53		1.10	9000	61	171
CJTX-C-18/18-1.5 2V	510 / 255		2.90 / 1.30		1.10 / 0.25	9000 / 4500	61 / 46	165
CJTX-C-18/18-2	540	5.53	3.19		1.50	10800	64	175
CJTX-C-18/18-2 2V	540 / 270		3.50 / 1.50		1.50 / 0.37	10800 / 5400	64 / 49	167
CJTX-C-18/18-3	610	8.40	4.85		2.20	12500	67	170
CJTX-C-18/18-3 2V	610 / 305		4.90 / 1.70		2.20 / 0.45	12500 / 6250	67 / 52	173
CJTX-C-18/18-4	680	11.22	6.48		3.00	14000	70	177
CJTX-C-18/18-4 2V	680 / 340		6.50 / 2.30		3.00 / 0.60	14000 / 7000	70 / 55	180
CJTX-C-18/18-5.5	750	14.98	8.65		4.00	15000	72	178
CJTX-C-18/18-5.5 2V	750 / 375		8.20 / 2.90		4.00 / 0.80	15000 / 7500	72 / 57	184
CJTX-C-18/18-7.5	850		11.40	6.60	5.50	16500	74	188
CJTX-C-18/18-7.5 2V	850 / 425		11.80 / 3.80		5.50 / 1.10	16500 / 8250	74 / 59	204
CJTX-C-18/18-10	930		14.80	8.50	7.50	18000	77	202
CJTX-C-18/18-10 2V	930 / 465		15.30 / 5.40		7.50 / 1.50	18000 / 9000	77 / 62	213
CJTX-C-20/20-2	450	5.53	3.19		1.50	13000	64	276
CJTX-C-20/20-2 2V	450 / 225		3.50 / 1.50		1.50 / 0.37	13000 / 6500	64 / 49	268
CJTX-C-20/20-3	530	8.40	4.85		2.20	15000	68	270
CJTX-C-20/20-3 2V	530 / 265		4.90 / 1.70		2.20 / 0.45	15000 / 7500	68 / 53	274
CJTX-C-20/20-4	580	11.22	6.48		3.00	16300	70	277
CJTX-C-20/20-4 2V	580 / 290		6.50 / 2.30		3.00 / 0.60	16300 / 8150	70 / 55	280
CJTX-C-20/20-5.5	660	14.98	8.65		4.00	18000	72	279

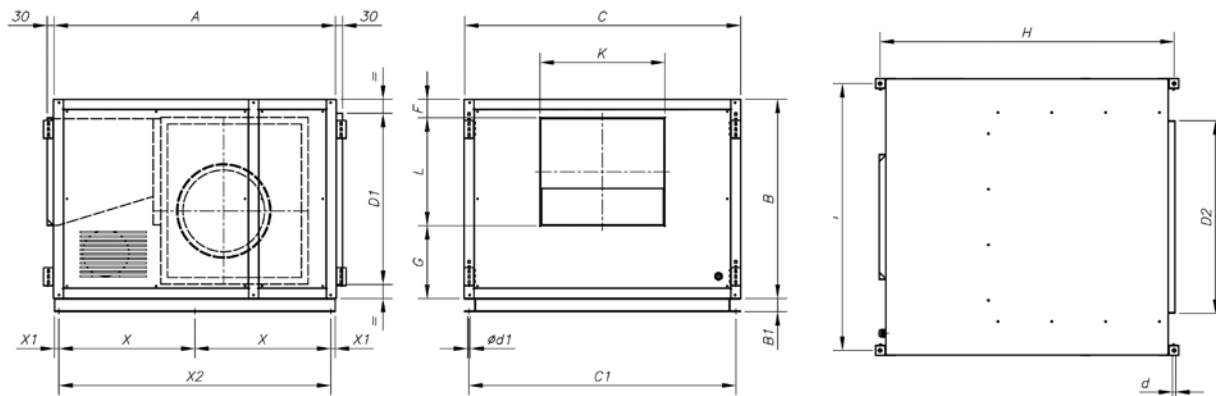
Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJTX-C-20/20-5.5 2V	660 / 330		8.20 / 2.90		4.00/ 0.80	18000 / 9000	72 / 57	285
CJTX-C-20/20-7.5	740		11.40	6.60	5.50	20500	74	289
CJTX-C-20/20-7.5 2V	740 / 370		11.80 / 3.80		5.50/ 1.10	20500 / 10250	74 / 59	305
CJTX-C-20/20-10	815		14.80	8.50	7.50	22500	77	304
CJTX-C-20/20-10 2V	815 / 408		15.30 / 5.40		7.50/ 1.50	22500 / 11250	77 / 62	314
CJTX-C-22/22-2	380	5.53	3.19		1.50	14000	62	318
CJTX-C-22/22-2 2V	380 / 190		3.50 / 1.50		1.50/ 0.37	14000 / 7000	62 / 47	310
CJTX-C-22/22-3	430	8.40	4.85		2.20	16000	64	312
CJTX-C-22/22-3 2V	430 / 215		4.90 / 1.70		2.20/ 0.45	16000 / 8000	64 / 49	316
CJTX-C-22/22-4	480	11.22	6.48		3.00	18000	68	320
CJTX-C-22/22-4 2V	480 / 240		6.50 / 2.30		3.00/ 0.60	18000 / 9000	68 / 53	323
CJTX-C-22/22-5.5	520	14.98	8.65		4.00	20000	69	323
CJTX-C-22/22-5.5 2V	520 / 260		8.20 / 2.90		4.00/ 0.80	20000 / 10000	69 / 54	329
CJTX-C-22/22-7.5	580		11.40	6.60	5.50	22500	72	333
CJTX-C-22/22-7.5 2V	580 / 290		11.80 / 3.80		5.50/ 1.10	22500 / 11250	72 / 57	350
CJTX-C-22/22-10	650		14.80	8.50	7.50	25000	74	346
CJTX-C-22/22-10 2V	650 / 325		15.30 / 5.40		7.50/ 1.50	25000 / 12500	74 / 59	357
CJTX-C-22/22-15	740		21.00	12.10	11.00	28000	77	358
CJTX-C-22/22-15 2V	740 / 370		23.20 / 8.70		10.50/ 2.80	28000 / 14000	77 / 62	389
CJTX-C-22/22-20	780		28.60	16.50	15.00	31000	79	424
CJTX-C-22/22-20 2V	780 / 390		31.72 / 11.75		15.00/ 3.80	31000 / 15500	79 / 64	413
CJTX-C-25/25-3	340	8.40	4.85		2.20	20000	66	369
CJTX-C-25/25-3 2V	340 / 170		4.90 / 1.70		2.20/ 0.45	20000 / 10000	66 / 51	372
CJTX-C-25/25-4	380	11.22	6.48		3.00	22000	68	376
CJTX-C-25/25-4 2V	380 / 190		6.50 / 2.30		3.00/ 0.60	22000 / 11000	68 / 53	379
CJTX-C-25/25-5.5	420	14.98	8.65		4.00	24000	70	377
CJTX-C-25/25-5.5 2V	420 / 210		8.20 / 2.90		4.00/ 0.80	24000 / 12000	70 / 55	383
CJTX-C-25/25-7.5	470		11.40	6.60	5.50	26500	73	393
CJTX-C-25/25-7.5 2V	470 / 235		11.80 / 3.80		5.50/ 1.10	26500 / 13250	73 / 58	409
CJTX-C-25/25-10	510		14.80	8.50	7.50	29000	75	401
CJTX-C-25/25-10 2V	510 / 255		15.30 / 5.40		7.50/ 1.50	29000 / 14500	75 / 60	412
CJTX-C-25/25-15	570		21.00	12.10	11.00	34000	78	419
CJTX-C-25/25-15 2V	570 / 285		23.20 / 8.70		10.50/ 2.80	34000 / 17000	78 / 63	450
CJTX-C-25/25-20	630		28.60	16.50	15.00	38000	80	482
CJTX-C-25/25-20 2V	630 / 315		31.72 / 11.75		15.00/ 3.80	38000 / 19000	80 / 65	471
CJTX-C-30/28-3	250	8.40	4.85		2.20	25000	64	502
CJTX-C-30/28-3 2V	250 / 125		4.90 / 1.70		2.20/ 0.45	25000 / 12500	64 / 49	507
CJTX-C-30/28-4	280	11.22	6.48		3.00	27000	66	516
CJTX-C-30/28-4 2V	280 / 140		6.50 / 2.30		3.00/ 0.60	27000 / 13500	66 / 51	519
CJTX-C-30/28-5.5	340	14.98	8.65		4.00	29000	68	517
CJTX-C-30/28-5.5 2V	340 / 170		8.20 / 2.90		4.00/ 0.80	29000 / 14500	68 / 53	523
CJTX-C-30/28-7.5	360		11.40	6.60	5.50	32500	71	530
CJTX-C-30/28-7.5 2V	360 / 180		11.80 / 3.80		5.50/ 1.10	32500 / 16250	71 / 56	546
CJTX-C-30/28-10	410		14.80	8.50	7.50	36000	73	545
CJTX-C-30/28-10 2V	410 / 205		15.30 / 5.40		7.50/ 1.50	36000 / 18000	73 / 58	556
CJTX-C-30/28-15	480		21.00	12.10	11.00	40000	76	557
CJTX-C-30/28-15 2V	480 / 240		23.20 / 8.70		10.50/ 2.80	40000 / 20000	76 / 61	588
CJTX-C-30/28-20	520		28.60	16.50	15.00	45000	78	627
CJTX-C-30/28-20 2V	520 / 260		31.72 / 11.75		15.00/ 3.80	45000 / 22500	78 / 63	616
CJTX-C-30/28-25	550		36.00	20.80	18.50	49000	79	609
CJTX-C-30/28-25 2V	550 / 275		33.00 / 11.00		17.00/ 3.40	49000 / 24500	79 / 64	643

Dimensions in mm

Standard supply horizontal outlet (H): LG -90

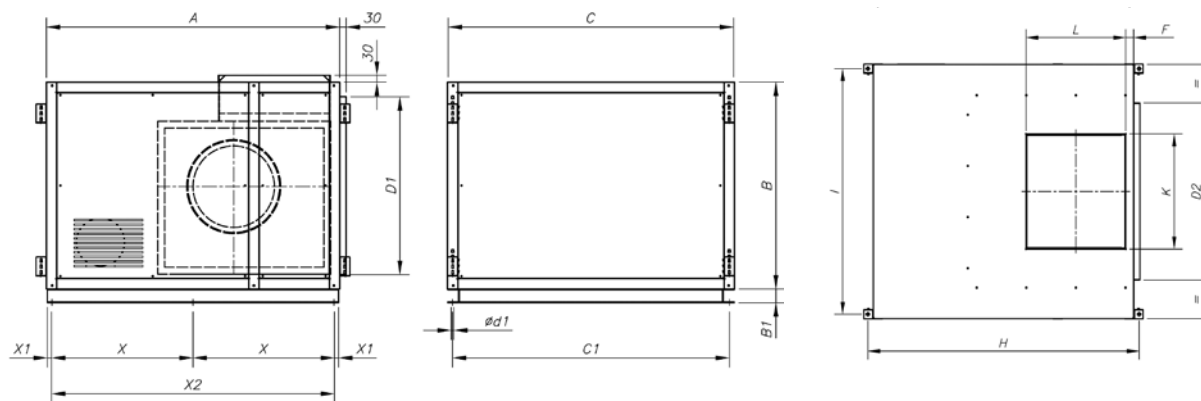
VIEWED FROM THE TOP



	A	B	B1	C	C1	ød	ød1	D1	D2	F	G	H	I	K	L	X	X1	X2
CJTX-C-7/7	700	480	-	730	695	10.5	9	354	470	62	202	750	685	239	216	-	-	-
CJTX-C-9/9	785	592	-	759	716	10.5	9	466	490	92	230	835	714	305	270	-	-	-
CJTX-C-10/10	860	618	-	825	782	10.5	9	492	520	87	235	910	780	334	296	-	-	-
CJTX-C-12/12	970	680	-	945	902	10.5	9	554	620	80	250	1020	900	395	350	-	-	-
CJTX-C-15/15	1100	776	-	1100	1057	10.5	9	650	720	80	285	1150	1055	483	411	-	-	-
CJTX-C-18/18	1278	900	60	1250	1207	10.5	11	774	870	95	325	1328	1205	552	480	614.5	20	1229
CJTX-C-20/20	1495	1050	60	1474	1431	13	11	954	1100	122	347	1555	1419	611	611	722.5	20	1545
CJTX-C-22/22	1640	1180	60	1625	1582	13	11	1054	1250	125	350	1700	1570	665	705	795.5	20	1591
CJTX-C-25/25	1800	1300	60	1825	1782	13	11	1174	1450	125	369	1860	1770	775	806	875.5	20	1751
CJTX-C-30/28	2000	1525	60	2134	2091	13	11	1399	1760	118	465	2060	2079	900	942	975.5	20	1951

Supplied on request: Vertical outlet (V) LG-0

VIEWED FROM THE TOP

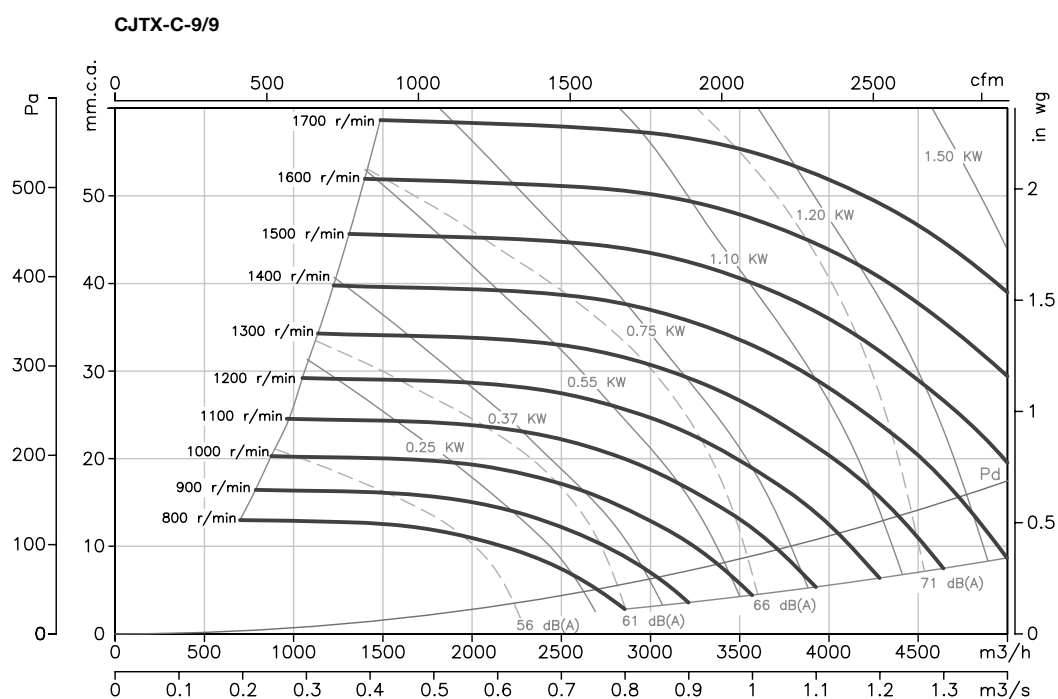
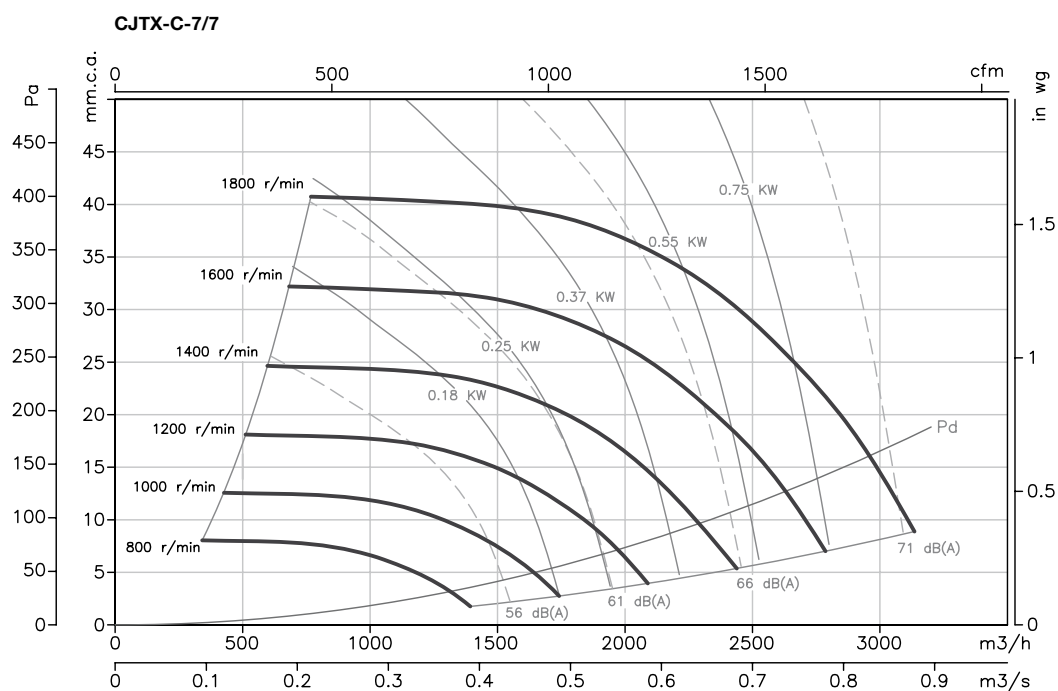


	A	B	B1	C	C1	ød	ød1	D1	D2	F	H	I	K	L	X	X1	X2
CJTX-C-7/7	700	480	-	730	695	10.5	9	354	470	66	750	685	239	216	-	-	-
CJTX-C-9/9	785	592	-	759	716	10.5	9	466	490	89	835	714	305	270	-	-	-
CJTX-C-10/10	860	618	-	825	782	10.5	9	492	520	86.5	910	780	334	296	-	-	-
CJTX-C-12/12	970	680	-	945	902	10.5	9	554	620	81.5	1020	900	395	350	-	-	-
CJTX-C-15/15	1100	776	-	1100	1057	10.5	9	650	720	83.5	1150	1055	483	411	-	-	-
CJTX-C-18/18	1278	900	60	1250	1207	10.5	11	774	870	83.5	1328	1205	552	480	614.5	20	1229
CJTX-C-20/20	1495	1050	60	1474	1431	13	11	954	1100	66	1555	1419	611	611	722.5	20	1545
CJTX-C-22/22	1640	1180	60	1625	1582	13	11	1054	1250	125.5	1700	1570	665	705	795.5	20	1591
CJTX-C-25/25	1800	1300	60	1825	1782	13	11	1174	1450	121	1860	1770	775	806	875.5	20	1751
CJTX-C-30/28	2000	1525	60	2134	2091	13	11	1399	1760	115.5	2060	2079	900	942	975.5	20	1951

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

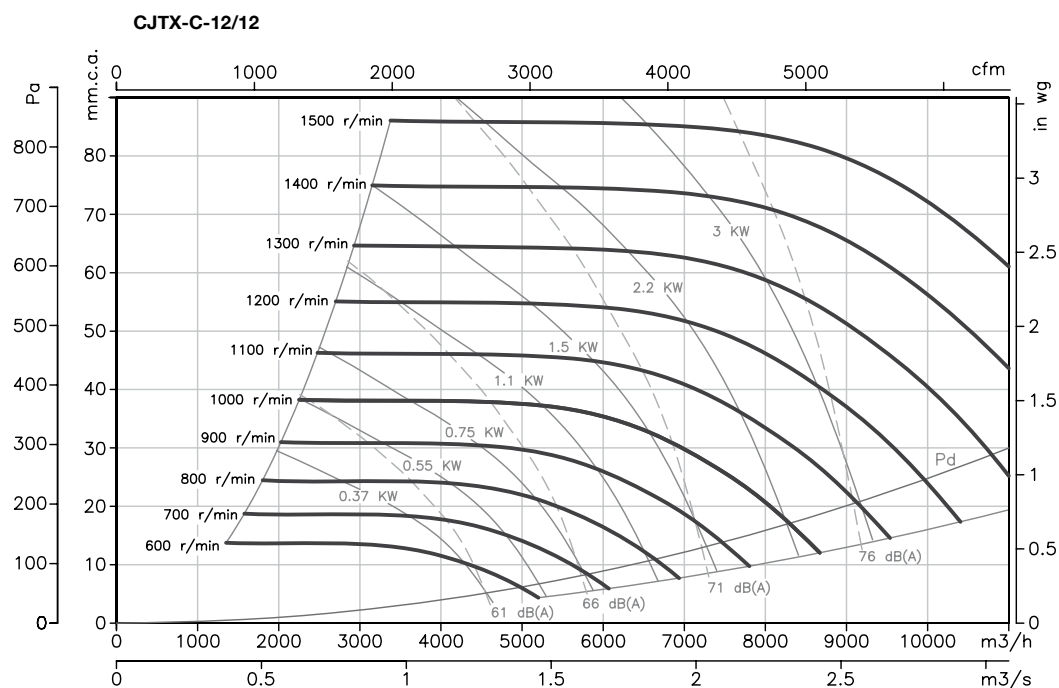
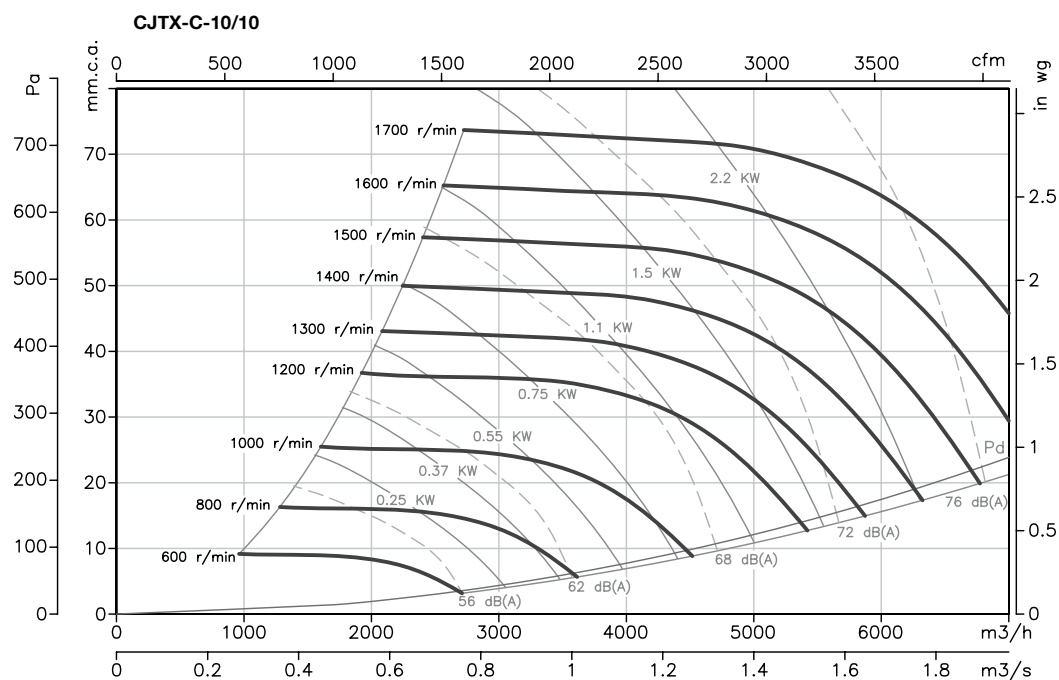
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

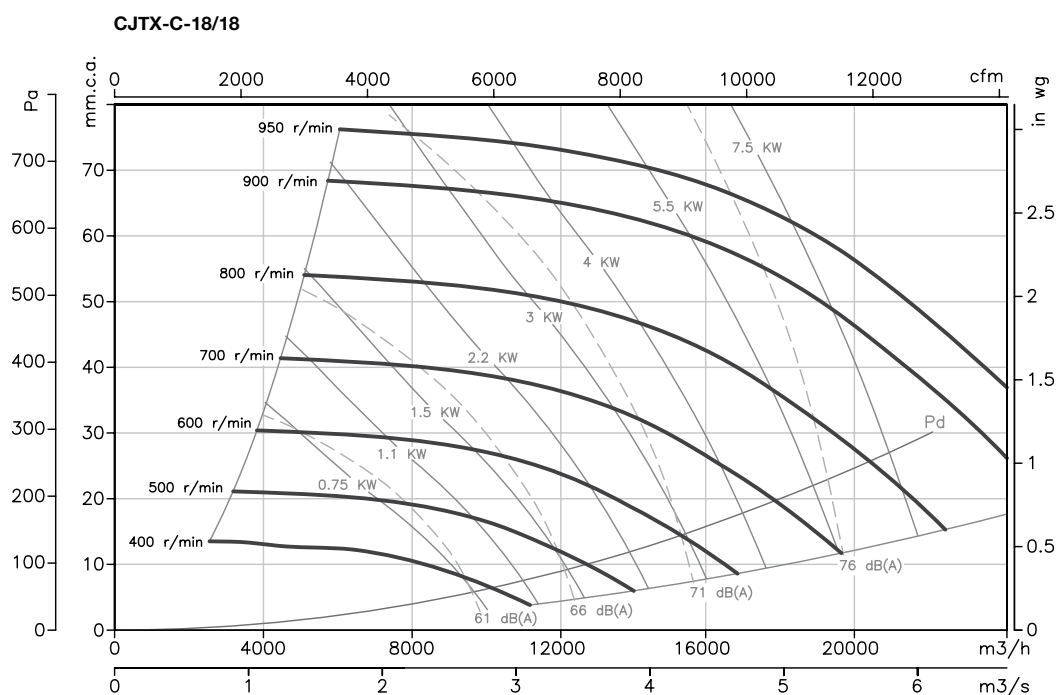
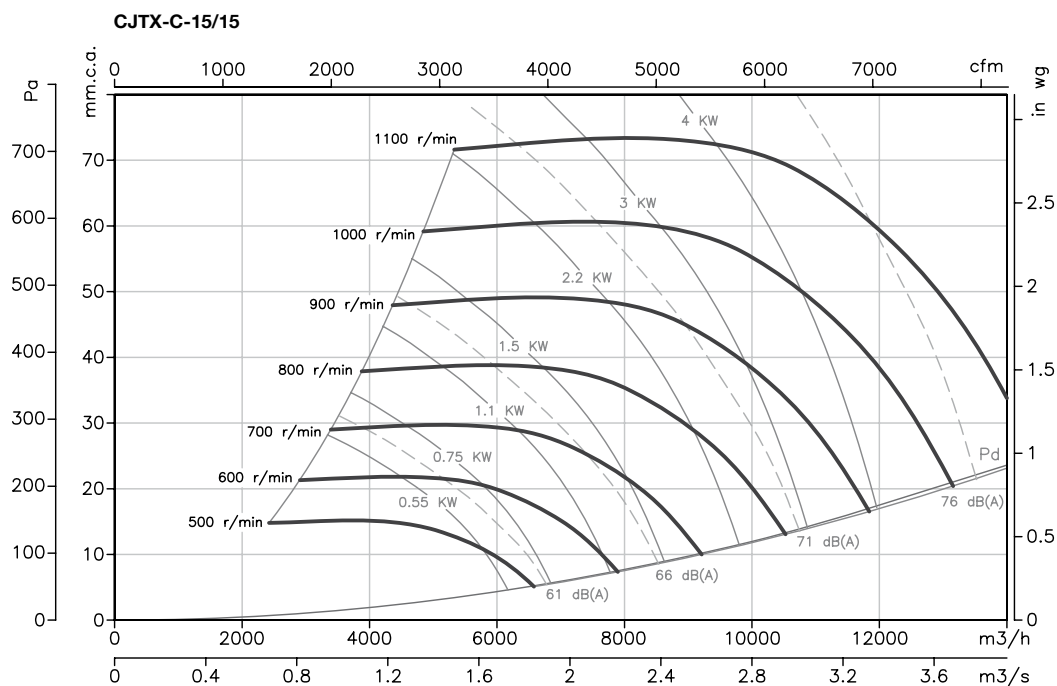
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

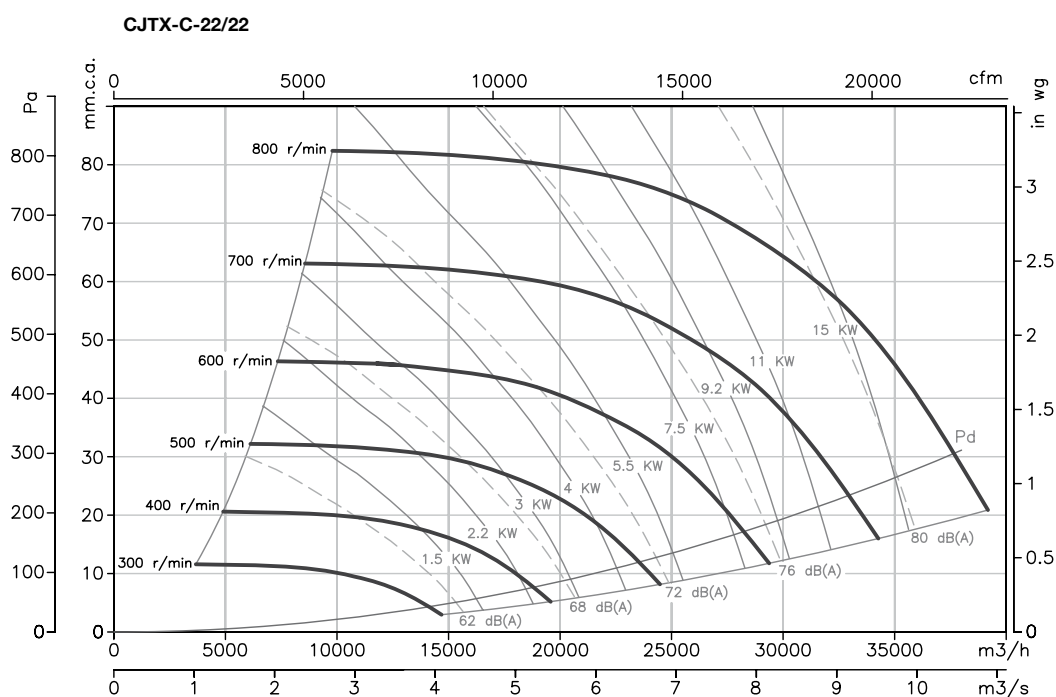
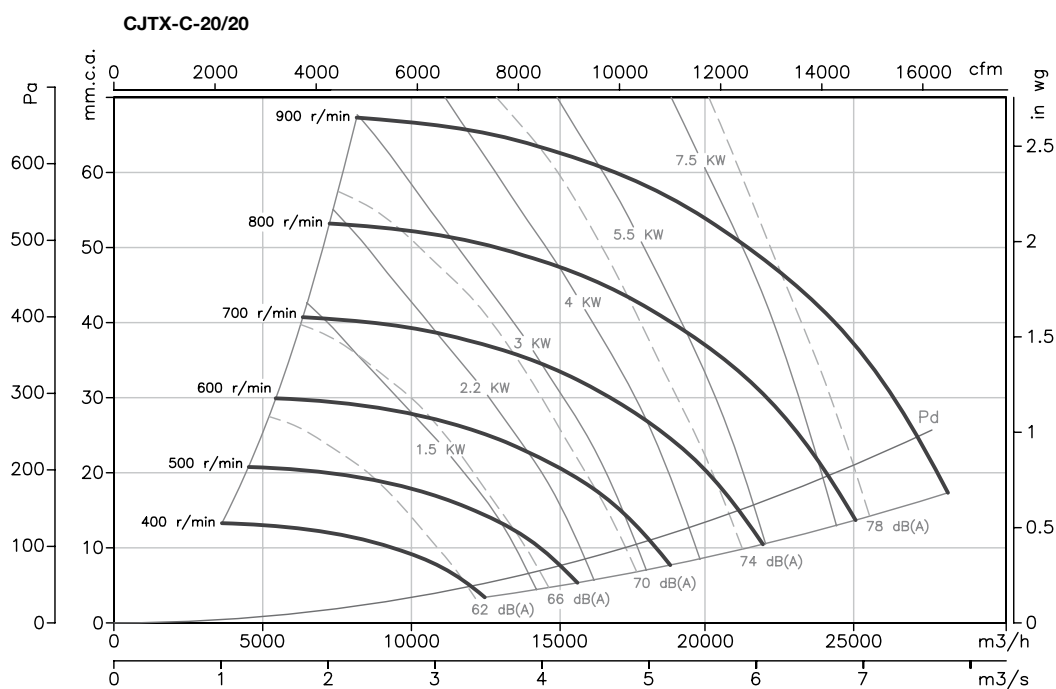
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

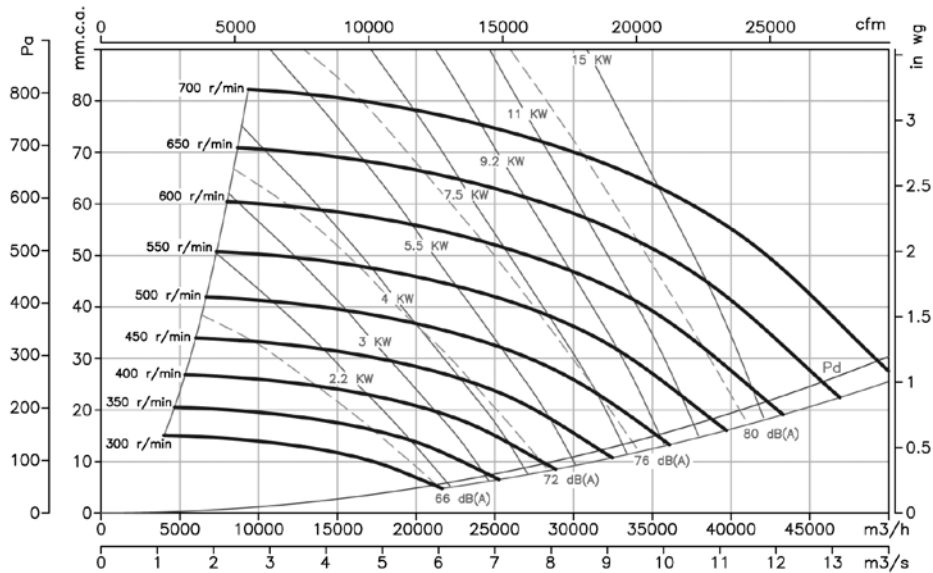


Characteristic curves

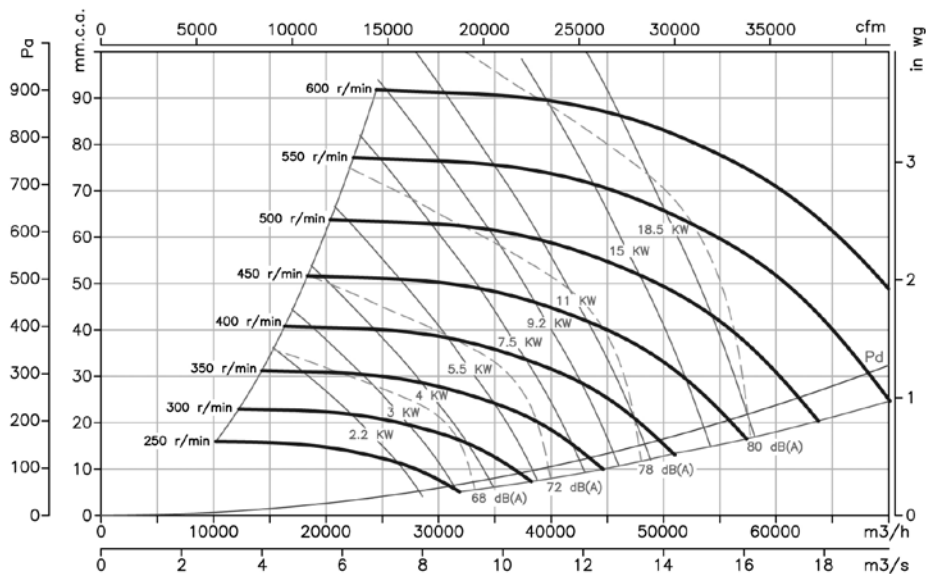
Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

CJTX-C-25/25



CJTX-C-30/28



Accessories

See accessories section, page 170.



CJLINE

400°C/2h extraction units with large hatch to facilitate maintenance.



Easy to connect to rectangular ducts.

Extraction units with large hatch to facilitate maintenance.

Fan:

- Galvanized sheet steel structure.
- Impeller with backward-curved blades made from galvanised sheet steel
- Approval according to Standard EN-12101-3-2002
- Possibility of mounting the outlet on either side of the box during installation.

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW
- Class F motors with ball bearings, IP55 protection, one- or two-speed depending on the model
- Three-phase 220/380V.-60Hz. (up to 5.5CV.) and 380/660V.60Hz. (power over 5.5CV.)
- Max. air temperature to transport: -20°C.+ 120°C.

Finish:

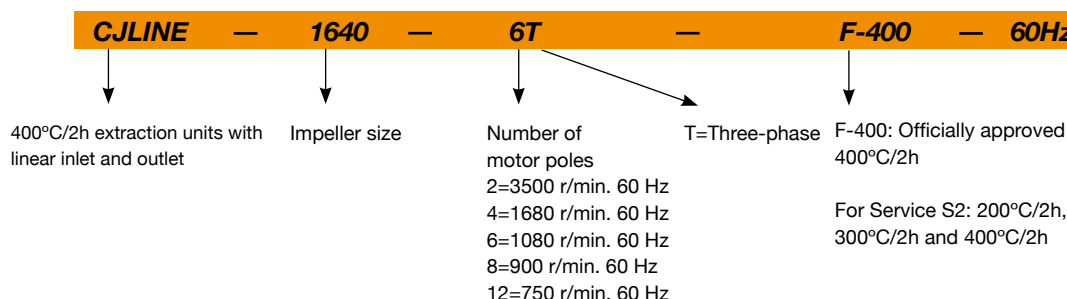
- Anticorrosive galvanized sheet steel.

On request:

- With single-speed motors.



Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJLINE-1131-4T	1620	1.45	0.84		0.25	1920	51	39
CJLINE-1131-4/8T	1680 / 840		0.7 / 0.3		0.25/ 0.1	1920 / 960	51 / 36	40
CJLINE-1235-4T	1620	1.45	0.84		0.25	3550	56	54
CJLINE-1235-4/8T	1680 / 840		0.7 / 0.3		0.25/ 0.1	3550 / 1775	56 / 41	55
CJLINE-1235-6T	1056	1.22	0.7		0.18	2300	50	55
CJLINE-1640-4T	1644	1.92	1.11		0.37	4800	61	65
CJLINE-1640-4/8T	1728 / 840		1.05 / 0.5		0.37/ 0.11	4800 / 2400	61 / 46	67
CJLINE-1640-6T	1080	1.51	0.87		0.25	2950	54	66
CJLINE/H-1650-4T	1680	5.97	3.45		1.5	9650	74	99
CJLINE-1845-4T	1656	3.34	1.93		0.75	6700	65	83
CJLINE-1845-4/8T	1710 / 852		2.3 / 0.9		0.75/ 0.12	6700 / 3350	65 / 50	84
CJLINE-1845-6T	1080	2.13	1.23		0.37	4360	57	81
CJLINE/H-1856-4T	1704	11.21	6.47		3	13580	77	117
CJLINE-1856-6T	1080	2.85	1.65		0.55	7720	59	142
CJLINE-1856-6/12T	1116 / 852		1.6 / 0.65		0.55/ 0.09	7720 / 3860	59 / 44	143
CJLINE-1856-8T	816	1.83	1.06		0.25	5800	52	143
CJLINE/H-2063-4T	1740		11.03	6.37	5.50	20900	79	228
CJLINE-2063-6T	1104	3.77	2.18		0.75	11100	61	185

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJLINE-2063-6/12T	1122 / 852		2.2 / 0.87		0.75/ 0.15	11100 / 5550	61 / 46	190
CJLINE-2063-8T	816	2.33	1.35		0.37	7730	54	188
CJLINE/H-2271-4T	1752		20.64	11.92	11	31170	84	283
CJLINE-2271-6T	1134	6.67	3.85		1.5	14300	65	205
CJLINE-2271-6/12T	1164 / 540		4.6 / 1.9		1.5/ 0.25	14300 / 7150	65 / 50	216
CJLINE-2271-8T	852	4.24	2.45		0.75	9900	57	204
CJLINE-2880-6T	1152	12.49	7.21		3	22800	67	275
CJLINE-2880-6/12T	1152 / 480		9 / 3.5		3/ 0.55	22800 / 11400	67 / 52	289
CJLINE-2880-8T	864	10.33	5.96		2.2	17200	58	275

Acoustic features

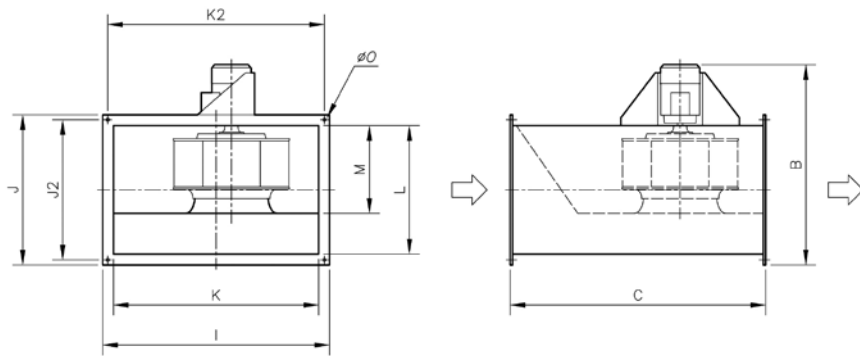
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
CJLINE 1131-4	42	51	57	56	60	60	52	46
CJLINE 1131-8	27	36	42	41	45	45	37	31
CJLINE 1235-4	49	58	64	63	67	66	59	53
CJLINE 1235-6	43	52	58	57	61	60	53	47
CJLINE 1235-8	34	43	59	48	52	51	44	38
CJLINE 1640-4	56	62	67	68	71	73	65	59
CJLINE 1640-6	49	55	60	61	64	66	58	52
CJLINE 1640-8	41	47	52	53	56	58	50	44
CJLINE/H 1650	64	74	82	84	83	85	76	66
CJLINE 1845-4	60	66	71	72	75	77	69	63
CJLINE 1845-6	52	58	63	64	67	69	61	55
CJLINE 1845-8	45	51	56	57	60	62	54	48
CJLINE 1856-6	58	64	69	70	73	72	65	60
CJLINE/H 1856-4	69	77	91	87	90	90	85	71

Model	63	125	250	500	1000	2000	4000	8000
CJLINE 1856-8	51	57	62	63	66	65	58	53
CJLINE 1856-12	43	49	54	55	58	57	50	45
CJLINE/H 2063-4	81	86	93	94	93	90	83	75
CJLINE 2063-6	60	66	72	72	76	76	68	61
CJLINE 2063-8	53	59	65	65	69	69	61	54
CJLINE 2063-12	45	51	57	57	61	61	53	46
CJLINE/H 2271-4	83	84	93	96	99	99	95	82
CJLINE 2271-6	64	70	76	76	80	80	72	65
CJLINE 2271-8	56	62	68	68	72	72	64	57
CJLINE 2271-12	49	55	61	61	65	65	57	50
CJLINE 2880-6	66	72	78	78	82	82	74	67
CJLINE 2880-8	57	63	69	69	73	73	65	58
CJLINE 2880-12	51	57	63	63	67	67	59	52

Dimensions in mm

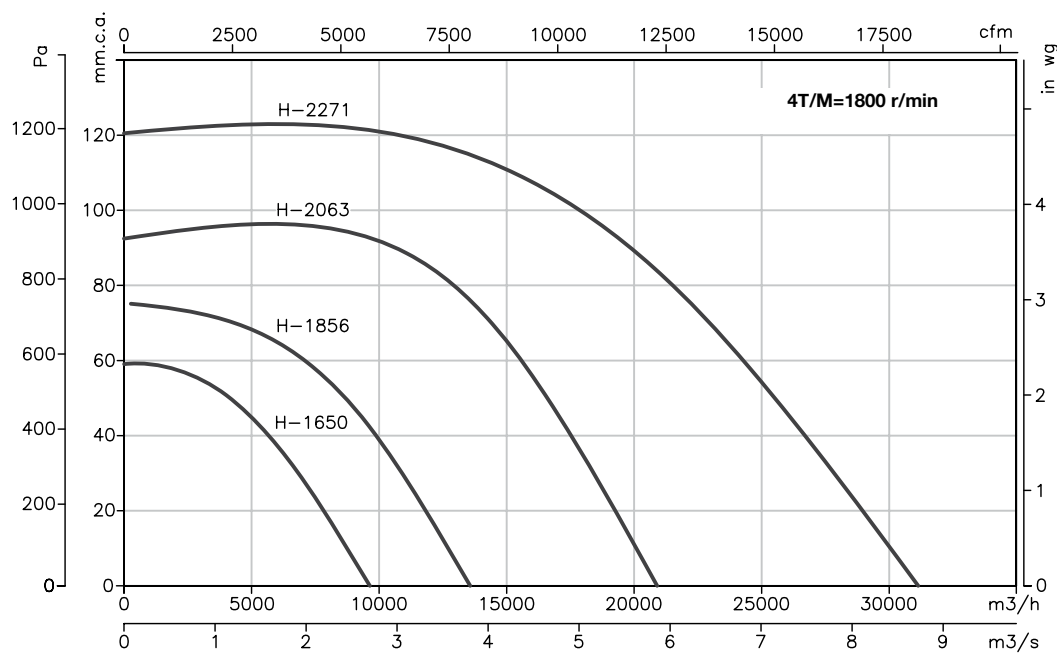
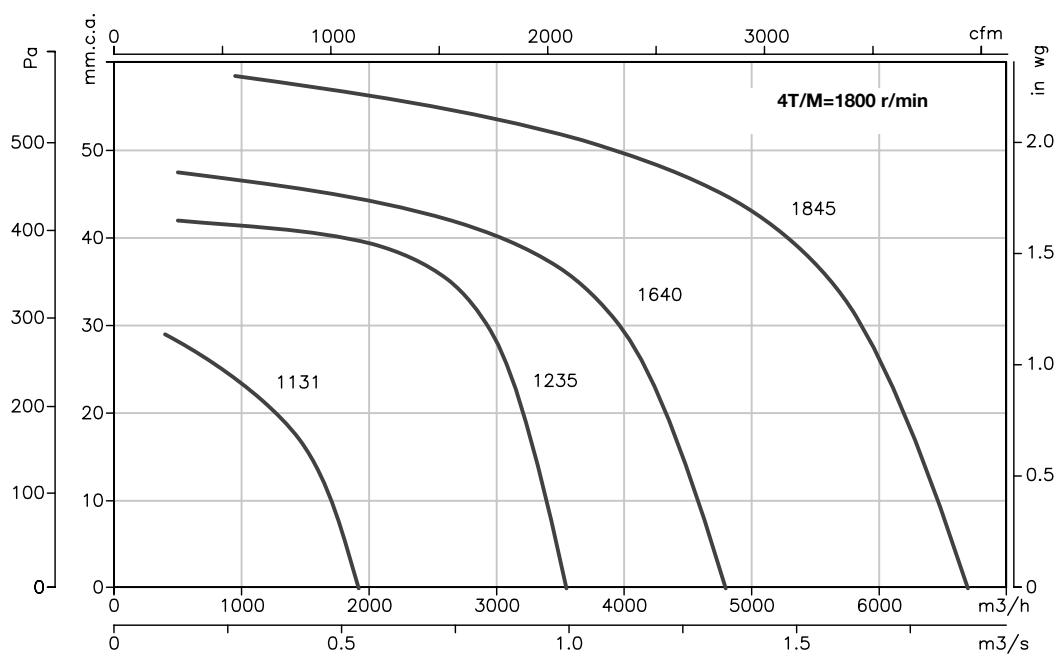


Model	B	C	I	J	J2	K	k2	L	M	ØO
CJLINE-1131	760	710	620	510	483	560	593	450	175	10
CJLINE-1235	830	800	680	560	533	620	653	500	213	10
CJLINE-1640	890	900	770	620	593	710	743	560	262	10
CJLINE-1650/H	942	1000	860	690	663	800	833	630	290	10
CJLINE-1845	1010	1000	860	690	663	800	833	630	290	10
CJLINE-1856	1280	1250	1060	860	833	1000	1033	800	378	10
CJLINE-1856/H	1150	1250	1060	860	833	1000	1033	800	378	10
CJLINE-2063	1390	1400	1205	980	938	1125	1163	900	378	12
CJLINE-2063/H	1320	1400	1205	980	938	1125	1163	900	378	12
CJLINE-2271	1470	1400	1270	980	938	1190	1228	900	378	12
CJLINE-2271/H	1518	1400	1270	980	938	1190	1228	900	378	12
CJLINE-2880	1590	1500	1330	1080	1038	1250	1288	1000	490	12

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

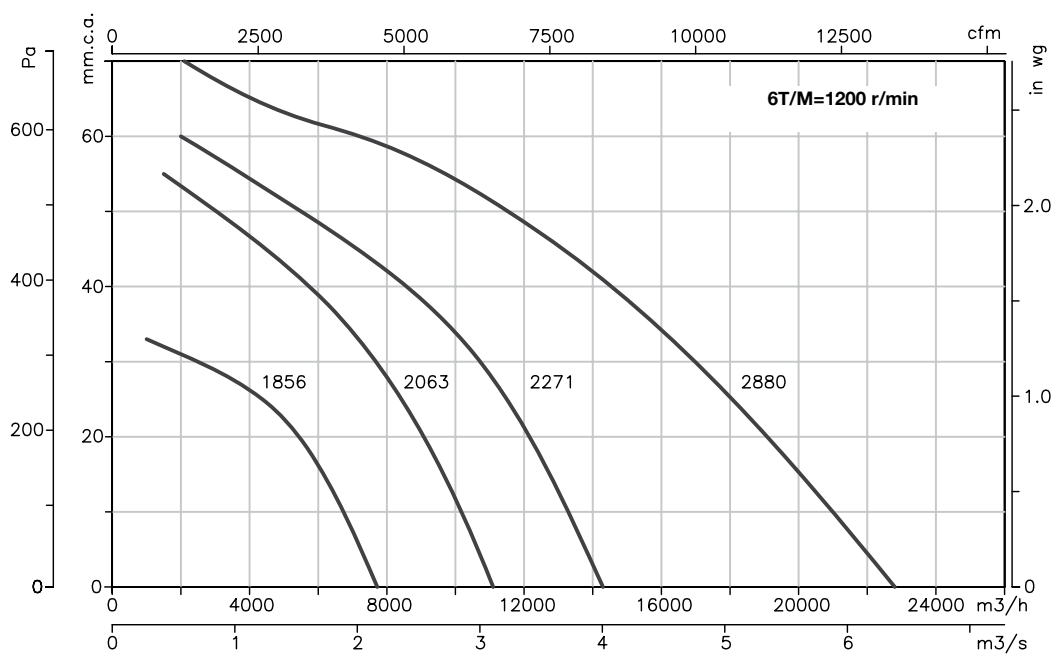
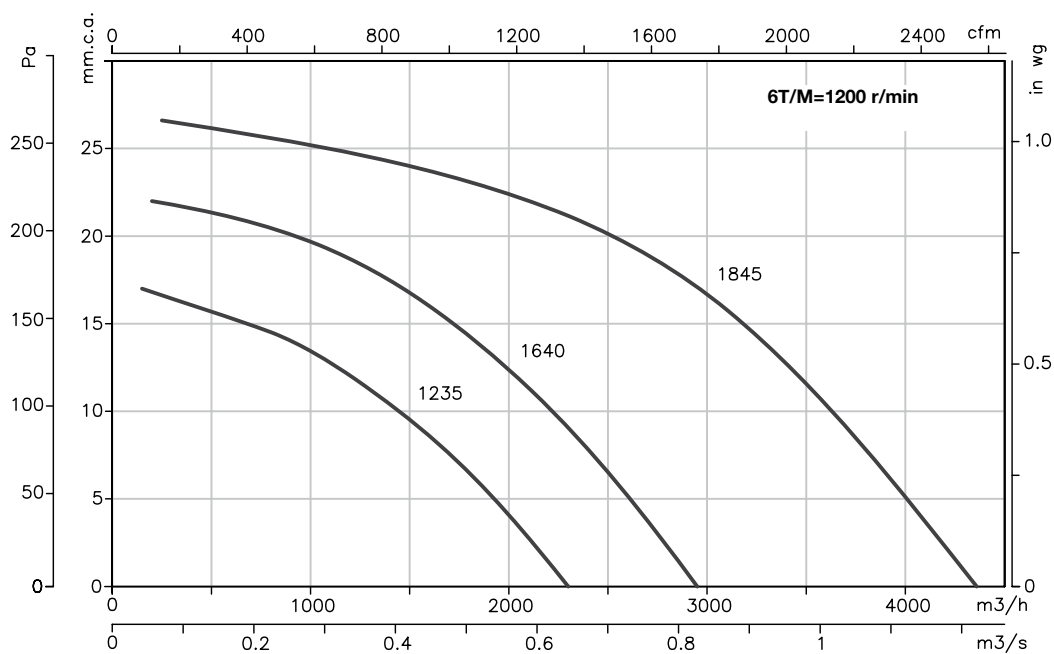
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

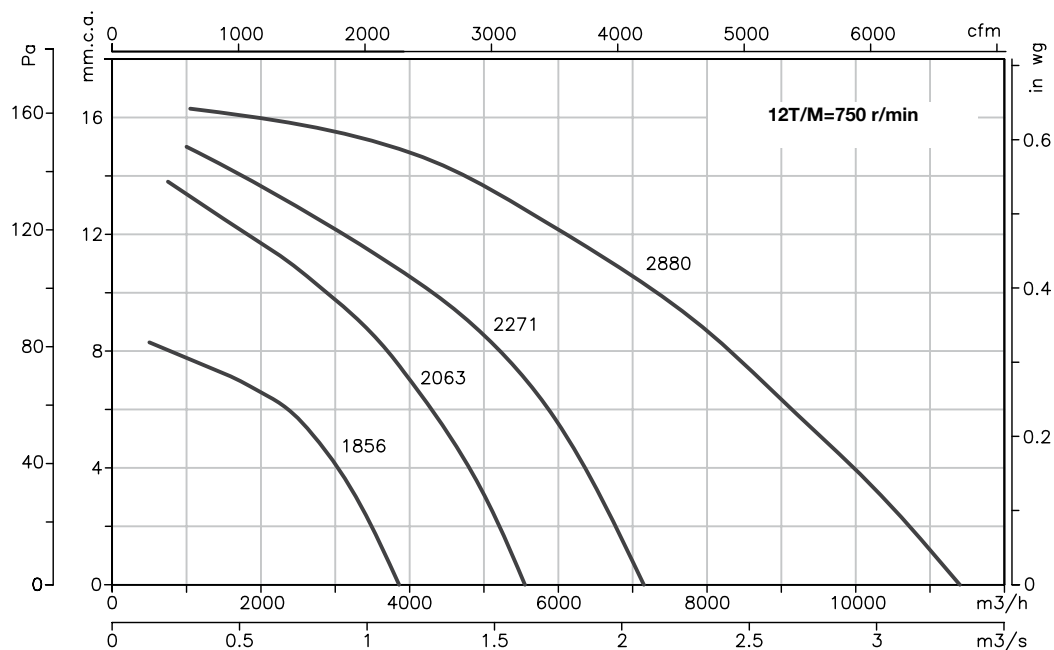
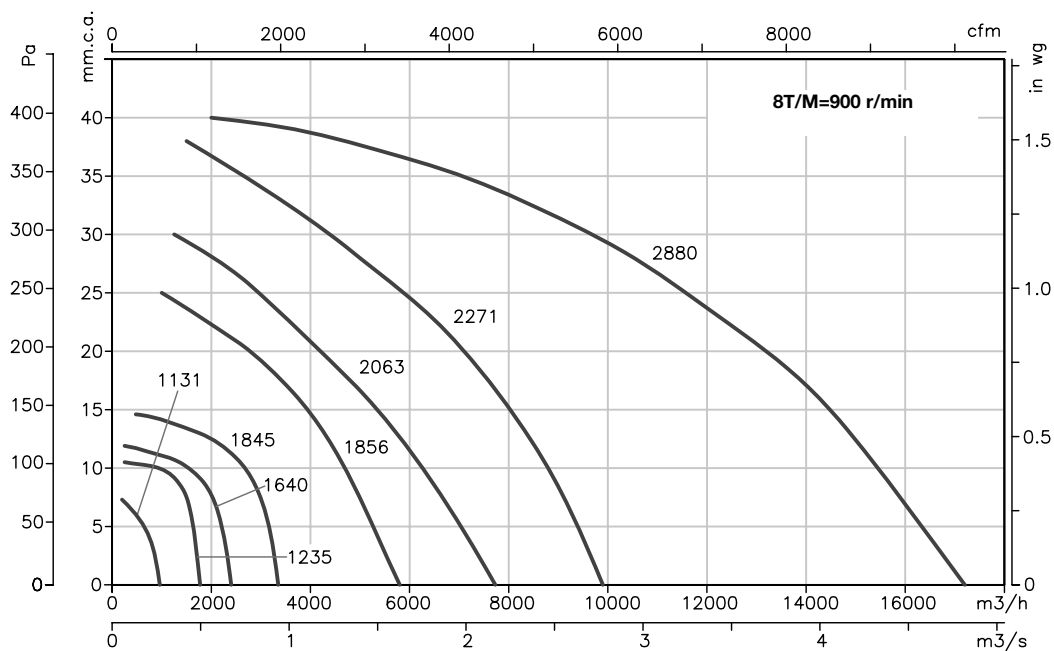
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



CJSX



Motor outside the
airflow path

400°C/2h belt-driven extraction units with single-inlet fan

400°C/2h extraction units with motor outside the airflow path to work outside fire danger zones.

Fan:

- Galvanized sheet steel structure.
- Impeller with forward-facing blades made from galvanised sheet steel
- Approval according to Standard EN-12101-3-2002

Motor:

- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Max. air temperature to transport: S1 Service -20°C+ 120°C for ongoing use, S2 Service 200°C/2h, 300°C/2h and 400°C/2h

Finish:

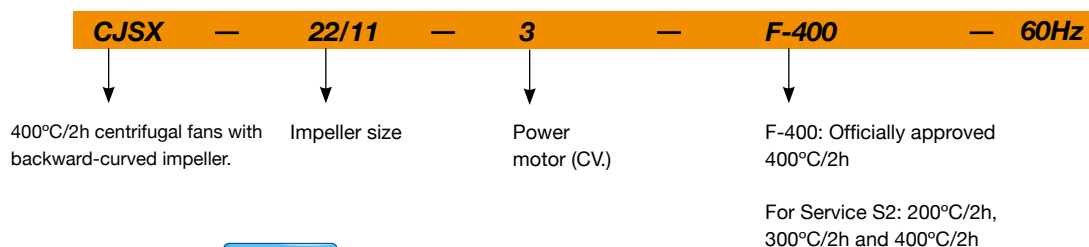
- Anticorrosive galvanized sheet steel.

On request:

- Fans with two-speed motor.
- Fans with vertical outlet



Order code



Technical characteristics

60Hz

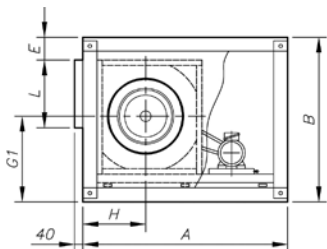
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJSX-12/6-0.75	1000	2.42	1.40		0.55	2600	69	73
CJSX-12/6-1	1100	3.29	1.90		0.75	3100	71	74
CJSX-12/6-1.5	1250	4.49	2.59		1.10	3500	74	77
CJSX-12/6-2	1300	5.98	3.45		1.50	4250	77	80
CJSX-12/6-3	1500	8.31	4.80		2.20	4800	79	85
CJSX-15/7-1	800	3.29	1.90		0.75	4000	67	92
CJSX-15/7-1.5	850	4.49	2.59		1.10	4800	69	95
CJSX-15/7-2	920	5.98	3.45		1.50	5400	72	98
CJSX-15/7-3	1000	8.31	4.80		2.20	6400	75	103
CJSX-15/7-4	1050	11.22	6.48		3.00	7400	77	106
CJSX-18/9-1.5	750	4.49	2.59		1.10	5800	68	111
CJSX-18/9-2	790	5.98	3.45		1.50	6600	70	114
CJSX-18/9-3	800	8.31	4.80		2.20	8200	74	119
CJSX-18/9-4	850	11.22	6.48		3.00	9000	76	122
CJSX-18/9-5.5	920	14.90	8.60		4.00	10500	78	125
CJSX-20/10-2	650	5.98	3.45		1.50	8100	65	203
CJSX-20/10-3	690	8.31	4.80		2.20	10100	68	208
CJSX-20/10-4	750	11.22	6.48		3.00	11500	70	211
CJSX-20/10-5.5	790	14.90	8.60		4.00	13100	73	214

Technical characteristics

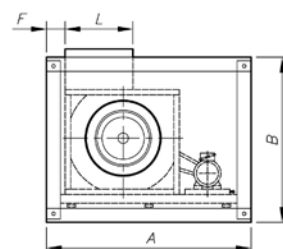
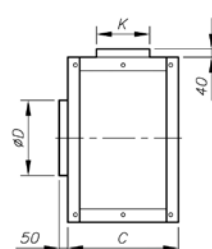
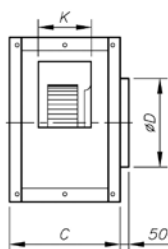
Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		220V	380V	660V				
CJSX-20/10-7.5	850		11.10	6.40	5.50	15000	75	227
CJSX-22/11-3	580	8.31	4.80		2.20	11200	67	219
CJSX-22/11-4	610	11.22	6.48		3.00	13000	70	222
CJSX-22/11-5.5	650	14.90	8.60		4.00	15000	72	225
CJSX-22/11-7.5	690		11.10	6.40	5.50	17000	74	238
CJSX-22/11-10	750		14.80	8.50	7.50	19000	76	246
CJSX-22/11-12.5	790		17.80	10.30	9.20	21000	78	257
CJSX-22/11-15	830		21.50	12.40	11.00	22000	79	273
CJSX-22/11-20	910		28.50	16.50	15.00	24500	81	292
CJSX-22/11-25	1000		35.00	20.20	18.50	26000	83	322
CJSX-25/13-4	520	11.22	6.48		3.00	14000	62	254
CJSX-25/13-5.5	550	14.90	8.60		4.00	17000	65	257
CJSX-25/13-7.5	590		11.10	6.40	5.50	19500	67	270
CJSX-25/13-10	620		14.80	8.50	7.50	23000	70	278
CJSX-25/13-12.5	650		17.80	10.30	9.20	25000	72	289
CJSX-25/13-15	690		21.50	12.40	11.00	26500	74	305
CJSX-25/13-20	750		28.50	16.50	15.00	29500	75	324
CJSX-25/13-25	810		35.00	20.20	18.50	32000	77	354
CJSX-30/14-5.5	400	14.90	8.60		4.00	21000	69	331
CJSX-30/14-7.5	425		11.10	6.40	5.50	24000	72	344
CJSX-30/14-10	460		14.80	8.50	7.50	27500	74	352
CJSX-30/14-12.5	480		17.80	10.30	9.20	30000	76	363
CJSX-30/14-15	500		21.50	12.40	11.00	33000	77	379
CJSX-30/14-20	550		28.50	16.50	15.00	36500	78	398
CJSX-30/14-25	600		35.00	20.20	18.50	38000	81	428

Dimensions in mm

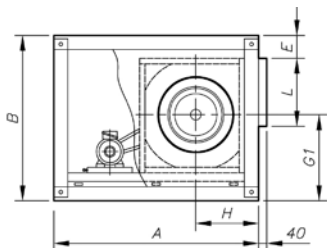
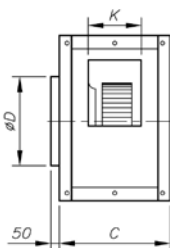
Standard supply horizontal outlet (H) RD-90



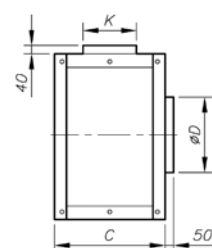
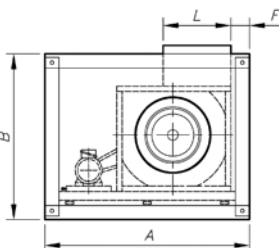
On request vertical outlet (V) RD -0



On request horizontal outlet (H) LG -90



On request vertical outlet (V) LG -0

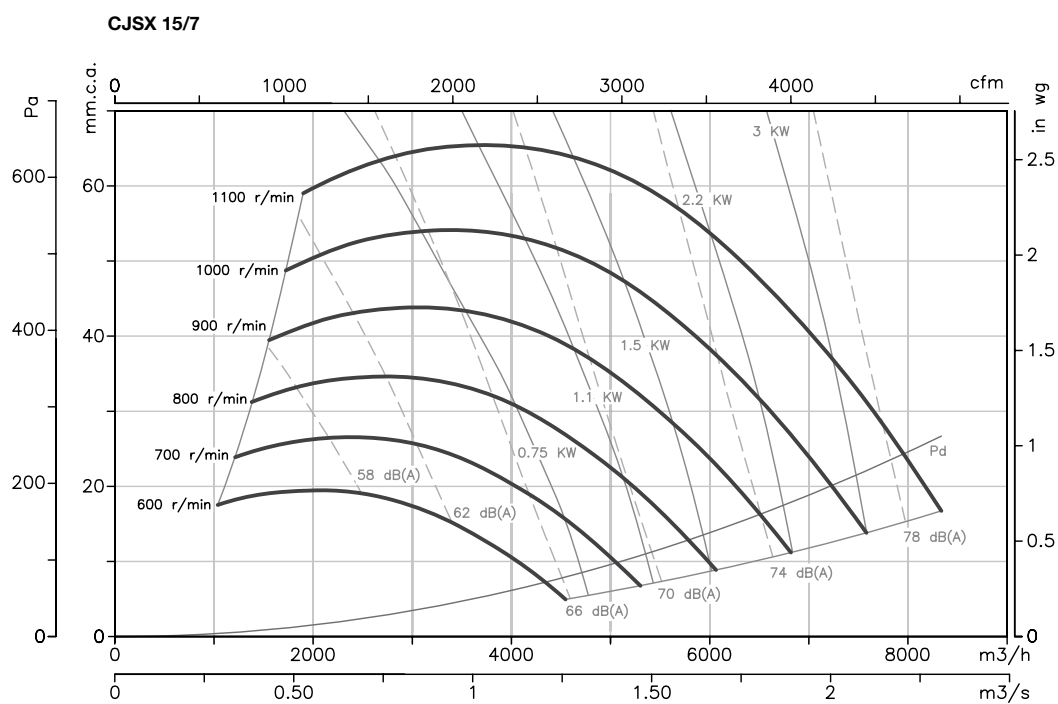
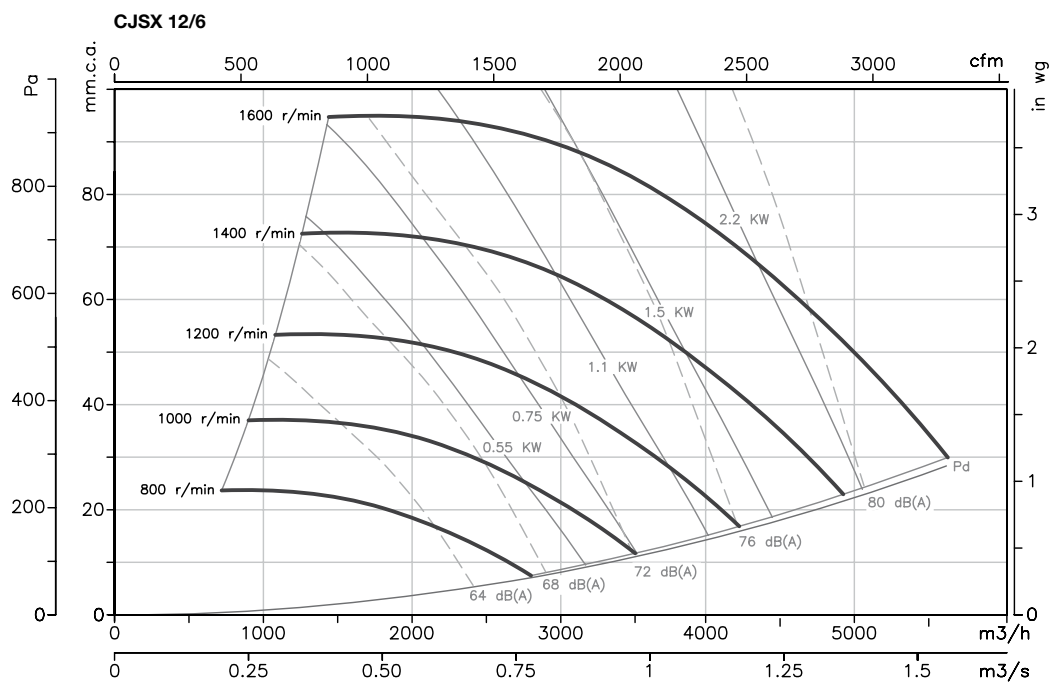


Model	A	B	C	ØD	E	with bedplate E	F	G1	with bedplate G1	H	L	with bedplate L	K
CJSX-12/6-H	850	650	540	330	74	-	-	288	-	288	346	-	210
CJSX-12/6-V	850	650	540	330	-	-	30	318	-	328	346	-	210
CJSX-15/7-H	1000	755	600	400	74	-	-	328	-	328	411	-	270
CJSX-15/7-V	1000	755	600	400	-	-	30	378	-	383	411	-	270
CJSX-18/9-H	1200	875	620	480	74	-	-	383	-	388	491	-	305
CJSX-18/9-V	1200	875	620	480	-	-	30	433	-	448	491	-	305
CJSX-20/10-H	1485	1175	730	565	175	120	-	475	530	440	613	605	343
CJSX-20/10-V	1485	1175	730	565	-	-	75	535	-	585	613	-	343
CJSX-22/11-H	1570	1250	760	615	165	110	-	510	565	470	708	700	373
CJSX-22/11-V	1570	1250	760	615	-	-	75	570	-	640	708	-	373
CJSX-25/13-H	1610	1375	820	685	175	120	-	550	605	495	803	795	423
CJSX-25/13-V	1610	1375	820	685	-	-	75	625	-	705	803	-	423
CJSX-30/14-H	1845	1600	855	820	160	95	-	655	710	580	943	935	488
CJSX-30/14-V	1845	1600	855	820	-	-	75	760	-	825	943	-	488

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

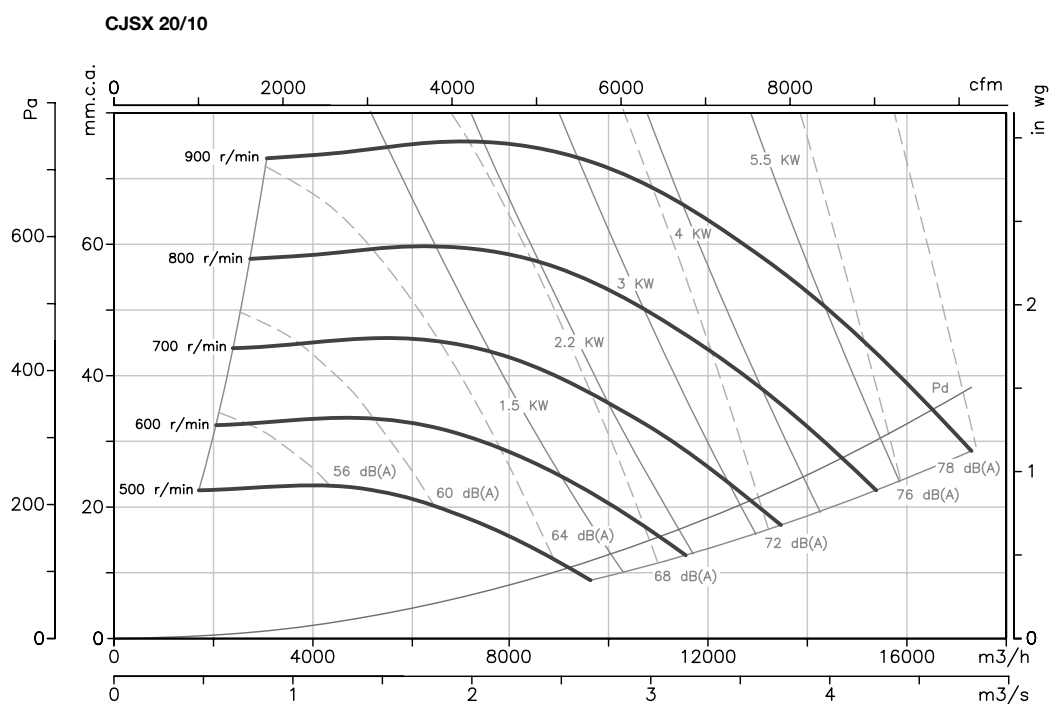
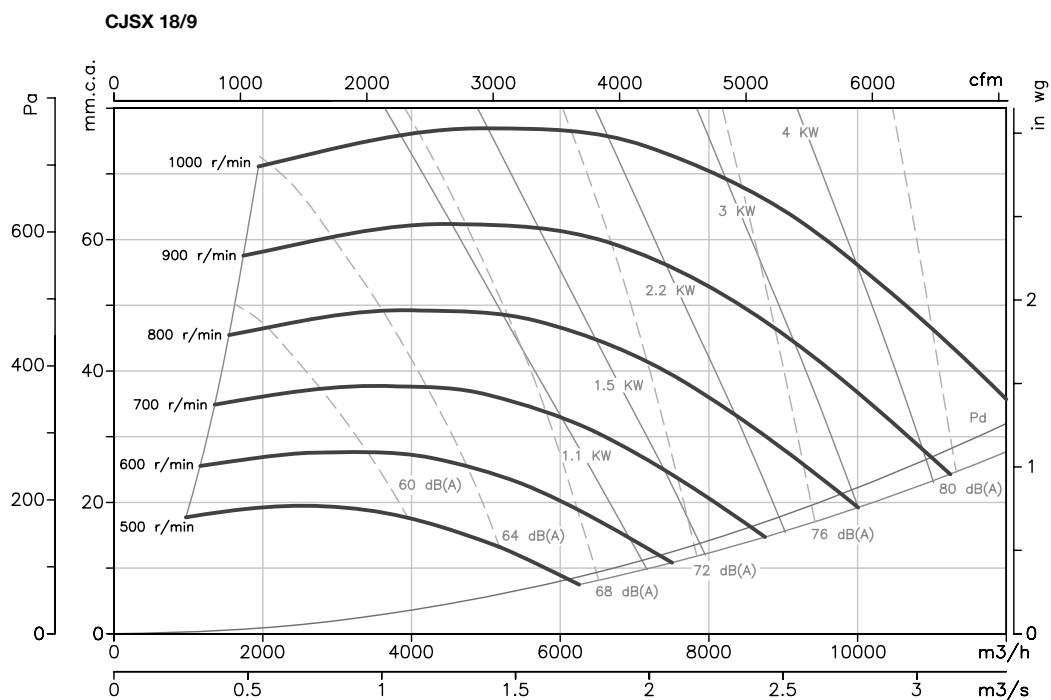
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

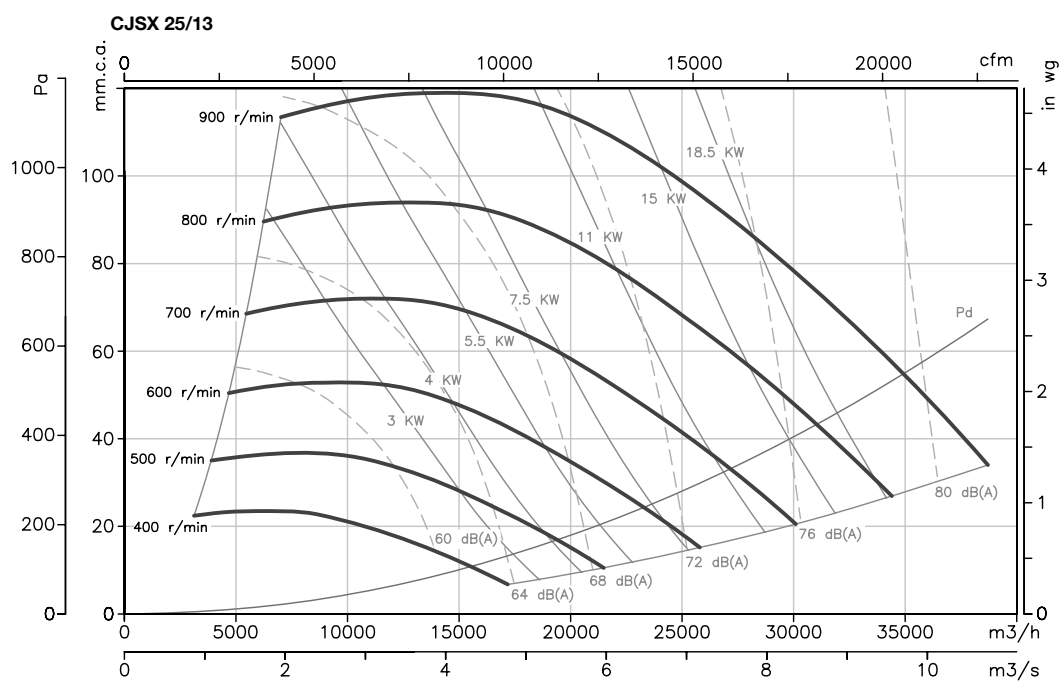
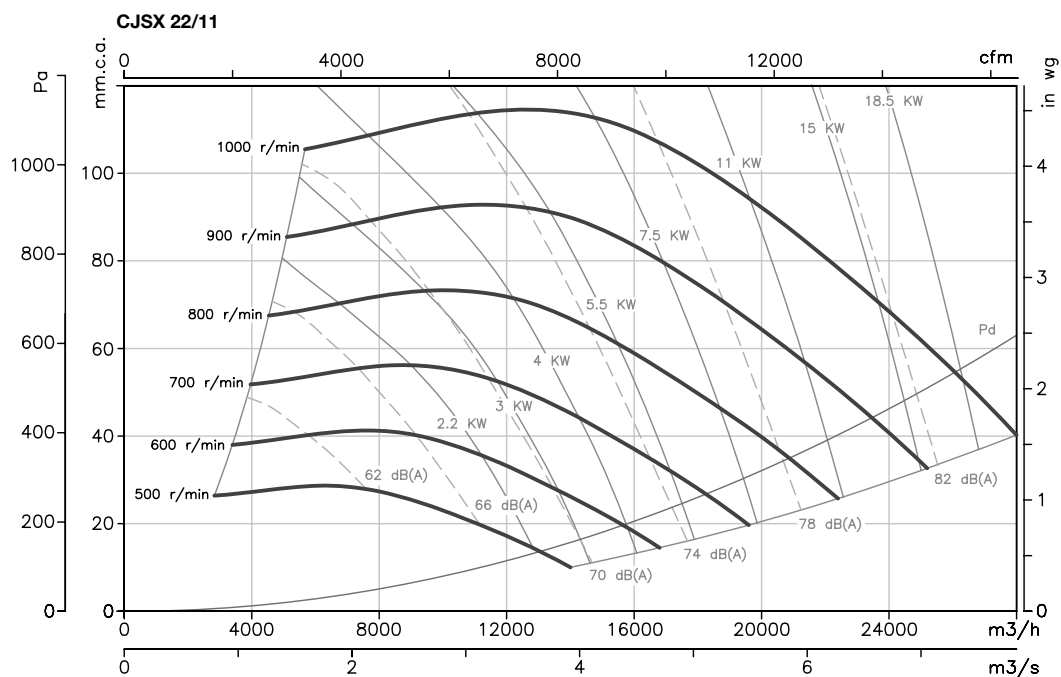
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

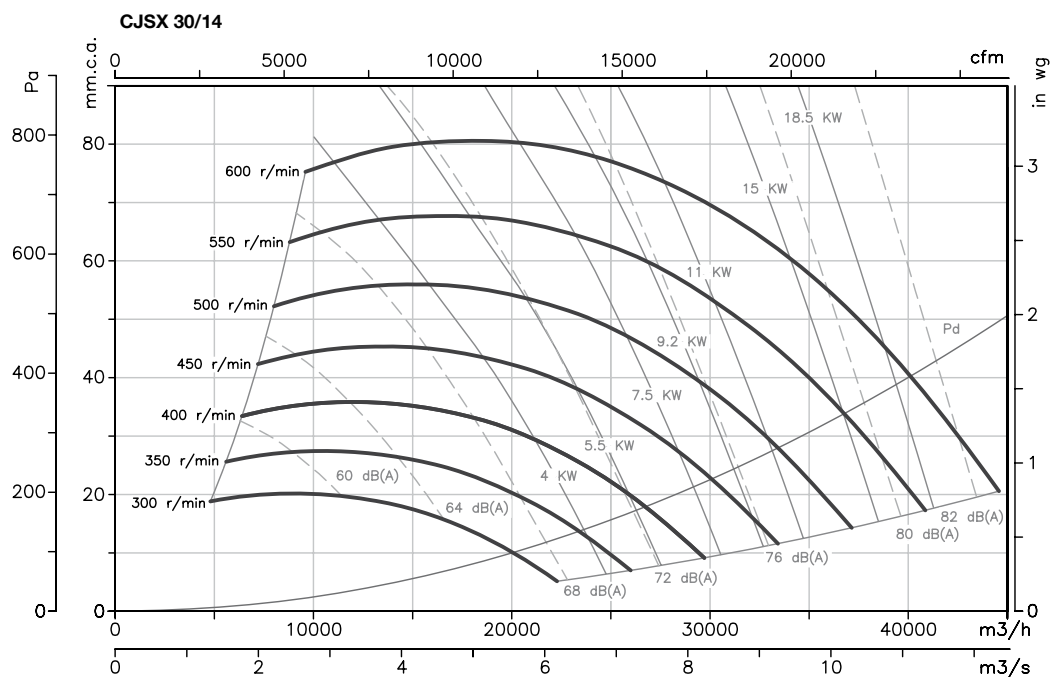
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



CSX CJSRX



CSX



CJSRX

400°C/2h centrifugal belt-driven fans and extraction units to work outside fire danger zones with backward-curved impeller

CSX: 400°C/2h centrifugal belt-driven fans with backward-curved impeller.

CJSRX: 400°C/2h belt-driven extraction units with backward-curved impeller

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from sheet steel
- Approval according to Standard EN -12101-3:2002
- Protective anti-contact guard

Motor:

- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: S1 Service -20°C to +150°C for ongoing use, S2 Service 200°C/2h, 300°C/2h and 400°C/2h

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Special windings for different voltages
- Fan designed to transport air up to 100°C
- Fans with two-speed motor.



High-performance and robust backward-curved impeller.



Order code

CSX	—	800	—	5,5	—	F-400	—	60Hz
CSX: 400°C/2h centrifugal belt-driven fans to work outside fire danger zones.		CJSRX: 400°C/2h belt-driven extraction units with backward-curved impeller	Impeller size	Power motor (CV)		F-400: Officially approved 400°C/2h		For Service S2: 200°C/2h, 300°C/2h and 400°C/2h

Technical characteristics

60Hz

Model			Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)
				220V	380V	660V			
CSX	CJSRX	315-0.75	1880	2.35	1.35	-	0.55	3075	32
CSX	CJSRX	315-1	2095	3.13	1.80	-	0.75	3430	34
CSX	CJSRX	315-1.5	2375	4.35	2.50	-	1.10	3885	36
CSX	CJSRX	315-2	2655	5.83	3.35	-	1.50	4345	39
CSX	CJSRX	315-3	3000	7.60	4.37	-	2.20	4910	42
CSX	CJSRX	355-0.75	1580	2.43	1.40	-	0.55	3685	41
CSX	CJSRX	355-1	1765	3.13	1.80	-	0.75	4120	44

Technical characteristics

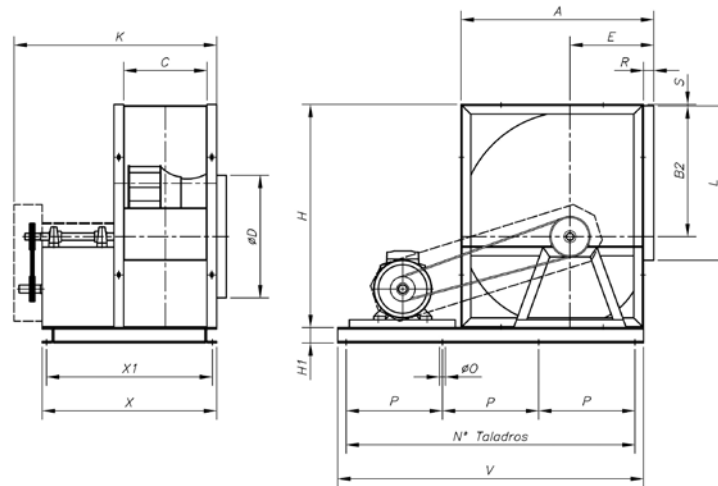
Model			Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)
				220V	380V (A)	660V			
CSX	CJSRX	355-1.5	2010	4.35	2.50	-	1.10	4690	46
CSX	CJSRX	355-2	2225	5.83	3.35	-	1.50	5190	48
CSX	CJSRX	355-3	2530	7.60	4.37	-	2.20	5905	53
CSX	CJSRX	355-4	2860	10.35	5.95	-	3.00	6675	57
CSX	CJSRX	400-0.75	1320	2.35	1.35	-	0.55	4375	49
CSX	CJSRX	400-1	1465	3.30	1.90	-	0.75	4855	52
CSX	CJSRX	400-1.5	1665	4.50	2.59	-	1.10	5515	54
CSX	CJSRX	400-2	1845	5.83	3.35	-	1.50	6110	56
CSX	CJSRX	400-3	2100	7.60	4.37	-	2.20	6955	59
CSX	CJSRX	400-4	2370	10.35	5.95	-	3.00	7850	64
CSX	CJSRX	400-5.5	2610	13.22	7.60	-	4.00	8645	72
CSX	CJSRX	450-0.75	1095	2.43	1.40	-	0.55	5045	61
CSX	CJSRX	450-1	1220	3.30	1.90	-	0.75	5620	64
CSX	CJSRX	450-1.5	1390	4.50	2.59	-	1.10	6405	66
CSX	CJSRX	450-2	1540	6.00	3.45	-	1.50	7095	68
CSX	CJSRX	450-3	1750	8.35	4.80	-	2.20	8065	72
CSX	CJSRX	450-4	1980	10.35	5.95	-	3.00	9120	76
CSX	CJSRX	450-5.5	2180	13.22	7.60	-	4.00	10045	85
CSX	CJSRX	450-7.5	2420	-	10.50	6.09	5.50	11150	95
CSX	CJSRX	450-10	2670	-	13.90	8.06	7.50	12300	100
CSX	CJSRX	450-12.5	2800	-	16.80	9.74	9.20	12900	108
CSX	CJSRX	500-1.5	1140	4.50	2.59	-	1.10	7330	88
CSX	CJSRX	500-2	1270	6.00	3.45	-	1.50	8165	90
CSX	CJSRX	500-3	1445	8.35	4.80	-	2.20	9290	93
CSX	CJSRX	500-4	1635	11.27	6.48	-	3.00	10510	98
CSX	CJSRX	500-5.5	1800	13.91	8.00	-	4.00	11570	107
CSX	CJSRX	500-7.5	2000	-	11.10	6.43	5.50	12855	116
CSX	CJSRX	500-10	2220	-	13.90	8.06	7.50	14270	121
CSX	CJSRX	500-12.5	2375	-	16.80	9.74	9.20	15270	130
CSX	CJSRX	500-15	2525	-	20.50	11.88	11.00	16230	156
CSX	CJSRX	560-2	1035	6.00	3.45	-	1.50	9885	100
CSX	CJSRX	560-3	1185	8.35	4.80	-	2.20	11360	103
CSX	CJSRX	560-4	1340	11.27	6.48	-	3.00	12880	108
CSX	CJSRX	560-5.5	1475	13.91	8.00	-	4.00	14210	117
CSX	CJSRX	560-7.5	1640	-	11.10	6.43	5.50	15830	122
CSX	CJSRX	560-10	1815	-	14.80	8.58	7.50	17555	132
CSX	CJSRX	560-12.5	1945	-	16.80	9.74	9.20	18830	141
CSX	CJSRX	560-15	2065	-	20.50	11.88	11.00	20010	166
CSX	CJSRX	630-3	1010	8.35	4.80	-	2.20	12120	119
CSX	CJSRX	630-4	1140	11.27	6.48	-	3.00	13680	123
CSX	CJSRX	630-5.5	1255	13.91	8.00	-	4.00	15060	132
CSX	CJSRX	630-7.5	1395	-	11.10	6.43	5.50	16740	138
CSX	CJSRX	630-10	1550	-	14.80	8.58	7.50	18600	147
CSX	CJSRX	630-12.5	1660	-	17.50	10.14	9.20	19920	156
CSX	CJSRX	630-15	1760	-	22.00	12.75	11.00	21120	181
CSX	CJSRX	630-20	1980	-	29.00	16.81	15.00	23760	202
CSX	CJSRX	710-4	960	11.27	6.48	-	3.00	17065	186
CSX	CJSRX	710-5.5	1060	13.91	8.00	-	4.00	18845	195
CSX	CJSRX	710-7.5	1180	-	11.10	6.43	5.50	20980	200
CSX	CJSRX	710-10	1305	-	14.80	8.58	7.50	23200	210
CSX	CJSRX	710-12.5	1400	-	17.50	10.14	9.20	24890	219
CSX	CJSRX	710-15	1485	-	22.00	12.75	11.00	26400	244
CSX	CJSRX	710-20	1670	-	29.00	16.81	15.00	29690	265
CSX	CJSRX	710-25	1790	-	36.50	21.16	18.50	31820	285
CSX		800-4	765	11.27	6.48	-	3.00	19975	226
CSX		800-5.5	845	13.91	8.00	-	4.00	22065	234
CSX		800-7.5	940	-	11.10	6.43	5.50	24545	240
CSX		800-10	1040	-	14.80	8.58	7.50	27155	250
CSX		800-12.5	1115	-	17.50	10.14	9.20	29115	259
CSX		800-15	1185	-	22.00	12.75	11.00	30940	284
CSX		800-20	1330	-	29.00	16.81	15.00	34730	305
CSX		800-25	1425	-	36.50	21.16	18.50	37210	325
CSX		800-30	1510	-	42.00	24.35	22.00	39430	344
CSX		900-4	640	11.27	6.48	-	3.00	21200	281
CSX		900-5.5	705	13.91	8.00	-	4.00	23355	289
CSX		900-7.5	785	-	11.10	6.43	5.50	26005	295

Technical characteristics

Model		Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Approx. weight (Kg)
			220V	380V (A)	660V			
CSX	900-10	870	-	14.80	8.58	7.50	28820	305
CSX	900-12.5	930	-	17.50	10.14	9.20	30805	314
CSX	900-15	990	-	22.00	12.75	11.00	32795	339
CSX	900-20	1110	-	29.00	16.81	15.00	36770	360
CSX	900-25	1190	-	36.50	21.16	18.50	39420	380
CSX	900-30	1260	-	42.00	24.35	22.00	41740	399
CSX	900-40	1400	-	59.00	34.2	30.00	46375	453
CSX	1000-5.5	575	13.91	8.00	-	4.00	25555	342
CSX	1000-7.5	645	-	11.10	6.43	5.50	28665	348
CSX	1000-10	715	-	14.80	8.58	7.50	31780	358
CSX	1000-12.5	765	-	17.50	10.14	9.20	34000	366
CSX	1000-15	815	-	22.00	12.75	11.00	36220	392
CSX	1000-20	915	-	29.00	16.81	15.00	40665	413
CSX	1000-25	980	-	36.50	21.16	18.50	43555	432
CSX	1000-30	1040	-	42.00	24.35	22.00	46220	452
CSX	1000-40	1150	-	59.00	34.2	30.00	51110	506
CSX	1000-50	1200	-	68.00	39.42	37.00	53335	549

Dimensions in mm

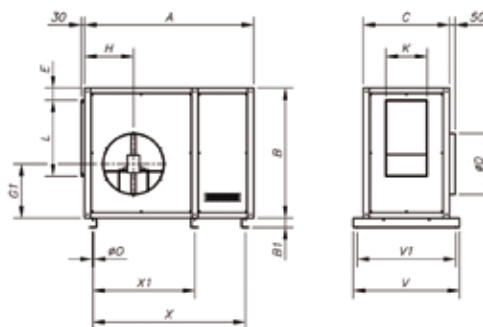
RD 90 standard supply



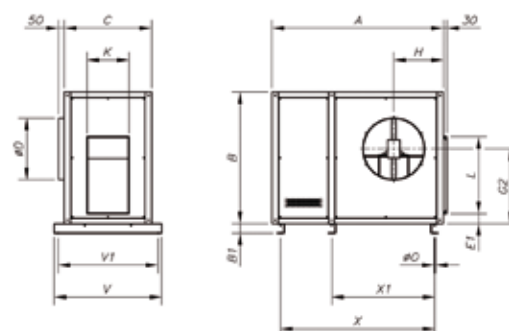
Model	A	B2	C	øD	E	H	H1	K	L	øO	P	Drills No.	R	S	V	X	X1
CSX -315	518	340	223	322	236	578	80	630	404	12	440	3	38	3	920	590	550
CSX -355	578	383	247	362	261	655	80	720	453	12	470	3	30	6	980	630	590
CSX -400	651	431.5	274	404	290	736	80	750	507	12	530	3	38	4.5	1100	676	636
CSX -450	726	486	308	448	322	827	80	858	569	12	580	3	45	5	1200	728	688
CSX -500	800	538	344	510	352	918	80	885	638	12	620	3	50	5	1280	764	724
CSX -560	893	603	383	570	390	1030	80	980	715	12	680	3	48	8	1400	855	815
CSX -630	999	678.5	432	635	434	1157	80	1040	801	12	503	4	53	7	1550	904	864
CSX -710	1121	765	478	722	485	1303	80	1150	898	12	553	4	63	7	1700	1030	985
CSX -800	1250	862	533	808	535	1468	80	1220	1007	12	613	4	69	7	1880	1084	1034
CSX -900	1408	971	595	896	604	1648	80	1390	1130	12	502.5	5	89	7	2050	1196	1136
CSX -1000	1541	1066	663	996	657	1810	80	1450	1267	12	552.5	5	79	9	2050	1305	1255

Dimensions in mm

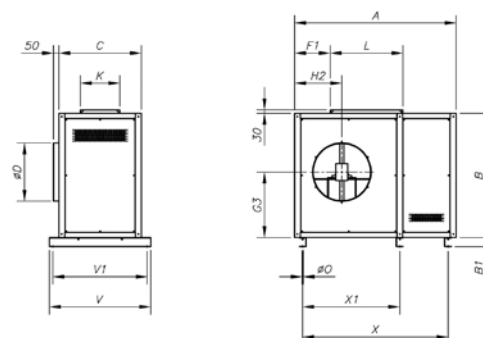
Standard supply
horizontal outlet (H) RD 90



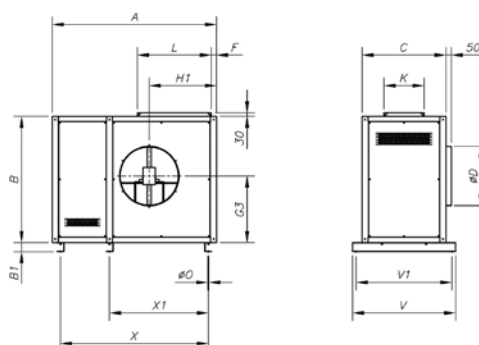
On request
horizontal outlet (H) LG 90



On request
vertical outlet (V) LG 0



On request
vertical outlet (V) RD 0

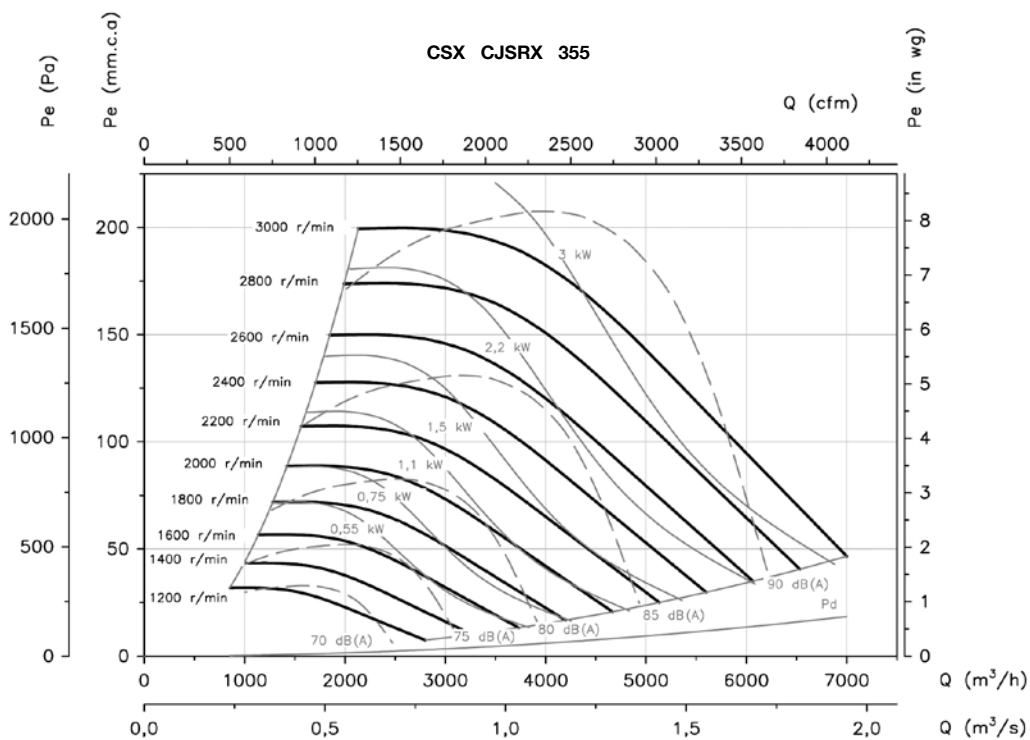
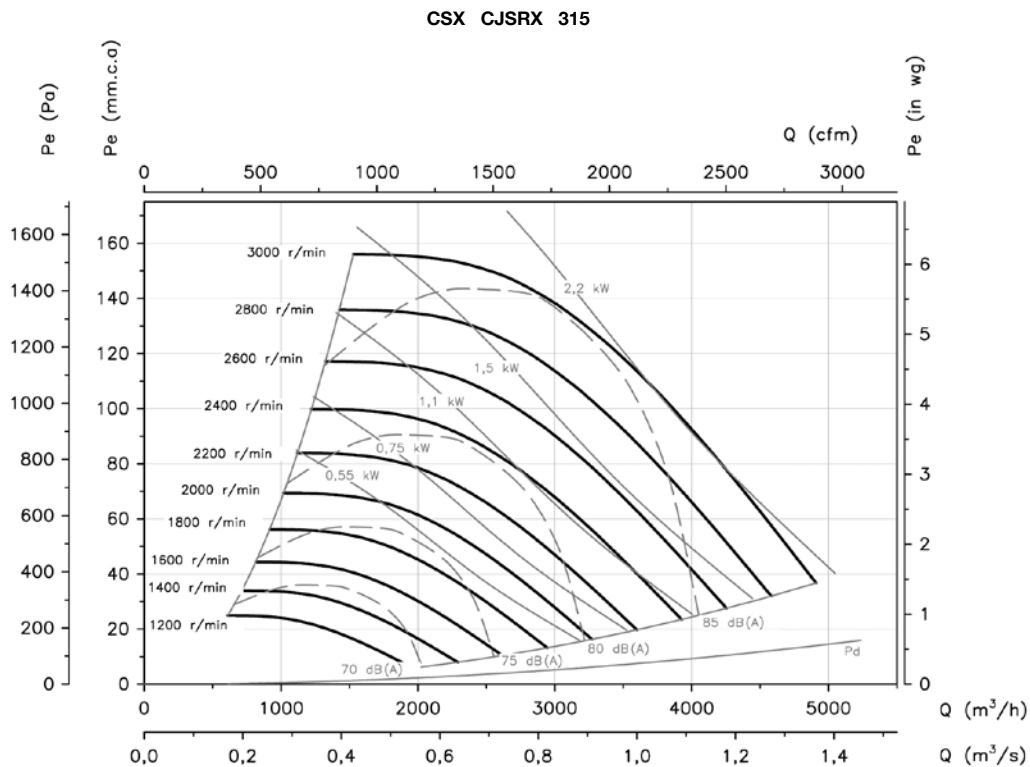


Model	A	B	B1	C	ØD	E	E1	F	F1	G1	G2	G3	H	H1	H2	L	K	ØD	V	V1	X	X1
CJSXR-315	950	740	60	560	315	81	82	43.5	211.5	316	424	363	307.5	386	278	409	228	15	727	647	808	-
CJSXR-355	1080	785	60	610	365	77	85	46.5	236.5	347	470	398	340.5	432	309	458	252	15	777	697	938	-
CJSXR-400	1200	900	60	645	405	84	82	44	264	381	517	442	361.5	479	343	514	280	15	812	732	1058	-
CJSXR-450	1355	980	60	695	450	74	83	45	293	417	572	485	386.5	534	379	575	314	15	857	777	1213	-
CJSXR-500	1430	1100	60	730	515	103	83	45	315	456	624	579	413.5	585	415	644	350	15	897	817	1289	-
CJSXR-560	1600	1250	60	800	575	143	85.5	47.5	346.5	501	691	584	451	653	463	721	390	15	967	887	1458	958
CJSXR-630	1720	1350	60	850	640	116	85	47	389	553	766.5	646	492.5	728.5	515.5	807	438	15	1017	937	1579	1100
CJSXR-710	1928	1530	60	943	725	140	95	47	440	622	863	727	533.5	815	574	904	484	15	1110	1030	1787	1208.5

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

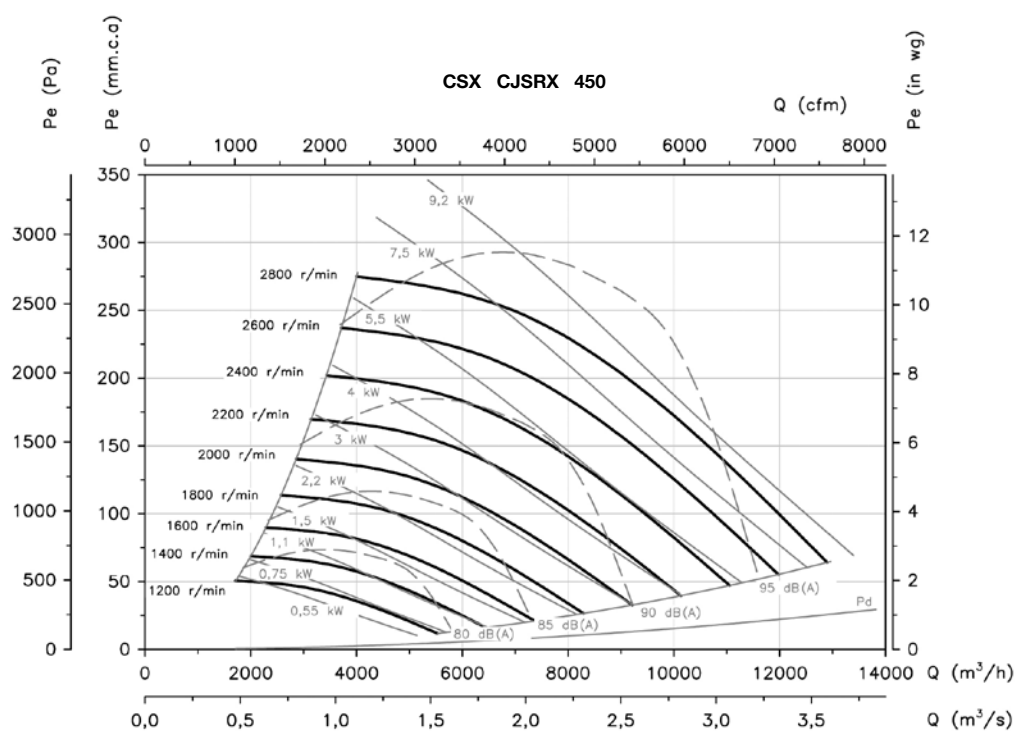
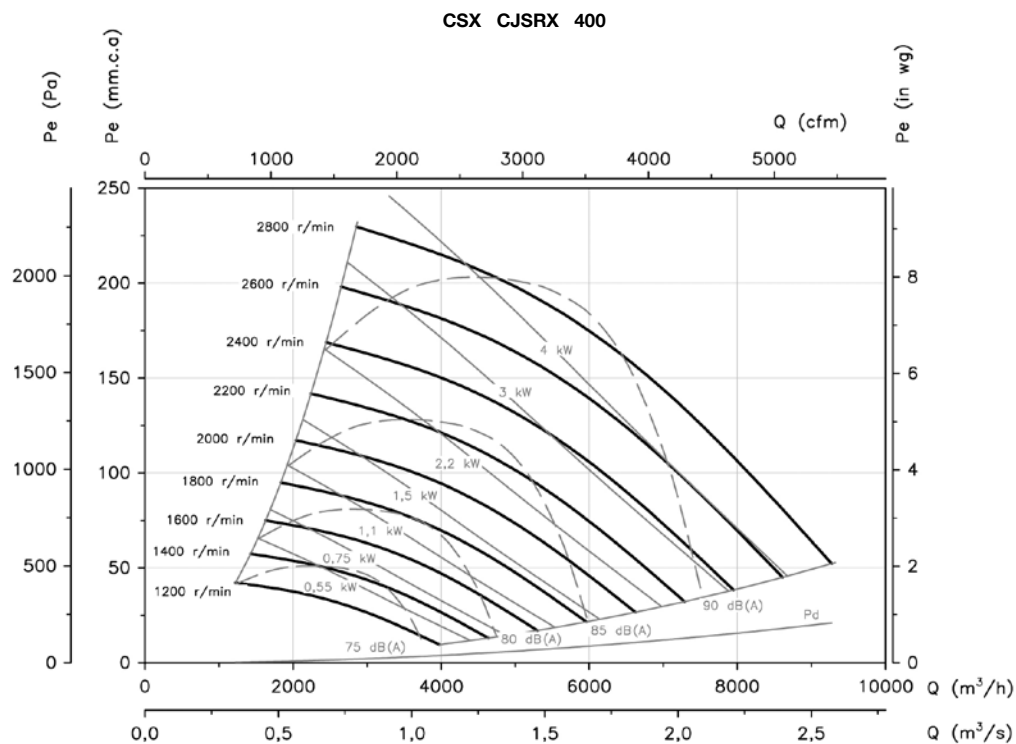
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

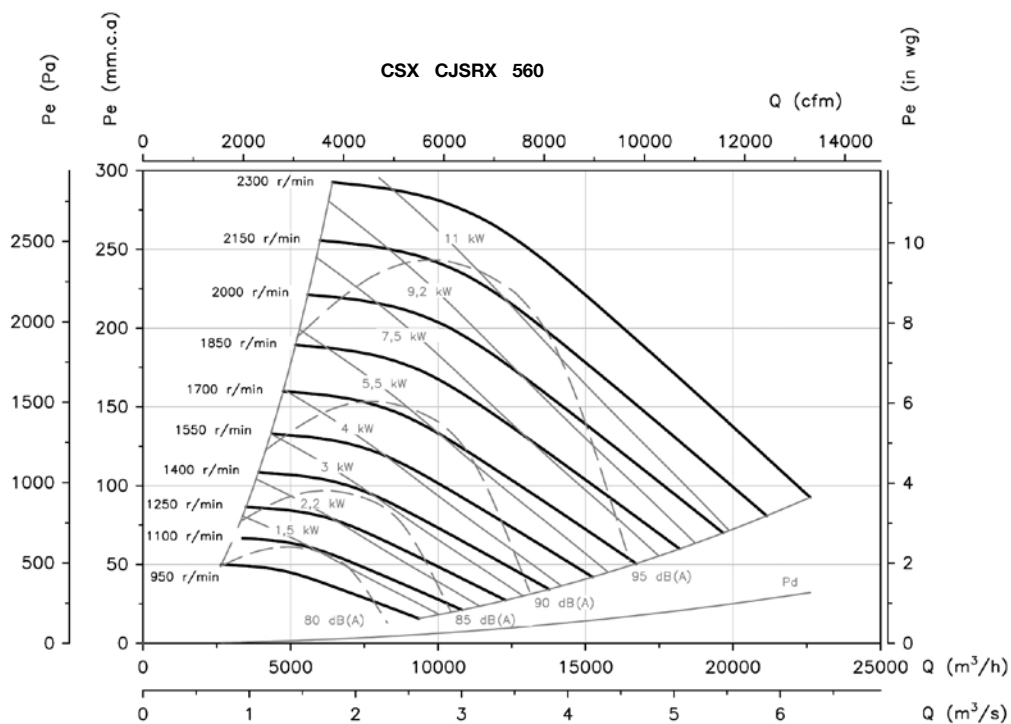
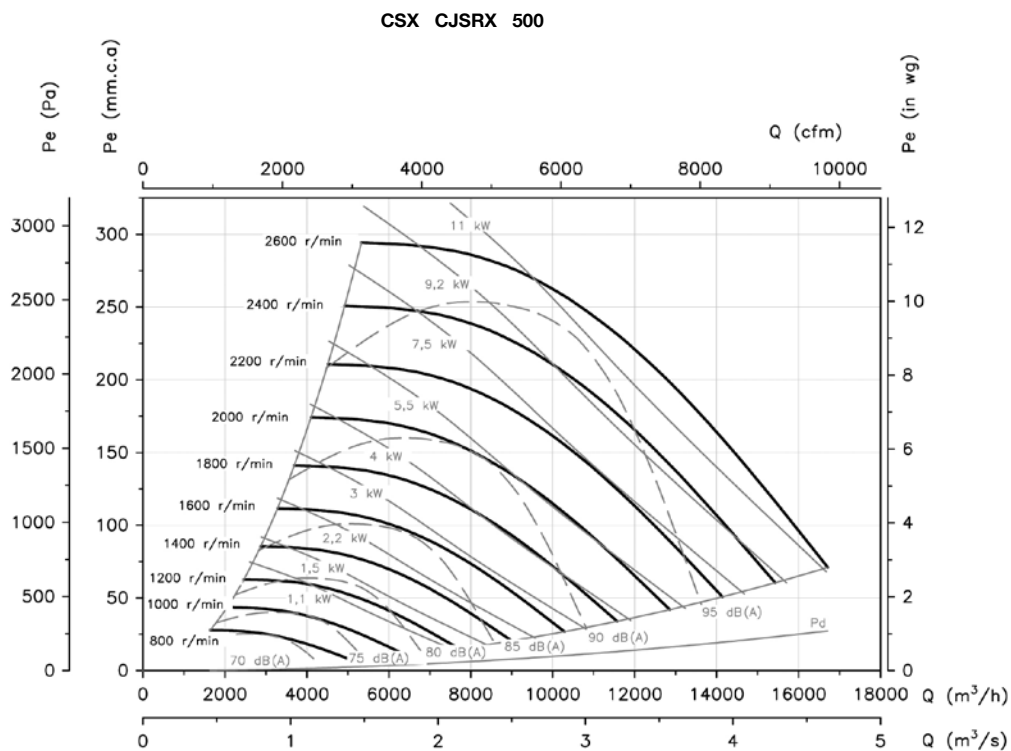
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

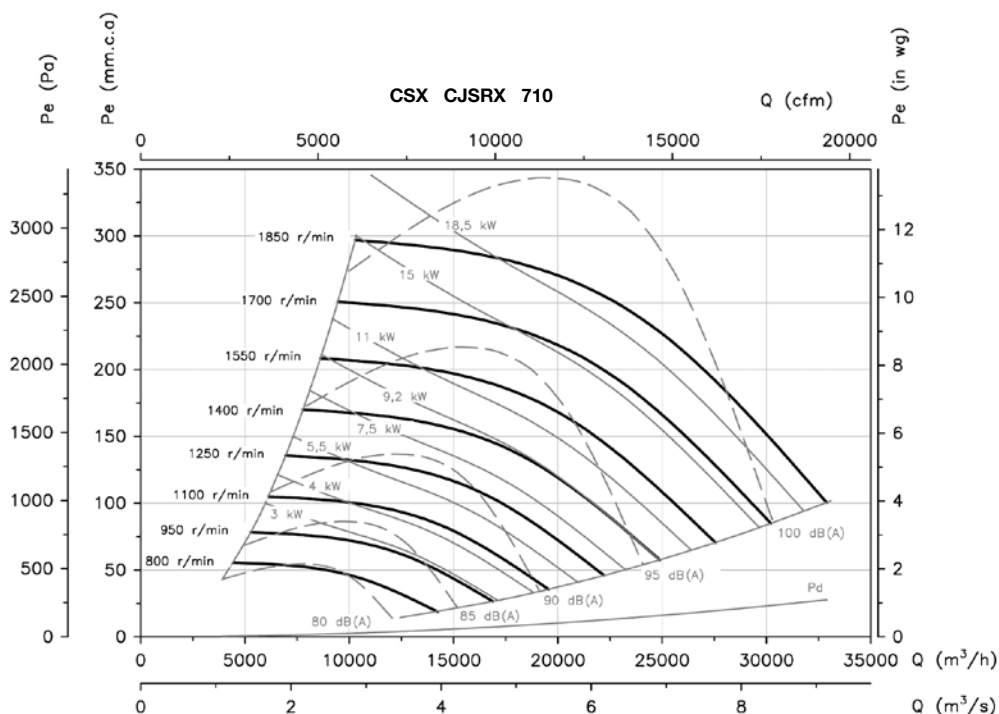
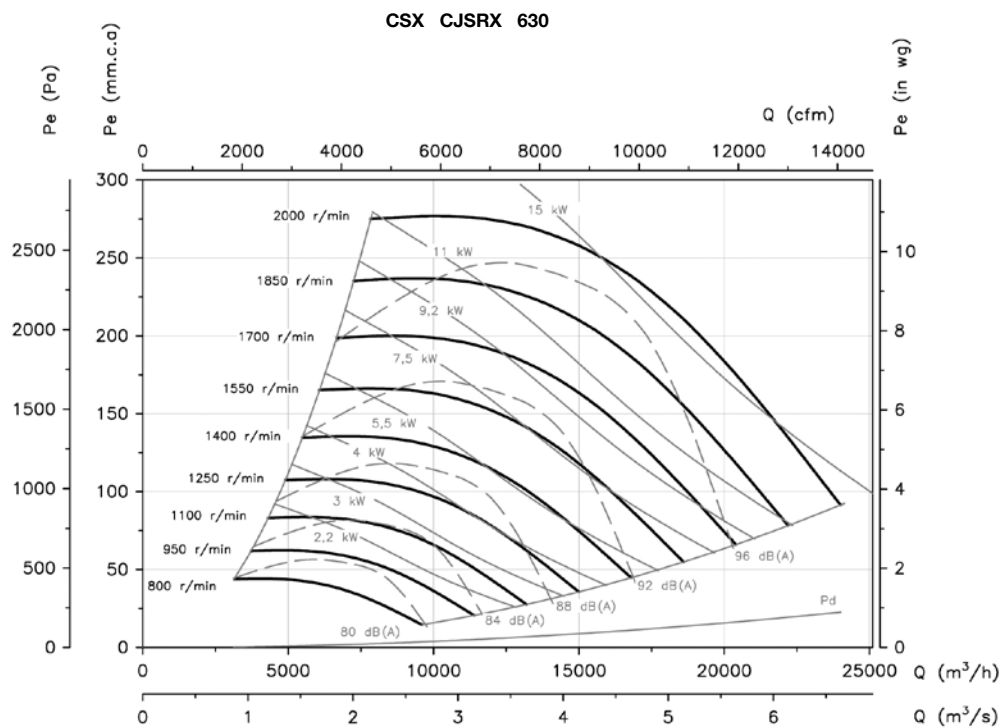
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

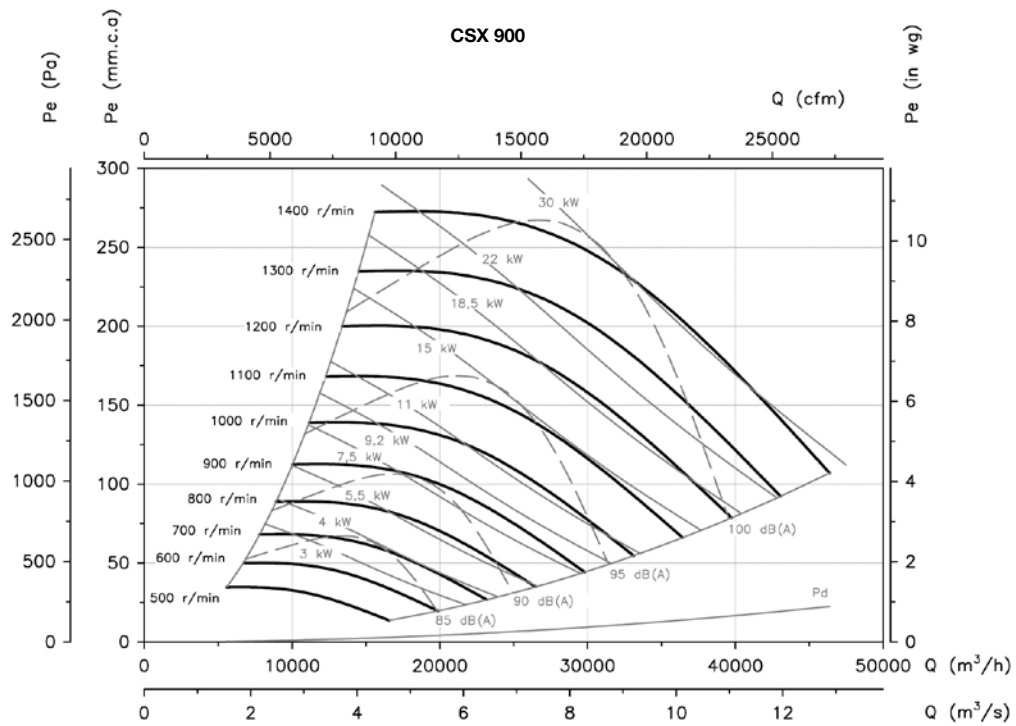
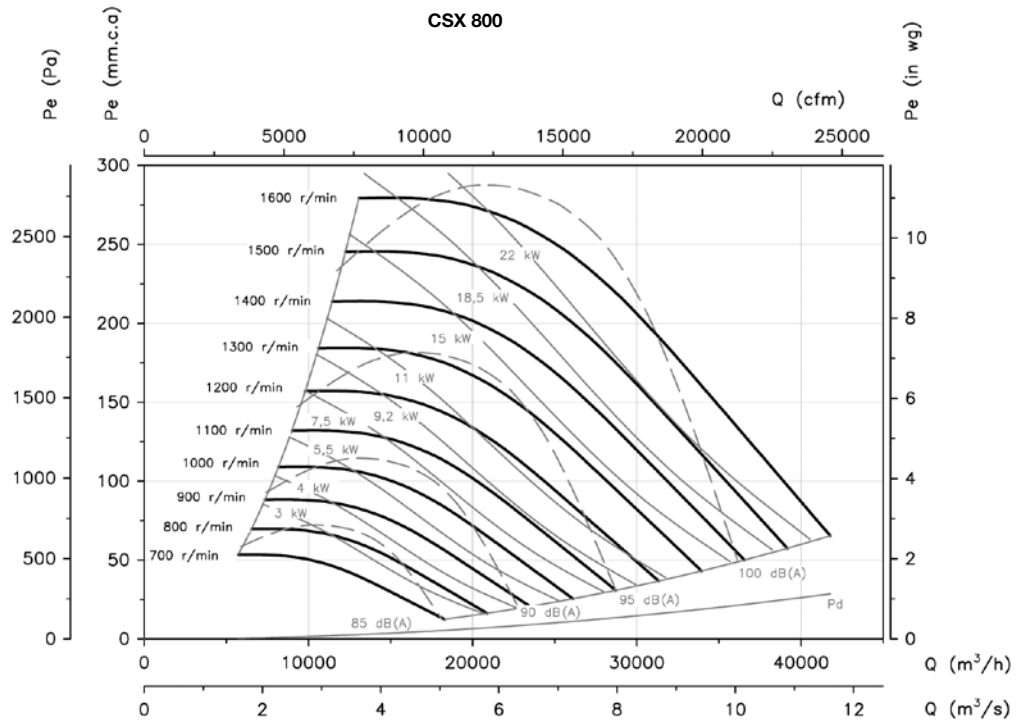
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

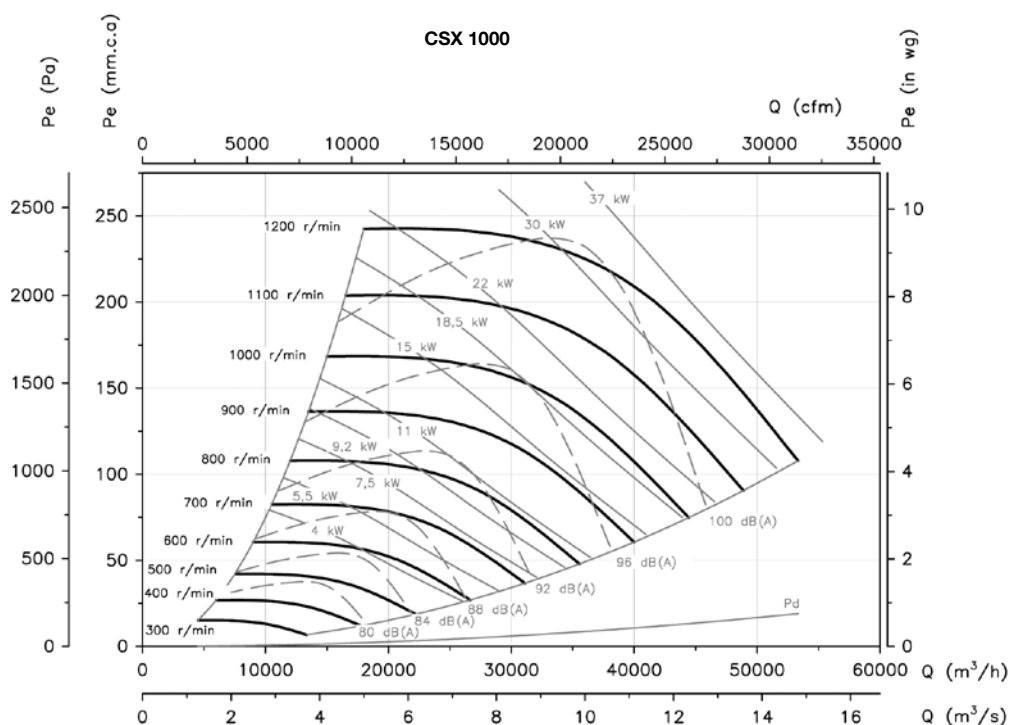
Pe = Static pressure in mm.w.c., Pa and inwg.



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section, page 170.



INT



IAT



C2V



AR



RPA



B



BD



BIC



ACE/400



CABLE BOX



AET



CENTRAL CO



RFT

HCDF HDF

HCDF: Axial fans with square frame, with ATEX EEx d certification

HDF: Axial fans with circular frame, with ATEX EEx d certification



HCDF



HDF

Wall-mounted axial fans (HCDF) or circular axial fans (HDF) with ATEX certification and CEE ExII2G EExd flame-resistant motor to work in explosive atmospheres

Fan:

- Impeller made from cast aluminium
- Airflow direction from motor to impeller
- Included packing gland for protection against sparks
- HCDF: Support frame in aluminium sheet
- HCDF: Protection guard, meets UNE 100-250 standard
- HDF: Support ring in sheet steel with aluminium strip in the impeller area, in accordance with standard EN-14986:2006

Motor:

- Class F EEx"d" IIBT4 flame-resistant motors with ball bearings, IP55 protection with ATEX certification
- Three-phase 220/380V. 60Hz. (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Working temperature: -20°C.+ 40°C.



Mark: CE Ex II 2 G. EEx d
Notified authority: L.O.M.
ID no. LOM3ATEX0157

Finish:

- Anticorrosive finish with ATEX paint, free from ferric compounds, in polyester resin, polymerised at 190°C after alkaline degreasing and phosphate-free pre-treatment.

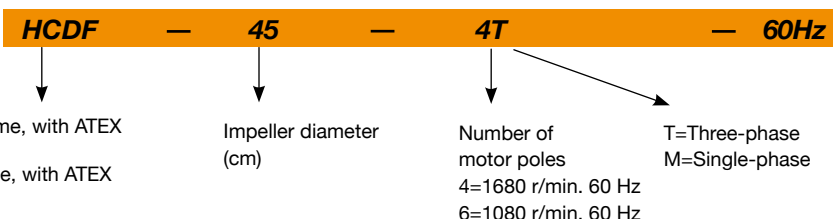
On request:

- Special windings for different voltages and frequencies
- ATEX construction for different categories
- Fans with two-speed motor.



Spark-preventing aluminium strip, in accordance with standard EN-14986:2006

Order code



Mark: CE Ex II 2 G. EEx d IIBT4
Notified authority: L.O.M.
ID no. LOM3ATEX0157

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A) 220V 380V	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
HCDF-25-4T	1644	0.78 0.45	0.09	890	51	6.5
HCDF-25-4M	1692	0.72	0.06	890	51	6.5
HCDF-31-4T	1644	0.78 0.45	0.09	1700	54	7.5
HCDF-31-4M	1692	0.72	0.06	1700	54	7.5
HCDF-35-4T	1644	0.78 0.45	0.09	2950	58	8.5
HCDF-35-4M	1692	0.72	0.06	2950	58	8.5
HCDF-40-4T	1704	1.3 0.75	0.25	4400	63	12.5
HCDF-40-4M	1680	3.25	0.25	4400	63	15
HCDF-45-4T	1704	1.3 0.75	0.25	6450	66	14.5
HCDF-45-4M	1680	3.25	0.25	6450	66	17
HCDF-45-6T	1110	0.95 0.55	0.12	5200	57	14.5
HCDF-50-4T	1668	1.73 1	0.37	8600	69	16.5
HCDF-50-6T	1104	1.56 0.9	0.18	6300	59	16
HCDF-56-4T	1668	3.08 1.78	0.55	10500	72	36.5
HCDF-56-6T	1092	1.59 0.92	0.25	8400	63	30.5
HDF-63-4T	1698	4.5 2.6	1.1	15100	76	49
HDF-63-6T	1086	2.37 1.37	0.37	12400	64	36.5
HDF-71-4T	1680	5.2 3	1.1	20000	79	52
HDF-71-6T	1080	3.29 1.9	0.55	13800	67	43
HDF-80-4T	1680	13.86 8	3	34100	83	76
HDF-80-6T	1092	5.89 3.4	1.1	20200	72	65.5
HDF-90-4T	1680	15.42 8.9	4	48200	89	87
HDF-90-6T	1104	7.45 4.3	1.5	30000	77	83

Acoustic features

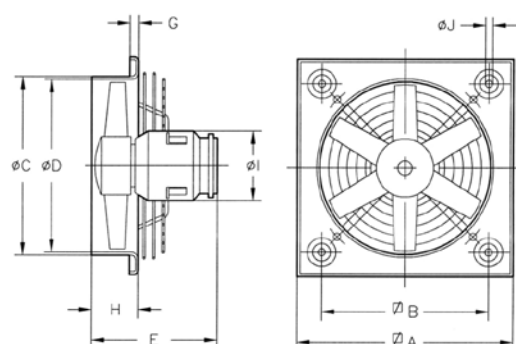
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25	22	37	56	55	56	55	50	41	56-6	37	51	70	70	71	69	65	56
31	25	40	59	58	59	58	53	44	63-4	52	66	85	85	86	84	80	71
35	29	44	63	62	63	62	57	48	63-6	40	54	73	73	74	72	68	59
40	34	49	68	67	68	67	62	53	71-4	56	76	84	89	91	88	81	70
45-4	37	52	71	70	71	70	65	56	71-6	44	64	72	77	79	76	69	58
45-6	28	43	62	61	62	61	56	47	80-4	60	80	88	93	95	92	85	74
50-4	43	57	76	76	77	75	71	62	80-6	49	69	77	82	84	81	74	63
50-6	33	47	66	66	67	65	61	52	90-4	67	88	95	100	103	99	92	81
56-4	46	60	79	79	80	78	74	65	90-6	55	76	83	88	91	87	80	69

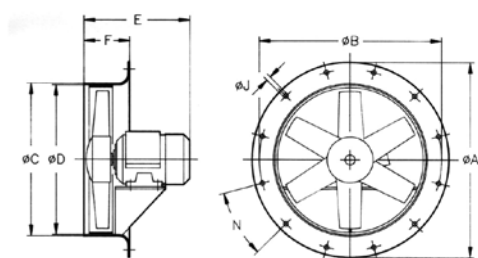
Dimensions in mm

HCDF



Model	ØA	ØB	ØC	ØD	E	G	H	ØI	ØJ
HCDF-25-4T	330	275	262	260	228	11	41	132	8.5
HCDF-25-4M	330	275	262	260	235	11	41	132	8.5
HCDF-31-4T	400	336	310.5	308	234	11	50	132	10.5
HCDF-31-4M	400	336	310.5	308	241	11	50	132	10.5
HCDF-35-4T	465	390	362.5	360	245	11	50	132	10.5
HCDF-35-4M	465	390	362.5	360	252	11	50	132	10.5
HCDF-40-4T	532	452	412.5	410	265	11	70	132	10.5
HCDF-40-4M	532	452	412.5	410	295	11	70	132	10.5
HCDF-45-4T	596	504	462.5	460	262	11	70	132	10.5
HCDF-45-4M	596	504	462.5	460	290	11	70	132	10.5
HCDF-45-6T	596	504	462.5	460	262	11	70	132	10.5
HCDF-50-4T	665	562	516.5	514	262	11	70	132	10.5
HCDF-50-4M	665	562	516.5	514	262	11	70	132	10.5
HCDF-56-4T	710	630	563	560	370	15	105	162	10.5
HCDF-56-4M	710	630	563	560	370	15	105	162	10.5

HDF

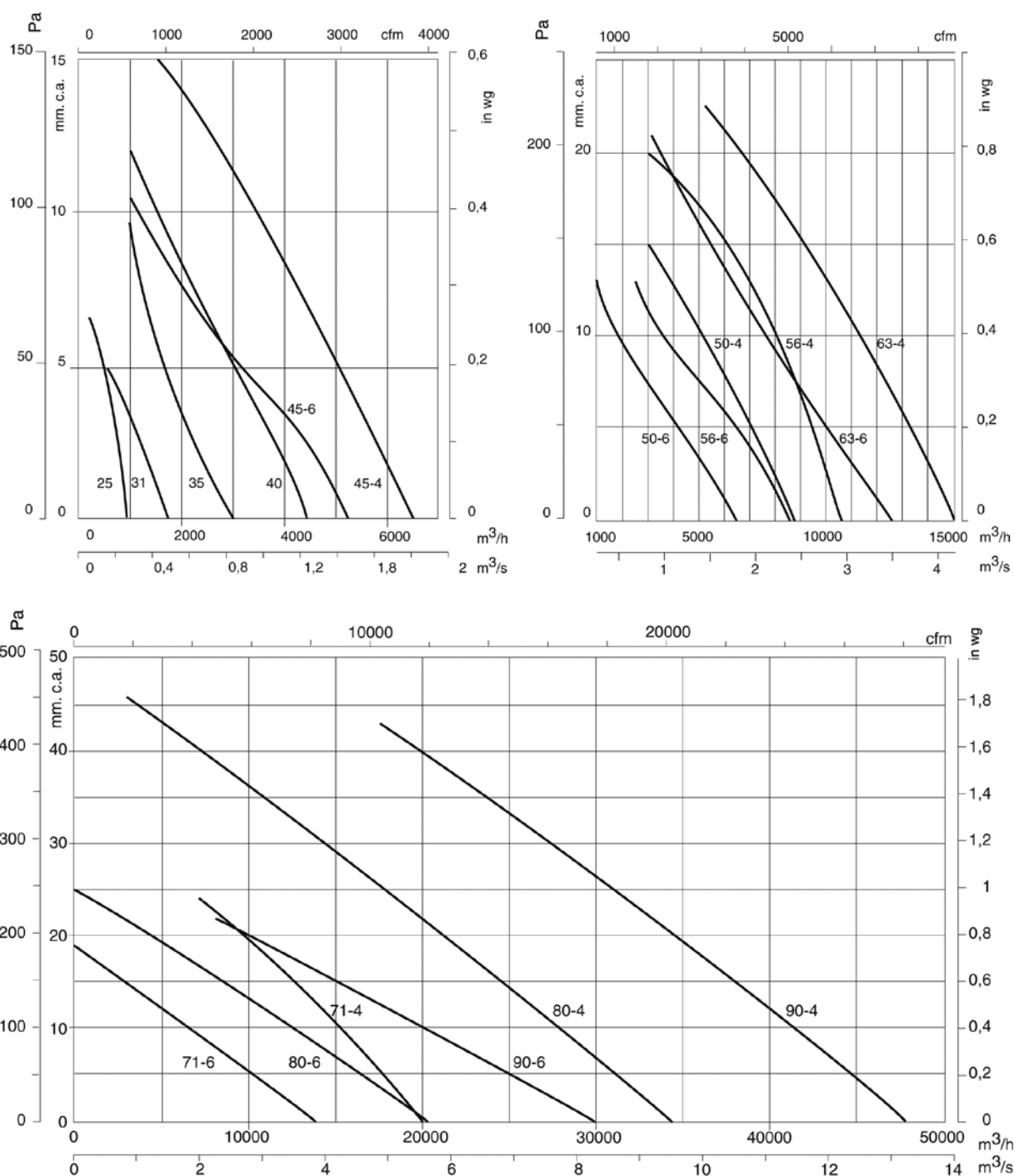


Model	ØA	ØB	ØC	D	E	F	ØJ	N
HDF-63-4T	730	690	645	640	370	150	12	12x30°
HDF-63-6T	730	690	645	640	330	150	12	12x30°
HDF-71-4T	810	770	715	710	349	150	12	16x22°30'
HDF-71-6T	810	770	715	710	323	150	12	16x22°30'
HDF-80-4T	900	860	805	800	421	180	12	16x22°30'
HDF-80-6T	900	860	805	800	371	180	12	16x22°30'
HDF-90-4T	1015	970	906	900	457	180	15	16x22°30'
HDF-90-6T	1015	970	906	900	415	180	15	16x22°30'

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



HCH/ATEX HCT/ATEX

HCH/ATEX: Robust wall-mounted axial fans, with ATEX certification
HCT/ATEX: Robust long-cased axial fans, with ATEX certification



EEEx "e" mark: II 2 G. EEEx e
 EEEx "d" mark: II 2 G. EEEx d
 DIP55 mark: II 3 D. IP55
 DIP65 mark: II 2 D. IP65
 Notified authority: L.O.M.
 ID no.
LOM3ATEX0157



HCH/ATEX



HCT/ATEX

Circular axial fans (HCH) or cased axial fans (HCT) and ATEX certification with CEE ExII2G EEEx e explosion-proof motor and CEE ExII2G EEEx d or DIP flame-resistant motor to work in explosive atmospheres.

Fan:

- HCH/ATEX: Support ring in sheet steel with aluminium strip in the impeller area, in accordance with standard EN-14986:2006
- HCT/ATEX: Sheet steel long casing with aluminium strip in the impeller area, in accordance with standard EN-14986:2006
- Impeller made from cast aluminium
- Incorporates inspection hatch (HCT)
- Airflow direction from motor to impeller

Motor:

- Class F motors, with ball bearings with ATEX certification, EEEx e explosion-proof motor and EEEx d or DIP
- flame-resistant motor
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV.)
- Working temperature: -20°C.+ 40°C.

Finish:

- Anticorrosive finish with ATEX paint, free from ferric compounds, in polyester resin, polymerised at 190°C after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motors with incorporated PTC
- Special windings for different voltages and frequencies
- ATEX construction for different categories
- Fans with two-speed motor.
- EEEx d flame-resistant single-phase motors

Order code

HCT/ATEX — 56 — 4T — 1,5 — EEEx-e — 60Hz

HCH: Wall-mounted axial fans
 HCT: Cased axial fans

EEEx "e" mark: II 2 G. EEEx e
 EEEx "d" mark: II 2 G. EEEx d
 DIP55 mark: II 3 D. IP55
 DIP65 mark: II 2 D. IP65
 Notified authority: L.O.M.
 ID no.
LOM3ATEX0157

Impeller diameter
(cm)

Number of
motor poles
2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz
6=1080 r/min. 60 Hz

T=Three-phase
Power
motor (CV.)

EEEx-e: Mark:
 II 2 G. EEEx e IIBT3
 EEEx "d" mark:
 II 2 G. EEEx d IIBT5
 DIP55 mark:
 II 3 D. IP55
 DIP65 mark:
 II 2 D. IP65

Technical characteristics

60Hz

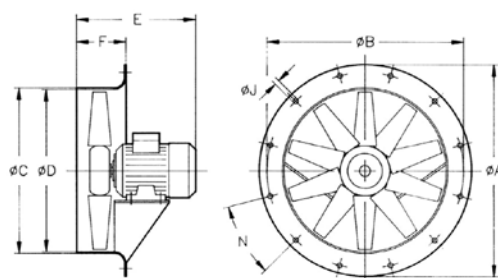
Model			Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg) EEEx-e EEEx-d	
HCH/ATEX	HCT/ATEX	35-2T	3360	0.37	5750	77	13	23
HCH/ATEX	HCT/ATEX	35-4T	1728	0.12	3100	59	12	19
HCH/ATEX	HCT/ATEX	40-2T-1.5	3480	1.1	8750	84	27	40
HCH/ATEX	HCT/ATEX	40-4T-0.33	1740	0.25	5100	64	21	30
HCH/ATEX	HCT/ATEX	45-2T-2	3480	1.5	10300	86	30	49
HCH/ATEX	HCT/ATEX	45-2T-3	3480	2.2	12800	88	33	54
HCH/ATEX	HCT/ATEX	45-4T-0.5	1740	0.37	7100	68	25	33
HCH/ATEX	HCT/ATEX	50-4T-0.75	1740	0.55	10300	70	27	41
HCH/ATEX	HCT/ATEX	56-4T-0.75	1740	0.55	11000	72	32	46
HCH/ATEX	HCT/ATEX	56-4T-1	1740	0.75	12900	73	34	47
HCH/ATEX	HCT/ATEX	56-4T-1.5	1740	1.1	14000	74	36	55
HCH/ATEX	HCT/ATEX	56-4T-2	1740	1.5	15300	75	39	59
HCH/ATEX	HCT/ATEX	56-6T -0.33	1140	0.25	8400	61	31	39
HCH/ATEX	HCT/ATEX	56-6T -0.5	1140	0.37	9300	61	34	43
HCH/ATEX	HCT/ATEX	56-6T -0.75	1140	0.55	10000	62	34	47
HCH/ATEX	HCT/ATEX	63-4T-1	1740	0.75	14100	73	43	56
HCH/ATEX	HCT/ATEX	63-4T-1.5	1740	1.1	17000	74	45	64
HCH/ATEX	HCT/ATEX	63-4T-2	1740	1.5	18900	75	48	68
HCH/ATEX	HCT/ATEX	63-4T-3	1740	2.2	22000	76	53	76
HCH/ATEX	HCT/ATEX	63-4T-4	1740	3	25200	77	56	79

Technical characteristics

Model			Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg) EEEx-e EEEx-d	
HCH/ATEX	HCT/ATEX	63-6T -0.5	1140	0.37	12000	64	43	52
HCH/ATEX	HCT/ATEX	63-6T -0.75	1140	0.55	12600	65	43	56
HCH/ATEX	HCT/ATEX	63-6T -1	1140	0.75	13800	66	45	64
HCH/ATEX	HCT/ATEX	71-4T-1.5	1740	1.1	19900	78	51	70
HCH/ATEX	HCT/ATEX	71-4T-2	1740	1.5	21000	79	54	74
HCH/ATEX	HCT/ATEX	71-4T-3	1740	2.2	24000	81	60	83
HCH/ATEX	HCT/ATEX	71-4T-4	1740	3	29400	82	63	86
HCH/ATEX	HCT/ATEX	71-6T -0.75	1140	0.55	15000	67	49	62
HCH/ATEX	HCT/ATEX	71-6T -1	1140	0.75	17200	68	51	70
HCH/ATEX	HCT/ATEX	71-6T -1.5	1140	1.1	21100	69	54	75
HCH/ATEX	HCT/ATEX	80-4T-3	1740	2.2	29500	82	69	92
HCH/ATEX	HCT/ATEX	80-4T-4	1740	3	37000	83	72	95
HCH/ATEX	HCT/ATEX	80-4T-5.5	1740	4	40500	84	74	98
HCH/ATEX	HCT/ATEX	80-6T -1	1140	0.75	23000	71	60	79
HCH/ATEX	HCT/ATEX	80-6T -1.5	1140	1.1	26000	72	63	84
HCH/ATEX	HCT/ATEX	80-6T -2	1140	1.5	29700	73	71	95
HCH/ATEX	HCT/ATEX	80-6T -3	1140	2.2	33500	74	74	98
HCH/ATEX	HCT/ATEX	90-4T-4	1740	3	40000	87	87	110
HCH/ATEX	HCT/ATEX	90-4T-5.5	1740	4	46500	89	90	114
HCH/ATEX	HCT/ATEX	90-4T-7.5	1740	5.5	51000	91	103	142
HCH/ATEX	HCT/ATEX	90-4T-10	1140	7.5	54700	92	111	145
HCH/ATEX	HCT/ATEX	90-6T -2	1140	1.5	34300	77	86	110
HCH/ATEX	HCT/ATEX	90-6T -3	1140	2.2	38000	78	90	114
HCH/ATEX	HCT/ATEX	90-6T -4	1740	3	42400	79	102	142
HCH/ATEX	HCT/ATEX	100-4T-7.5	1740	5.5	54000	92	115	154
HCH/ATEX	HCT/ATEX	100-4T-10	1740	7.5	63000	93	122	156
HCH/ATEX	HCT/ATEX	100-4T-15	1740	11	68000	94	159	256
HCH/ATEX	HCT/ATEX	100-4T-20	1140	15	72000	95	178	279
HCH/ATEX	HCT/ATEX	100-6T -3	1140	2.2	43000	82	101	125
HCH/ATEX	HCT/ATEX	100-6T -4	1140	3	47000	83	113	153
HCH/ATEX	HCT/ATEX	100-6T -5.5	1740	4	53000	84	120	156

Dimensions in mm

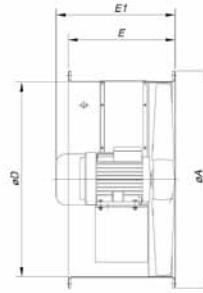
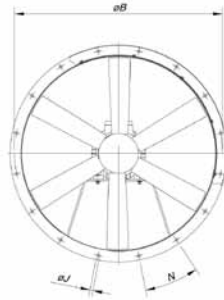
HCH/ATEX



Model	ϕA	ϕB	ϕC	ϕD	E														F	ϕJ	N
					0,16	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20			
HCH-35-2	425	395	358	355	-	-	285	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°
HCH-35-4	425	395	358	355	257	-	-	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°
HCH-40-2	490	450	414	410	-	-	-	-	-	314	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-40-4	490	450	414	410	-	295	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-45-4	540	500	464	460	-	-	280	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-45-6	540	500	464	460	-	280	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-56-4	660	620	564	560	-	-	-	310	310	330	350	-	-	-	-	-	-	-	120	12	12 X 30°
HCH-56-6	660	620	564	560	-	285	310	310	-	-	-	-	-	-	-	-	-	-	120	12	12 X 30°
HCH-63-4	730	690	645	640	-	-	-	-	325	325	355	405	405	-	-	-	-	-	150	12	12 X 30°
HCH-63-6	730	690	645	640	-	-	325	325	335	-	-	-	-	-	-	-	-	-	150	12	12 X 30°
HCH-71-4	810	770	715	710	-	-	-	-	-	330	350	415	415	-	-	-	-	-	150	12	16 X 22°30'
HCH-71-6	810	770	715	710	-	-	-	315	330	350	-	-	-	-	-	-	-	-	150	12	16 X 22°30'
HCH-80-4	900	860	805	800	-	-	-	-	-	-	-	425	425	445	-	-	-	-	180	12	16 X 22°30'
HCH-80-6	900	860	805	800	-	-	-	-	355	375	425	445	-	-	-	-	-	-	180	12	16 X 22°30'
HCH-90-4	1015	970	906	900	-	-	-	-	-	-	-	-	425	430	465	465	-	-	180	15	16 X 22°30'
HCH-90-6	1015	970	906	900	-	-	-	-	-	-	425	430	465	-	-	-	-	-	180	15	16 X 22°30'
HCH-100-4	1115	1070	1006	1000	-	-	-	-	-	-	-	-	-	-	480	480	590	590	200	15	16 X 22°30'
HCH-100-6	1115	1070	1006	1000	-	-	-	-	-	-	-	440	480	480	-	-	-	-	200	15	16 X 22°30'

Dimensions in mm

HCT/ATEX



Model	ØA	ØB	D	E	E1	ØJ	N
HCT-35-2T/ATEX	425	395	355	270	306	10	8x45°
HCT-35-4T/ATEX	425	395	355	270	322	10	8x45°
HCT-40-2T-1,5/ATEX	490	450	410	400	400	12	8x45°
HCT-40-4T-0,33/ATEX	490	450	410	400	400	12	8x45°
HCT-45-2T-2/ATEX	540	500	460	400	422	12	8x45°
HCT-45-2T-3/ATEX	540	500	460	400	422	12	8x45°
HCT-45-4T-0,5/ATEX	540	500	460	400	400	12	8x45°
HCT-50-4T-0,75/ATEX	600	560	514	400	400	12	12x30°
HCT-56-4T-0,75/ATEX	660	620	560	400	400	12	12x30°
HCT-56-4T-1/ATEX	660	620	560	400	400	12	12x30°
HCT-56-4T-1,5/ATEX	660	620	560	400	422	12	12x30°
HCT-56-4T-2/ATEX	660	620	560	400	422	12	12x30°
HCT-56-6T-0,33/ATEX	660	620	560	400	400	12	12x30°
HCT-56-6T-0,5/ATEX	660	620	560	400	400	12	12x30°
HCT-56-6T-0,75/ATEX	660	620	560	400	400	12	12x30°
HCT-63-4T-1/ATEX	730	690	640	400	400	12	12x30°
HCT-63-4T-1,5/ATEX	730	690	640	400	422	12	12x30°
HCT-63-4T-2/ATEX	730	690	640	400	422	12	12x30°
HCT-63-4T-3/ATEX	730	690	640	500	500	12	12x30°
HCT-63-4T-4/ATEX	730	690	640	500	500	12	12x30°
HCT-63-6T-0,5/ATEX	730	690	640	400	400	12	12x30°
HCT-63-6T-0,75/ATEX	730	690	640	400	400	12	12x30°
HCT-63-6T-1/ATEX	730	690	640	400	422	12	12x30°
HCT-71-4T-1,5/ATEX	810	770	710	430	442	12	16x22°30'
HCT-71-4T-2/ATEX	810	770	710	430	442	12	16x22°30'
HCT-71-4T-3/ATEX	810	770	710	500	500	12	16x22°30'

The dimensions correspond to the EE_X "e" version

Model	ØA	ØB	D	E	E1	ØJ	N
HCT-71-4T-4/ATEX	810	770	710	500	500	12	16x22°30'
HCT-71-6T-0,75/ATEX	810	770	710	430	430	12	16x22°30'
HCT-71-6T-1/ATEX	810	770	710	500	442	12	16x22°30'
HCT-71-6T-1,5/ATEX	810	770	710	500	442	12	16x22°30'
HCT-80-4T-3/ATEX	900	860	800	500	500	12	16x22°30'
HCT-80-4T-4/ATEX	900	860	800	500	500	12	16x22°30'
HCT-80-4T-5,5/ATEX	900	860	800	500	519	12	16x22°30'
HCT-80-6T-1/ATEX	900	860	800	500	500	12	16x22°30'
HCT-80-6T-1,5/ATEX	900	860	800	500	500	12	16x22°30'
HCT-80-6T-2/ATEX	900	860	800	500	500	12	16x22°30'
HCT-80-6T-3/ATEX	900	860	800	500	519	12	16x22°30'
HCT-90-4T-4/ATEX	1015	970	900	600	600	15	16x22°30'
HCT-90-4T-5,5/ATEX	1015	970	900	600	600	15	16x22°30'
HCT-90-4T-7,5/ATEX	1015	970	900	600	636	15	16x22°30'
HCT-90-4T-10/ATEX	1015	970	900	600	716	15	16x22°30'
HCT-90-6T-2/ATEX	1015	970	900	600	600	15	16x22°30'
HCT-90-6T-3/ATEX	1015	970	900	600	600	15	16x22°30'
HCT-90-6T-4/ATEX	1015	970	900	600	636	15	16x22°30'
HCT-100-4T-7,5/ATEX	1115	1070	1000	600	636	15	16x22°30'
HCT-100-4T-10/ATEX	1115	1070	1000	600	716	15	16x22°30'
HCT-100-4T-15/ATEX	1115	1070	1000	700	738	15	16x22°30'
HCT-100-4T-20/ATEX	1115	1070	1000	700	738	15	16x22°30'
HCT-100-6T-3/ATEX	1115	1070	1000	600	600	15	16x22°30'
HCT-100-6T-4/ATEX	1115	1070	1000	600	636	15	16x22°30'
HCT-100-6T-5,5/ATEX	1115	1070	1000	600	716	15	16x22°30'

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power L_w(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	
35-2T	77	48	63	82	81	82	81	76	67
35-4T	59	30	45	64	63	64	63	58	49
40-2T-1.5	84	55	70	89	88	89	88	83	74
40-4T-0.33	64	35	50	69	68	69	68	63	54
45-2T-2	86	51	68	80	88	93	93	89	82
45-2T-3	88	53	70	82	90	95	95	91	84
45-4T-0.5	68	33	50	62	70	75	75	71	64
50-4T-0.75	70	37	54	67	74	79	80	75	68
56-4T-0.75	72	47	67	75	80	82	79	72	61
56-4T-1	73	48	68	76	81	83	80	73	62
56-4T-1.5	74	49	69	77	82	84	81	74	63
56-4T-2	75	50	70	78	83	85	82	75	64
56-6T -0.33	61	36	56	64	69	71	68	61	50
56-6T -0.5	61	36	56	64	69	71	68	61	50
56-6T -0.75	62	37	57	65	70	72	69	62	51
63-4T-1	73	50	70	78	83	85	82	75	64
63-4T-1.5	74	51	71	79	84	86	83	76	65
63-4T-2	75	52	72	80	85	87	84	77	66
63-4T-3	76	53	73	81	86	88	85	78	67
63-4T-4	77	54	74	82	87	89	86	79	68
63-6T -0.5	64	41	61	69	74	76	73	66	55
63-6T -0.75	65	42	62	70	75	77	74	67	56
63-6T -1	66	43	63	71	76	78	75	68	57
71-4T-1.5	78	55	75	83	88	90	87	80	69
71-4T-2	79	56	76	84	89	91	88	81	70
71-4T-3	81	58	78	86	91	93	90	83	72

Model	63	125	250	500	1000	2000	4000	8000	
71-4T-4	82	59	79	87	92	94	91	84	73
71-6T-0.75	67	44	64	72	77	79	76	69	58
71-6T-1	68	45	65	73	78	80	77	70	59
71-6T-1.5	69	46	66	74	79	81	78	71	60
80-4T-3	82	59	79	87	92	94	91	84	73
80-4T-4	83	60	80	88	93	95	92	85	74
80-4T-5.5	84	61	81	89	94	96	93	86	75
80-6T-1	71	48	68	76	81	83	80	73	62
80-6T-1.5	72	49	69	77	82	84	81	74	63
80-6T-2	73	50	70	78	83	85	82	75	64
80-6T-3	74	51	71	79	84	86	83	76	65
90-4T-4	87	65	86	93	98	101	97	90	79
90-4T-5.5	89	67	88	95	100	103	99	92	81
90-4T-7.5	91	69	90	97	102	105	101	94	83
90-4T-10	92	70	91	98	103	106	102	95	84
90-6T-2	77	55	76	83	88	91	87	80	69
90-6T-3	78	56	77	84	89	92	88	81	70
90-6T-4	79	57	78	85	90	93	89	82	71
100-4T-7.5	92	72	92	100	105	107	104	97	86
100-4T-10	93	73	93	101	106	108	105	98	87
100-4T-15	94	74	94	102	107	109	106	99	88
100-4T-20	95	75	95	103	108	110	107	100	89
100-6T-3	82	62	82	90	95	97	94	87	76
100-6T-4	83	63	83	91	96	98	95	88	77
100-6T-5.5	84	64	84	92	97	99	96	89	78

Characteristic curves

See HCH and HCT series

Accessories

See accessories section.



INT



AR



RFT/RFM



PANELS



P



R



RI



RT



BTUB



BAC



PS



S

CMA/ATEX

Centrifugal medium-pressure fans made from cast aluminium with ATEX certification



Centrifugal single-inlet, medium-pressure fans with casing and impeller made from cast aluminium to work in explosive atmospheres.

Fan:

- Casing made from cast aluminium
- Impeller made from cast aluminium

Motor:

- Class F motors, with ball bearings, IP55 protection, with ATEX certification, EEx"e" explosion-proof and EEx"d" flame-resistant motors
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: -20°C.+ 80°C.



EEx "e" mark: CE II 2 G. EEx e
EEx "d" mark: CE II 2 G. EEx d
DIP55 mark: CE II 3 D. IP55
DIP65 mark: CE II 2 D. IP65
Notified authority: L.O.M.
ID no.
LOM3ATEX007

Finish:

- Anticorrosive finish with ATEX paint, free from ferric compounds, in polyester resin, polymerised at 190°C after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motors with incorporated PTC
- Special windings for different voltages and frequencies
- ATEX construction for different categories

Order code

CMA/ATEX — 531 — 4T — 2 — EEx-e — 60Hz

Centrifugal medium-pressure fans made from cast aluminium with ATEX certification

Impeller size

Number of motor poles
2=3500 r/min. 60 Hz

T=Three-phase

Power motor (CV.)

EEx-e: Mark:
CE II 2 G. EEx e IIBT3
EEx "d" mark:
CE II 2 G. EEx d IIBT5
DIP55 mark:
CE II 3 D. IP55
DIP65 mark:
CE II 2 D. IP65

EEx "e" mark: CE II 2 G. EEx e
EEx "d" mark: CE II 2 G. EEx d
DIP55 mark: CE II 3 D. IP55
DIP65 mark: CE II 2 D. IP65
Notified authority: L.O.M.
ID no.
LOM3ATEX007

Technical characteristics

60Hz

Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg) EEx-e EEx-d	
CMA-324-2T/ATEX	3420	0.18	440	70	10	16
CMA-325-2T/ATEX	3336	0.25	600	73	12	19
CMA-426-2T/ATEX	3318	0.37	850	75	14	24
CMA-527-2T/ATEX	3360	0.55	1000	80	17	25
CMA-528-2T-1/ATEX	3336	0.75	1250	82	24	36
CMA-528-2T-1.5/ATEX	3420	1.1	1750	83	27	40
CMA-531-2T-1.5/ATEX	3456	1.1	1790	84	30	43
CMA-531-2T-2/ATEX	3420	1.5	2000	85	31	50
CMA-540-2T/ATEX	3468	1.5	2600	85	38	57
CMA-545-2T-3/ATEX	3408	2.2	2630	86	54	75
CMA-545-2T-4/ATEX	3456	3	3550	88	63	87

Acoustic features

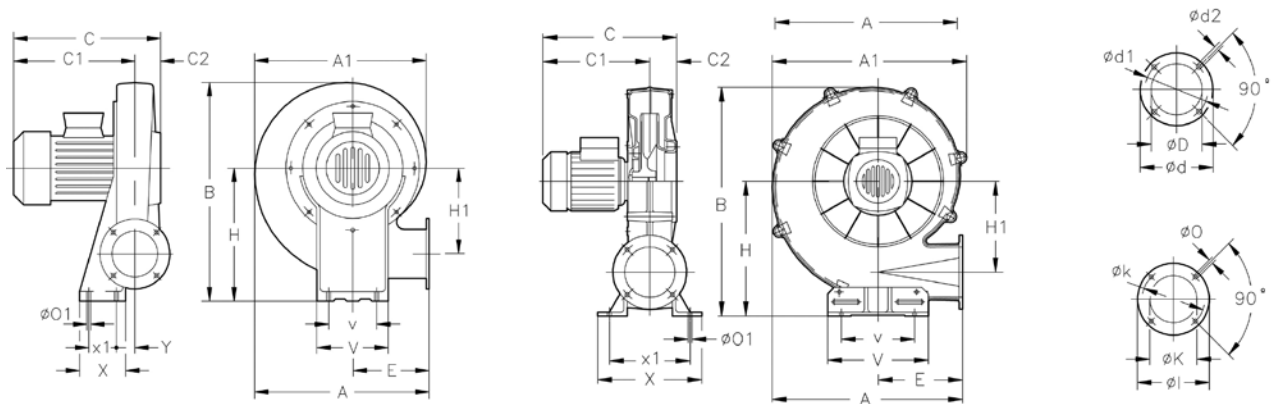
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMA-324-2T/ATEX	70	36	50	68	74	78	75	70	61
CMA-325-2T/ATEX	73	39	53	71	77	81	78	73	64
CMA-426-2T/ATEX	75	41	55	73	79	83	80	75	66
CMA-527-2T/ATEX	80	46	60	78	84	88	85	80	71
CMA-528-2T-1/ATEX	82	48	62	80	86	90	87	82	73
CMA-528-2T-1,5/ATEX	83	49	63	81	87	91	88	83	74

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMA-531-2T-1,5/ATEX	84	50	64	82	88	92	89	84	75
CMA-531-2T-2/ATEX	85	51	65	83	89	93	90	85	76
CMA-540-2T/ATEX	85	54	67	85	91	96	92	87	79
CMA-545-2T-3/ATEX	86	55	68	86	92	97	93	88	80
CMA-545-2T-4/ATEX	88	57	70	88	94	99	95	90	82

Dimensions in mm



Model				EEx-"e"				EEx-"d"																			
	A	A1	B	C	C1	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	øl	øK	øk	øO	øO1	V	v	X	x1	Y		
CMA-324-2T/ATEX	311	302	356	263	225	288	250	38	80	130	112	M5	145	205	145	108	62	90	7	9	173	125	90	60	20		
CMA-325-2T/ATEX	335	328	399	266	226	291	251	40	94	140	122	M6	155	235	152	120	80	102	7	9	180	145	110	80	20		
CMA-426-2T/ATEX	354	344	412	293	253	316	276	40	117	155	132	M6	162	240	163	140	90	119	7	13	210	160	105	65	26		
CMA-527-2T/ATEX	371	361	440	297	255	320	280	42	125	170	147	M6	168	260	170	155	100	129	7	13	220	170	120	80	20		
CMA-528-2T-1/ATEX	401	395	488	340	292	342	294	51	116	190	162	M6	178	290	177	190	130	160	11	13	230	180	140	100	20		
CMA-528-2T-1'5/ATEX	401	395	488	339	291	337	289	48	135	190	162	M6	178	290	177	190	130	160	11	13	230	180	140	100	20		
CMA-531-2T-1'5/ATEX	440	434	537	340	292	342	294	50	160	215	180	M6	193	320	200	200	140	175	11	13	240	190	160	120	21		
CMA-531-2T-2/ATEX	440	434	537	338	288	392	342	50	160	215	180	M6	193	320	200	200	140	175	11	13	240	190	160	120	21		

Model	EEx-"e"					EEx-"d"																			
	A	A1	B	C	C1	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	øl	øK	øk	øO	øO1	V	v	X	x1	Y
CMA-540-2T/ATEX	567	580	695	365	285	419	339	80	170	240	205	M10	252	415	270	220	150	190	13	11	336	218	374	240	-
CMA-545-2T-3/ATEX	651	646	776	438	323	467	352	115	180	255	220	M10	290	450	309	250	175	220	13	13	336	238	392	292	-
CMA-545-2T-4/ATEX	651	646	776	461	346	511	396	115	180	255	220	M10	290	450	309	250	175	220	13	13	336	238	392	292	-

Characteristic curves

See CMA series

Accessories

See accessories section.



INT

AR

RFT/ RFM

PANELS

RPA

B

BIC

ACE/ATEX

CJACUS

REG

S

CMP/ATEX

Centrifugal medium-pressure fans fitted with multi-blade impeller with ATEX certification



ATEX version in stainless steel is also possible upon request

Centrifugal single-inlet, medium-pressure fans with casing and sheet steel impeller to work in explosive atmospheres.

Fan:

- Steel sheet casing
- Impeller with forward-facing blades made from galvanised sheet steel
- Anti-spark suction ring in copper or aluminium

Motor:

- Class F motors, with ball bearings, IP55 protection, with ATEX certification, EEx"e" explosion-proof or EEx"d" flame-resistant motors
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: -20°C.+ 80°C.

Finish:

- Anticorrosive finish with ATEX paint, free from ferric compounds, in polyester resin, polymerised at 190°C after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motors with incorporated PTC
- Special windings for different voltages and frequencies
- ATEX construction for different categories
- Made from stainless steel



EEx "e" mark: CE  II 2 G. EEx e
EEx "d" mark: CE  II 2 G. EEx d
Notified authority: L.O.M.
DIP55 mark: CE  II 3 D. IP55
DIP65 mark: CE  II 2 D. IP65
ID no.
LOM4ATEX007

Order code

CMP/ATEX — 1128 — 2T — 5,5 — EEx-e — 60Hz

Centrifugal medium-pressure fans fitted with multi-blade impeller, with ATEX certification

EEx "e" mark: CE  II 2 G. EEx e
EEx "d" mark: CE  II 2 G. EEx d
DIP55 mark: CE  II 3 D. IP55
DIP65 mark: CE  II 2 D. IP65
Notified authority: L.O.M.
ID no. LOM4ATEX007

Impeller size

Number of motor poles

2=3500 r/min. 60 Hz
4=1680 r/min. 60 Hz

T=Three-phase

Power motor (CV)

EEx-e: Mark:

CE  II 2 G. EEx e IIBT3
EEx "d" mark: CE  II 2 G. EEx d IIBT5
DIP55 mark: CE  II 3 D. IP55
DIP65 mark: CE  II 2 D. IP65

Technical characteristics

60Hz

Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg)	
					EEx-e	EEx-d
CMP-616-2T/ATEX	3288	0.55	1380	69	9	19
CMP-616-4T/ATEX	1680	0.1	850	61	9	16
CMP-620-2T/ATEX	3288	0.37	765	68	11	21
CMP-620-4T/ATEX	1650	0.1	810	61	9	16
CMP-718-2T/ATEX	3426	0.75	1485	70	14	26
CMP-718-4T/ATEX	1692	0.25	1280	63	11	20
CMP-820-2T/ATEX	3414	1.1	1950	73	18	31
CMP-820-4T/ATEX	1620	0.25	1670	66	12	21
CMP-922-2T-1.5/ATEX	3414	1.1	1650	70	23	36
CMP-922-2T-2/ATEX	3432	1.5	2010	71	24	43
CMP-922-2T-3/ATEX	3456	2.2	2600	74	27	48
CMP-922-4T/ATEX	1674	0.55	2450	66	20	34
CMP-1025-2T-3/ATEX	3456	2.2	2100	73	29	50
CMP-1025-2T-4/ATEX	3474	3	2830	77	34	58
CMP-1025-4T/ATEX	1692	1.1	3400	70	27	46
CMP-1128-2T-4/ATEX	3474	3	2220	77	37	61
CMP-1128-2T-5.5/ATEX	3480	4	3210	81	41	62
CMP-1128-4T/ATEX	1704	2.2	5000	74	37	60
CMP-1231-4T-3/ATEX	1704	2.2	4740	73	46	69
CMP-1231-4T-4/ATEX	1704	3	5910	75	49	72
CMP-1231-4T-5.5/ATEX	1728	4	6850	77	53	77
CMP-1435-4T-4/ATEX	1704	3	5560	76	54	77
CMP-1435-4T-5.5/ATEX	1728	4	6260	78	61	85

Technical characteristics

Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg) EEx-e EEx-d	
CMP-1435-4T-7.5/ATEX	1746	5.5	7210	80	74	113
CMP-1640-4T-5.5/ATEX	1728	4	7500	77	79	103
CMP-1640-4T-7.5/ATEX	1746	5.5	8035	80	92	131
CMP-1640-4T-10/ATEX	1746	7.5	9710	82	100	134
CMP-1845-4T-7.5/ATEX	1746	5.5	8965	82	94	133
CMP-1845-4T-10/ATEX	1746	7.5	10350	85	102	136
CMP-2050-4T-10/ATEX	1746	7.5	9000	83	135	169
CMP-2050-4T-15/ATEX	1752	11	12525	87	162	259
CMP-2050-4T-20/ATEX	1746	15	19000	89	181	282

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

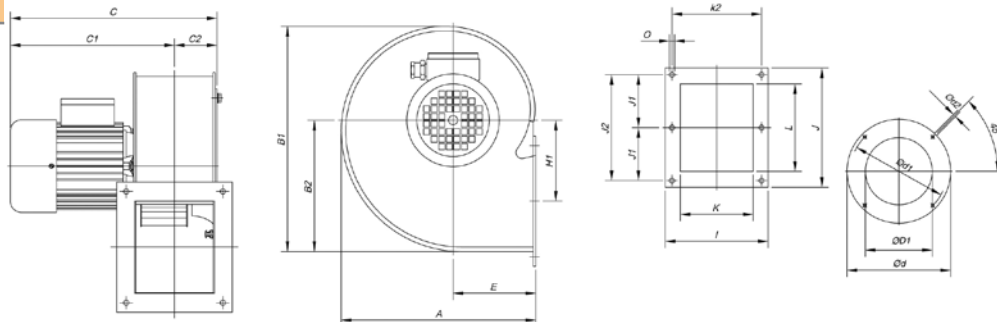
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMP-616-2T/ATEX	69	44	54	65	72	76	73	71	64
CMP-616-4T/ATEX	61	36	46	57	64	68	65	63	56
CMP-620-2T/ATEX	68	43	53	64	71	75	72	70	63
CMP-620-4T/ATEX	61	36	46	57	64	68	65	63	56
CMP-718-2T/ATEX	70	45	55	66	73	77	74	72	65
CMP-718-4T/ATEX	63	38	48	59	66	70	67	65	58
CMP-820-2T/ATEX	73	48	58	69	76	80	77	75	68
CMP-820-4T/ATEX	66	41	51	62	69	73	70	68	61
CMP-922-2T-1,5/ATEX	70	45	55	66	73	77	74	72	65
CMP-922-2T-2/ATEX	71	46	56	67	74	78	75	73	66
CMP-922-2T-3/ATEX	74	49	59	70	77	81	78	76	69
CMP-922-4T/ATEX	66	41	51	62	69	73	70	68	61
CMP-1025-2T-3/ATEX	73	48	58	69	76	80	77	75	68
CMP-1025-2T-4/ATEX	77	52	62	73	80	84	81	79	72
CMP-1025-4T/ATEX	70	45	55	66	73	77	74	72	65
CMP-1128-2T-4/ATEX	77	52	62	73	80	84	81	79	72

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMP-1128-2T-5,5/ATEX	81	56	66	77	84	88	85	83	76
CMP-1128-4T/ATEX	74	49	59	70	77	81	78	76	69
CMP-1231-4T-3/ATEX	73	51	60	71	78	82	80	78	71
CMP-1231-4T-4/ATEX	75	53	62	73	80	84	82	80	73
CMP-1231-4T-5,5/ATEX	77	55	64	75	82	86	84	82	75
CMP-1435-4T-4/ATEX	76	54	63	74	81	85	83	81	74
CMP-1435-4T-5,5/ATEX	78	56	65	76	83	87	85	83	76
CMP-1435-4T-7,5/ATEX	80	58	67	78	85	89	87	85	78
CMP-1640-4T-5,5/ATEX	77	55	64	75	82	86	84	82	75
CMP-1640-4T-7,5/ATEX	80	58	67	78	85	89	87	85	78
CMP-1640-4T-10/ATEX	82	60	69	80	87	91	89	87	80
CMP-1845-4T-7,5/ATEX	82	61	71	82	89	93	91	89	81
CMP-1845-4T-10/ATEX	85	64	74	85	92	96	94	92	84
CMP-2050-4T-10/ATEX	83	62	72	83	90	94	92	90	82
CMP-2050-4T-15/ATEX	87	66	76	87	94	98	96	94	86
CMP-2050-4T-20/ATEX	89	68	78	89	96	100	98	96	88

Dimensions in mm

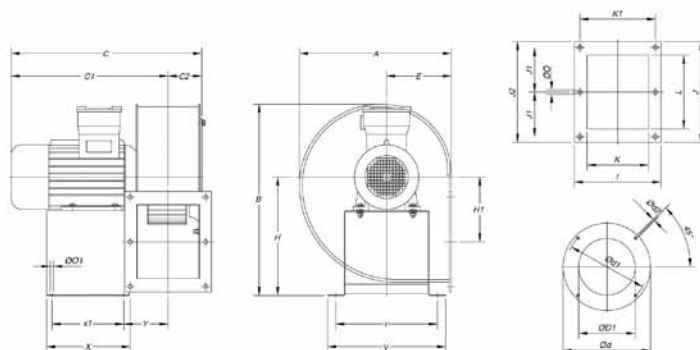
CMP-616...820



Model	A	B1	B2	C	C1	C2	øD1	ød	ød1	ød2	E	H1	I	J	J1	J2	K	k2	L	øO
CMP-616-2T/ATEX	258	297	173.5	375	318	56	160	204	180	M.6	110	105.5	153	172	-	147	103	128	125	7
CMP-616-4T/ATEX	258	297	173.5	345	288	56	160	204	180	M.6	110	105.5	153	172	-	147	103	128	125	7
CMP-620-2T/ATEX	298	347	202.5	376	320	56	200	247	230	M.6	126	145.5	159	153	-	128	105	134	100	8
CMP-620-4T/ATEX	298	347	202.5	345	290	56	200	247	230	M.6	126	145.5	159	153	-	128	105	134	100	8
CMP-718-2T/ATEX	303.5	348	201	396	335	64	180	238	210	M.6	129.5	122	169	192	85	170	115	145	146	9
CMP-718-4T/ATEX	303.5	348	201	385	324	64	180	238	210	M.6	129.5	122	169	192	85	170	115	145	146	9
CMP-820-2T/ATEX	322	377	223	411	343	68	200	247	230	M.6	137.5	137	184	213	94.5	189	130	160	156	9
CMP-820-4T/ATEX	322	377	223	400	332	68	200	247	230	M.6	137.5	137	184	213	94.5	189	130	160	156	9

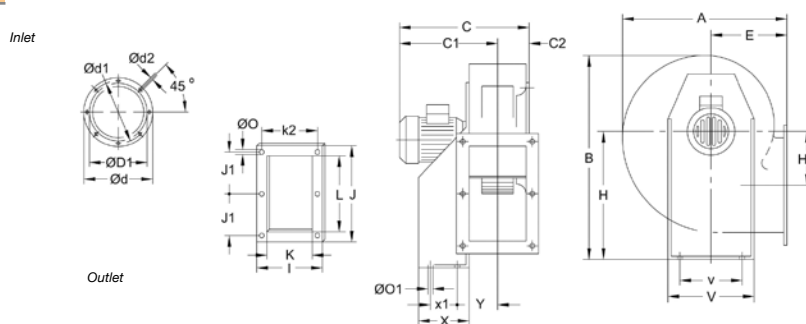
Dimensions in mm

CMP-616...820



Model	A	B	C	C1	C2	ØD1	Ød	Ød1	Ød2	E	H	H1	I	J	J1	J2	K	k1	L	Ø0	Ø01	V	v	X	x1	Y
CMP (EEx-d)-616-2T	258	400	376	318.5	57.5	160	204	180	M.6	109.5	251	107	153	172	-	147	103	128	125	7	9	250	215	175	145	83.5
CMP (EEx-d)-616-4T	258	380	346	288.5	57.5	160	204	180	M.6	109.5	243	107	153	172	-	147	103	128	125	7	9	250	215	175	145	78.5
CMP (EEx-d)-620-2T	298	400	376	320	56	200	247	230	M.6	126	251	145.5	159	153	-	128	105	134	100	8	9	250	215	175	145	84.5
CMP (EEx-d)-620-4T	298	388	346	290	56	200	247	230	M.6	126	243	145.5	159	153	-	128	105	134	100	9	9	250	215	175	145	79.5
CMP (EEx-d)-718-2T	303.5	440	396	335	61	180	238	210	M.6	129.5	260	122	169	192	85	170	115	145	146	9	9	250	215	175	145	94.5
CMP (EEx-d)-718-4T	303.5	400	386	325	61	180	238	210	M.6	129.5	251	122	169	192	85	170	115	145	146	9	9	250	215	175	145	94.5
CMP (EEx-d)-820-2T	322	440	415	343.5	71.5	200	247	230	M.6	137.5	260	137	184	213	94.5	189	130	160	156	9	9	250	215	175	145	102
CMP (EEx-d)-820-4T	322	405	403	331.5	71.5	200	247	230	M.6	137.5	251	137	184	213	94.5	189	130	160	156	9	9	250	215	175	145	97

CMP-922...1231

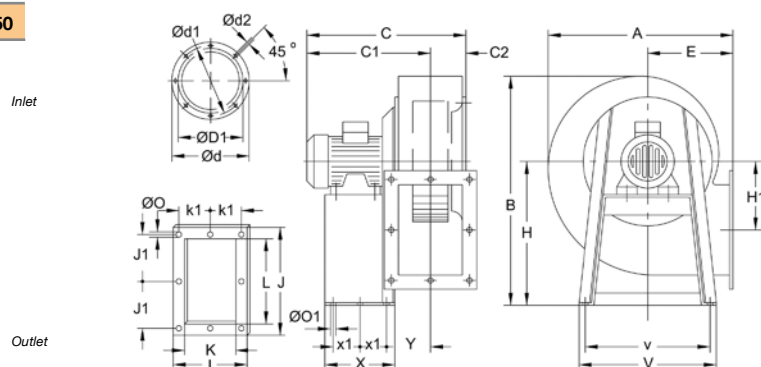


Model	EEx-"e"				EEx-"d"																						
	A	B	C	C1	C	C1	C2	øD1*	ød	ød1	ød2	E	H	H1	I	J	J1	K	k2	L	ø0	ø01	V	v	X	x1	Y
CMP-922-2T-1.5/ATEX	388.5	455	382	309	424	351	73.5	224	278	256	M.8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-2T-2/ATEX	388.5	455	423.5	350	430.5	357	73.5	224	278	256	M.8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-2T-3/ATEX	388.5	455	423.5	350	430.5	357	73.5	224	278	256	M.8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-922-4T/ATEX	388.5	455	382.5	309	424	351	73.5	224	278	256	M.8	180	280	134	204	282.5	128	140	180	215	9.5	10.5	290	220	114	50	105
CMP-1025-2T-3/ATEX	427	503	456	370	466	380	86	250	305	282	M.8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1025-2T-4/ATEX	427	503	486	400	516	430	86	250	305	282	M.8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1025-4T/ATEX	427	503	456	370	466	380	86	250	305	282	M.8	197	310	144	229	312.5	145	165	205	250	9.5	12.5	315	228	134	74	115.5
CMP-1128-2T-4/ATEX	472	553	493.5	400	532.5	434	93.5	280	348	320	M.8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1128-2T-5.5/ATEX	472	553	553.5	451	553.5	451	93.5	280	348	320	M.8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1128-4T/ATEX	472	553	493.5	400	532.5	434	93.5	280	348	320	M.8	216	340	152	244	364	170	180	220	296.5	9.5	12.5	348	245	144	95	122.5
CMP-1231-4T-3/ATEX	526	630	520.5	417	547.5	444	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126
CMP-1231-4T-4/ATEX	526	630	520.5	417	547.5	444	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126
CMP-1231-4T-5.5/ATEX	526	630	543.5	440	576.5	434	103.5	315	382	354	M.8	238	390	179.5	264	382.5	180	200	240	320	11.5	13	382	322	183	140	126

* Recommended nominal diameter for duct.

Dimensions in mm

CMP-1435...2050



Model			EEEx-"e"		EEEx-"d"																						
	A	B	C	C1	C	C1	C2	øD1*	ød	ød1	ød2	E	H	H1	I	J	J1	K	k1	L	ø0	ø01	V	v	X	x1	Y
CMP-1435-4T-4/ATEX	573.5	715	527	409	577	459	118	355	422	394	M.8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1435-4T-5.5/ATEX	573.5	715	572	545	597	479	118	355	422	394	M.8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1435-4T-7.5/ATEX	573.5	715	610	492	670	552	118	355	422	394	M.8	250	445	242.5	292	342.5	159	228	133	280	11.5	12	456	420	333	136.5	150
CMP-1640-4T-5.5/ATEX	634	799	596	465	621	491	130	400	464	438	M.8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1640-4T-7.5/ATEX	634	799	634	504	693	563	130	400	464	438	M.8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1640-4T-10/ATEX	634	799	634	504	693	563	130	400	464	438	M.8	270	495	271	336	404	185	250	150	321	11.5	12	500	460	327	133.5	162.5
CMP-1845-4T-7.5/ATEX	711	901	668	521	727	580	147	450	515	485	M.8	302	560	305	370	444	202	284	164	361	11.5	12	538	502	340	140	179.5
CMP-1845-4T-10/ATEX	711	901	668	521	727	580	147	450	515	485	M.8	302	560	305	370	444	202	284	164	361	11.5	12	538	502	340	140	179.5
CMP-2050-4T-10/ATEX	797	987	700.5	538	759	596.5	162.5	500	565	535	M.10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-4T-15/ATEX	797	987	818.5	656	923.5	764.5	162.5	500	565	535	M.10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196
CMP-2050-4T-20/ATEX	797	987	859.5	697	923.5	764.5	162.5	500	565	535	M.10	345	610	313	411	544	250	315	182.5	451	11.5	12	653	615	435	188	196

* Recommended nominal diameter for duct.

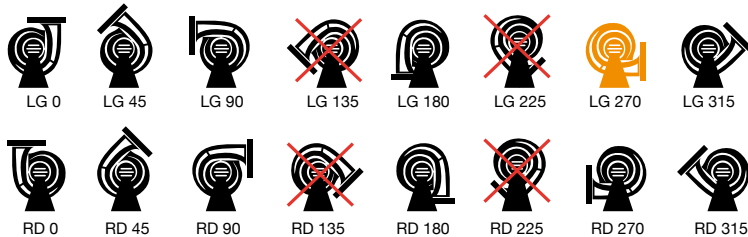
Characteristic curves

See CMP series

Positions

LG 270 standard supply

LG 180 and RD 180 positions on request and with special fixing measures.



Accessories

See accessories section.



CMR/ATEX

Robust centrifugal medium-pressure fans fitted with backward-curved impeller with ATEX certification



Robust centrifugal single-inlet, medium-pressure fans to work in explosive atmospheres.

Fan:

- Steel sheet casing
- Impeller with backward-curved blades made from robust sheet steel
- Aro de aspiración antichispas en cobre o aluminio

Motor:

- Class F motors, with ball bearings, IP55 protection, with ATEX certification, EEx"e" explosion-proof or EEx"d" flame-resistant motors
- Three-phase 220/380V. 60HZ (up to 5.5CV) and 380/660V. 60Hz.(power over 5.5CV)
- Max. air temperature to transport: -20°C.+ 80°C.



EEx "e" mark: CE II 2 G. EEx e
EEx "d" mark: CE II 2 G. EEx d
DIP55 mark: CE II 3 D. IP55
DIP65 mark: CE II 2 D. IP65
Notified authority: L.O.M.
ID no.
LOM3ATEX147

Finish:

- Anticorrosive finish with ATEX paint, free from ferric compounds, in polyester resin, polymerised at 190°C after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Motors with incorporated PTC
- Special windings for different voltages and frequencies
- ATEX construction for different categories
- Made from stainless steel

Order code

CMR/ATEX — 1650 — 2T — 5,5 — DIP65 — 60Hz

Robust centrifugal medium-pressure fans fitted with backward-curved impeller with ATEX certification

EEx "e" mark: CE II 2 G. EEx e

EEx "d" mark: CE II 2 G. EEx d

DIP55 mark: CE II 3 D. IP55

DIP65 mark: CE II 2 D. IP65

Notified authority: L.O.M.

ID no. LOM3ATEX147

Impeller size

Number of motor poles

2=3500 r/min. 60 Hz

4=1680 r/min. 60 Hz

6=1080 r/min. 60 Hz

T=Three-phase

Power motor (CV.)

EEx-e: Mark:

CE II 2 G. EEx e IIBT3

EEx "d" mark:

CE II 2 G. EEx d IIBT3

DIP55 mark:

CE II 3 D. IP55

DIP65 mark:

CE II 2 D. IP65

Technical characteristics

60Hz

Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight with motor (Kg) EEx-e EEx-d
CMR-1240-4T/ATEX	1745	0.75	5850	71	70 84
CMR-1445-2T/ATEX	3500	7.5	10800	87	141 163
CMR-1445-4T/ATEX	1750	1.5	8950	72	93 112
CMR-1650-2T/ATEX	3490	11	15950	89	178 258
CMR-1650-4T/ATEX	1730	2.2	11700	74	114 134
CMR-1650-6T/ATEX	1165	1.1	7850	64	111 130
CMR-1856-4T/ATEX	1745	4	15350	79	152 175
CMR-1856-6T/ATEX	1160	1.5	11100	70	145 166
CMR-2063-4T/ATEX	1750	5.5	19000	80	225 264
CMR-2063-6T/ATEX	1120	1.5	12300	71	209 233
CMR-2271-4T/ATEX	1760	11	30200	85	315 412
CMR-2271-6T/ATEX	1140	3	19600	76	280 320
CMR-2380-4T/ATEX	1680	22	48000	83	416 495
CMR-2380-6T/ATEX	1080	7.5	30000	75	363 441

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the turbine's diameter, with a minimum of 1.5 m.

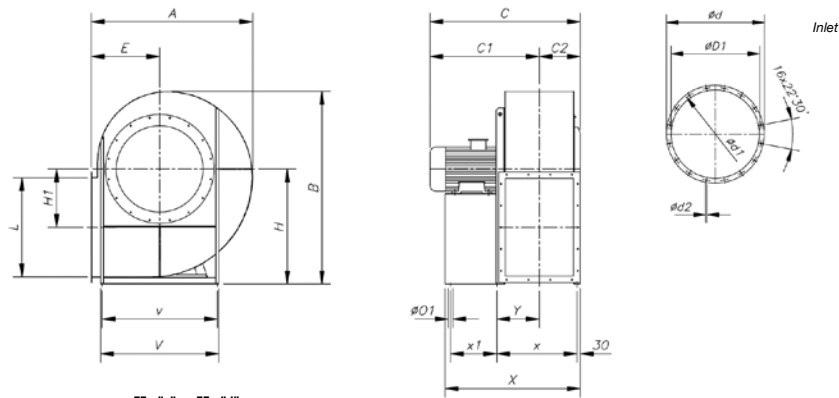
Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMR-1240-4T/ATEX	71	56	70	76	79	79	80	70	59
CMR-1445-2T/ATEX	87	73	85	83	95	93	97	99	89
CMR-1445-4T/ATEX	72	59	72	78	83	80	83	78	64
CMR-1650-2T/ATEX	89	73	81	85	99	97	99	99	88
CMR-1650-4T/ATEX	74	64	74	82	84	83	85	76	66
CMR-1650-6T/ATEX	64	53	65	72	77	73	69	62	54
CMR-1856-4T/ATEX	79	69	78	91	87	90	91	85	71

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CMR-1856-6T/ATEX	70	61	69	81	83	80	81	71	60
CMR-2063-4T/ATEX	80	80	85	91	93	91	88	81	73
CMR-2063-6T/ATEX	71	69	70	82	82	81	83	73	63
CMR-2271-4T/ATEX	85	83	84	93	96	98	99	95	82
CMR-2271-6T/ATEX	76	73	73	87	86	90	90	79	68
CMR-2380-4T/ATEX	83	76	78	94	91	96	97	93	82
CMR-2380-6T/ATEX	75	68	70	86	83	88	89	85	74

Dimensions in mm

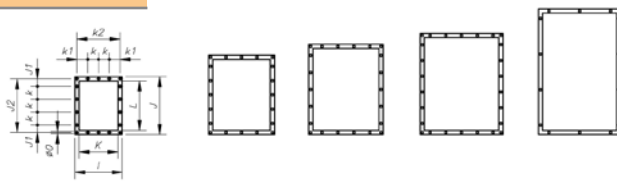
CMR-1240...2271



Model	A	B	C	C1	ØD1*	Ød	ØD1	ØD2	E	F	G	H	I	K	k2	L	M	N	ØD1	P	Q	R
CMR-1240-4T/ATEX	673	790	596	638	400	472	444	M.10	305	368	310	480	395	315	355	400	358	40	11	593	710	20
CMR-1445-2T/ATEX	765	880	774	857	450	522	494	M.10	350	415	339	541	445	355	405	450	404	45	11	675	790	20
CMR-1445-4T/ATEX	765	880	679	687	450	522	494	M.10	350	415	339	541	445	355	405	450	404	45	11	675	790	20
CMR-1650-2T/ATEX	832	970	945.5	1018	500	582	555	M.10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1650-4T/ATEX	832	970	724.5	724.5	500	582	555	M.10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1650-6T/ATEX	832	970	724.5	724.5	500	582	555	M.10	375	457	378	592	490	400	450	500	445	45	13	742	880	20
CMR-1856-4T/ATEX	925	1084	798	889	560	645	615	M.10	415	510	426	658	550	450	500	560	493	50	13	825	984	25
CMR-1856-6T/ATEX	925	1084	780.5	809	560	645	615	M.10	415	510	426	658	550	450	500	560	493	50	13	825	984	25
CMR-2063-4T/ATEX	1037	1218	937	1020	630	720	688	M.10	465	572	477	741	620	500	560	630	530	60	13	917	1098	30
CMR-2063-6T/ATEX	1037	1218	839	930	630	720	688	M.10	465	572	477	741	620	500	560	630	530	60	13	917	1098	30
CMR-2271-4T/ATEX	1173	1375	1129	1201	710	800	768	M.12	525	648	538	837	690	560	625	710	603	65	13	1043	1245	32.5
CMR-2271-6T/ATEX	1173	1375	973	1056	710	800	768	M.12	525	648	538	837	690	560	625	710	603	65	13	1043	1245	32.5

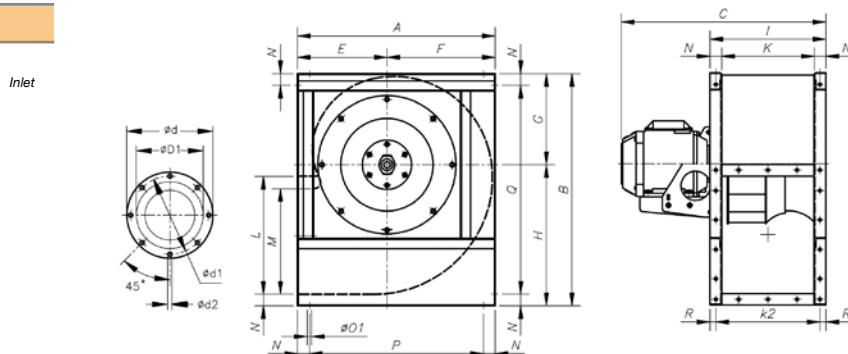
* Recommended nominal diameter for duct.

CMR-1240...2380



Model	I	J	J1	J2	K	k	k1	k2	L	Ø0
CMR-1240	395	480	70	440	315	100	77.5	355	400	11
CMR-1445	445	540	99	498	355	100	102.5	405	450	11
CMR-1650	490	590	87.5	550	400	125	100	450	500	13
CMR-1856	550	660	55	610	450	125	125	500	560	13
CMR-2063	620	750	95	690	500	125	92.5	560	630	13
CMR-2271	690	840	75	775	560	125	62.5	625	710	13
CMR-2380	680	920	160	871	560	200	140	639	800	14

CMR-2380



Model	A	B	C	C1	C	C1	C2	ØD1*	Ød	Ød1	Ød2	E	H	H1	L	Ø01	V	v	X	x	x1	Y
CMR-2380-4T/ATEX	1350	1660	1019	733	1063	777	286	808	906	861	11.5	560	1000	500	800	17	930	870	1102.5	667.5	370	352.5
CMR-2380-6T/ATEX	1350	1660	590	304	716	430	286	808	906	861	11.5	560	1000	500	800	17	930	870	1102.5	667.5	340	352.5

Characteristic curves

See CMR series

Positions

LG 270 standard supply



Accessories

See accessories section.



CHT CVT

400°C/2h centrifugal roof fans with horizontal or vertical outlet air

CHT: 400°C/2h centrifugal roof fans with horizontal outlet air, hood in aluminium

CVT: 400°C/2h centrifugal roof fans with vertical outlet air, hood in aluminium

Fan:

- Galvanised sheet steel base plate.
- Impeller with backward-curved blades made from galvanised sheet steel
- Bird guard
- Aluminium rain deflector hood
- Approval according to Standard EN-12101-3-2002, certification No.: 0370-CPD-0897

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions, IP54 protection, one- or two-speed depending on the model
- 220V single-phase. 60Hz., and three-phase 220/380V. 60Hz

- Max. air temperature to transport: -25°C.+ 120°C.

Finish:

- Anticorrosive galvanized sheet steel and aluminium

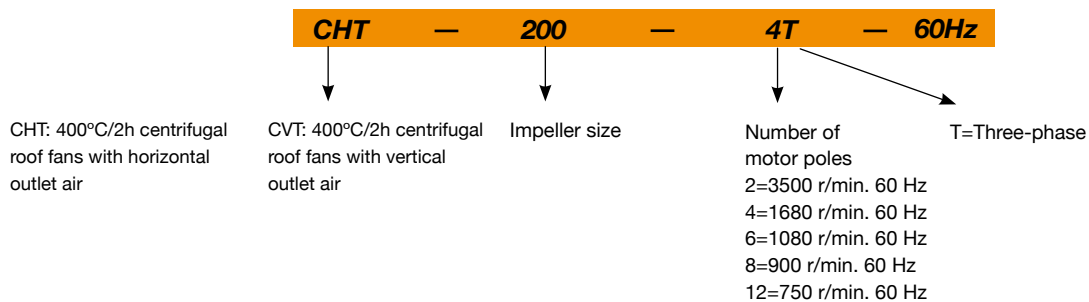
On request:

- Special windings for different voltages,
- ATEX certification, Category 3



Brackets that aid mounting on the roof

Order code



Technical characteristics

60Hz

Model			Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound level dB(A)		Approx. weight (Kg)
				220V	380V			Inlet	Outlet	
CHT	CVT	200-4T	1620	1.45	0.84	0.25	1450	37	43	25
CHT	CVT	200-4M	1656	0.65		0.25	1450	37	43	25
CHT	CVT	225-4T	1620	1.45	0.84	0.25	2100	41	47	25
CHT	CVT	225-4M	1656	0.95		0.25	2100	41	47	25
CHT	CVT	225-6T	1080	1.51	0.87	0.25	1400	30	36	26
CHT	CVT	225-6M	1068	0.5		0.25	1400	30	36	26
CHT	CVT	250-4T	1620	1.45	0.84	0.25	3100	45	50	34
CHT	CVT	250-4M	1656	1.35		0.25	3100	45	50	34
CHT	CVT	250-6T	1080	1.51	0.87	0.25	2000	33	40	35
CHT	CVT	250-6M	1068	0.65		0.25	2000	33	40	35
CHT	CVT	315-4T	1644	2.74	1.58	0.55	4950	48	54	39
CHT	CVT	315-4/8T	1722 / 858		1.6 / 0.6	0.55 / 0.09	4950 / 2475	48 / 33	54 / 39	40

Technical characteristics

Model			Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound level dB(A)		Approx. weight (Kg)
				220V	380V			Inlet	Outlet	
CHT CVT 315-4M			1656	3.3		0.55	4950	48	54	39
CHT CVT 315-6T			1080	2.13	1.23	0.37	3200	37	43	39
CHT CVT 315-6M			1092	0.95		0.37	3200	37	43	39
CHT CVT 400-4T			1656	3.34	1.93	0.75	7000	55	61	57
CHT CVT 400-4/8T			1710 / 852		2.3 / 0.9	0.75 / 0.12	7000 / 3500	55 / 40	61 / 46	58
CHT CVT 400-4M			1656	4.4		0.75	7000	55	61	57
CHT CVT 400-6T			1080	2.13	1.23	0.37	4500	44	50	56
CHT CVT 400-6M			1092	1.8		0.37	4500	44	50	56
CHT CVT 450-4T			1680	5.97	3.45	1.5	10200	59	64	66
CHT CVT 450-4/8T			1704 / 840		3.5 / 1.5	1.5 / 0.37	10200 / 5100	59 / 43	64 / 49	66
CHT CVT 450-6T			1080	2.13	1.23	0.37	6900	47	54	59
CHT CVT 450-6/12T			1116 / 540		1.6 / 0.65	0.55 / 0.09	6900 / 3450	47 / 32	54 / 39	63
CHT CVT 450-6M			1092	2		0.37	6900	47	54	59
CHT CVT 500-6T			1110	5.23	3.02	1.1	12000	51	57	103
CHT CVT 500-6/12T			1140 / 564		3 / 1.15	1.1 / 0.18	12000 / 6000	51 / 36	57 / 42	110
CHT CVT 500-8T			816	3.21	1.85	0.55	8900	44	50	103
CHT CVT 560-6T			1146	9.28	5.36	2.2	17300	54	61	126
CHT CVT 560-6/12T			1128 / 564		5.6 / 2.2	2.2 / 0.37	17300 / 8650	54 / 39	61 / 46	120
CHT CVT 560-8T			852	5.54	3.2	1.1	12900	46	53	110
CHT CVT 630-6T			1152	16.35	9.44	4	24700	58	64	166
CHT CVT 630-6/12T			1164 / 576		11 / 4	4 / 0.65	24700 / 12350	58 / 43	64 / 49	161
CHT CVT 630-8T			852	7.45	4.3	1.5	18400	50	57	148

(1) The sound level values are measurements of pressure in dB(A) at a distance of 6 m and at 2/3 of the maximum airflow (2/3 Qmax.)

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at a distance of 6 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Values taken at the inlet with 2/3 of the maximum airflow (2/3Qmax).

Model	63	125	250	500	1000	2000	4000
8000	200	35	41	52	55	56	52 50
44							
225-4	42	51	56	56	60	59	52 46
225-6	31	40	45	45	49	48	41 35
250-4	46	55	60	60	64	63	56 50
250-6	34	43	48	48	52	51	44 38
315-4	50	56	62	62	65	68	59 53
315-6	39	45	51	51	54	57	48 42
315-8	35	41	47	47	50	53	44 38
400-4	57	63	69	69	72	75	66 60
400-6	46	52	58	58	61	64	55 49
400-8	42	48	54	54	57	60	51 45
450-4	62	69	74	74	78	77	70 65
450-6	50	57	62	62	66	65	58 53
450-8	46	53	58	58	62	61	54 49
450-12	35	42	47	47	51	50	43 38
500-6	54	60	65	66	70	69	62 55
500-8	47	53	58	59	63	62	55 48
500-12	39	45	50	51	55	54	47 40
560-6	57	63	68	69	73	72	65 58
560-8	49	55	60	61	65	64	57 50
560-12	42	48	53	54	58	57	50 43
630-6	61	67	72	73	77	76	69 62
630-8	53	59	64	65	69	68	61 54
630-12	46	52	57	58	62	61	54 47

Values taken at outlet with 2/3 of the maximum airflow (2/3Qmax).

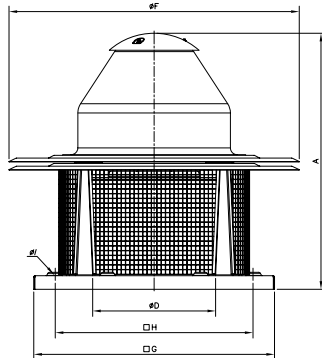
Model	63	125	250	500	1000	2000	4000	8000
200	39	44	58	60	61	61	56	51
225-4	41	50	60	64	67	64	57	51
225-6	30	39	49	53	56	53	46	40
250-4	44	53	63	67	70	67	60	54
250-6	34	43	53	57	60	57	50	44
315-4	49	61	69	71	72	72	64	56
315-6	38	50	58	60	61	61	53	45
315-8	34	46	54	56	57	57	49	41
400-4	56	68	76	78	79	79	71	63
400-6	45	57	65	67	68	68	60	52
400-8	41	53	61	63	64	64	56	48
450-4	60	72	80	82	83	80	73	65
450-6	50	62	70	72	73	70	63	55
450-8	45	57	65	67	68	65	58	50
450-12	35	47	55	57	58	55	48	40
500-6	50	64	72	76	75	72	66	60
500-8	43	57	65	69	68	65	59	53
500-12	35	49	57	61	60	57	51	45
560-6	54	68	76	80	79	76	70	64
560-8	46	60	68	72	71	68	62	56
560-12	39	53	61	65	64	61	55	49
630-6	57	71	79	83	72	79	73	67
630-8	50	64	72	76	72	72	66	60
630-12	42	56	64	68	67	64	58	52

To obtain the Lwa sound power spectra in dB(A) at the inlet with the maximum airflow (Qmax), add the values in the following tables to the LpA sound pressure level given on the characteristic curves:

Frequency band in Hz							
63	125	250	500	1000	2000	4000	8000
2	9	15	15	18	18	11	5

Dimensions in mm

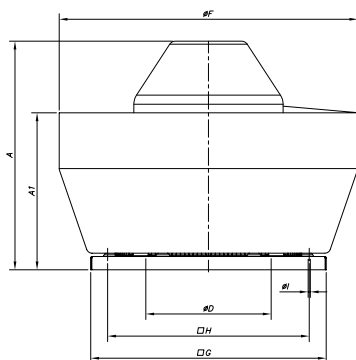
CHT



Model	A	øD*	øF	G	H	øI
CHT-200	552	250	570	450	360	12
CHT-225	570	250	570	450	360	12
CHT-250	632	355	726	560	450	12
CHT-315	682	355	726	560	450	12
CHT-400	755	500	856	710	590	12
CHT-450	770	500	856	710	590	12
CHT-500	846	630	1075	900	750	14
CHT-560	1035	710	1300	1100	900	14
CHT-630	1098	710	1300	1100	900	14

(*) Recommended nominal diameter for duct.

CVT



Model	A	A1	øD*	øF	G	H	øI
CVT-200	500	308	250	530	450	360	12
CVT-225	517	308	250	530	450	360	12
CVT-250	580	380	355	705	560	450	12
CVT-315	630	380	355	705	560	450	12
CVT-400	690	475	500	900	710	590	12
CVT-450	705	475	500	900	710	590	12
CVT-500	775	545	630	1100	900	750	14
CVT-560	956	676	710	1295	1100	900	14
CVT-630	1017	676	710	1295	1100	900	14

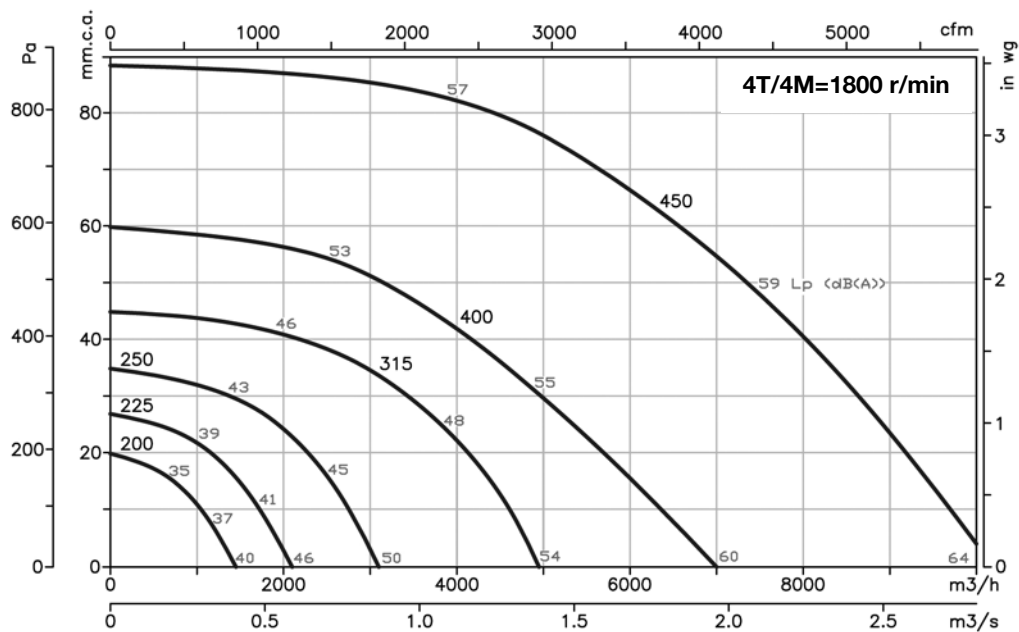
(*) Recommended nominal diameter for duct.

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

The Lp (dB(A)) sound levels given on the curves are free field pressure measurements at 6 metres at the inlet.

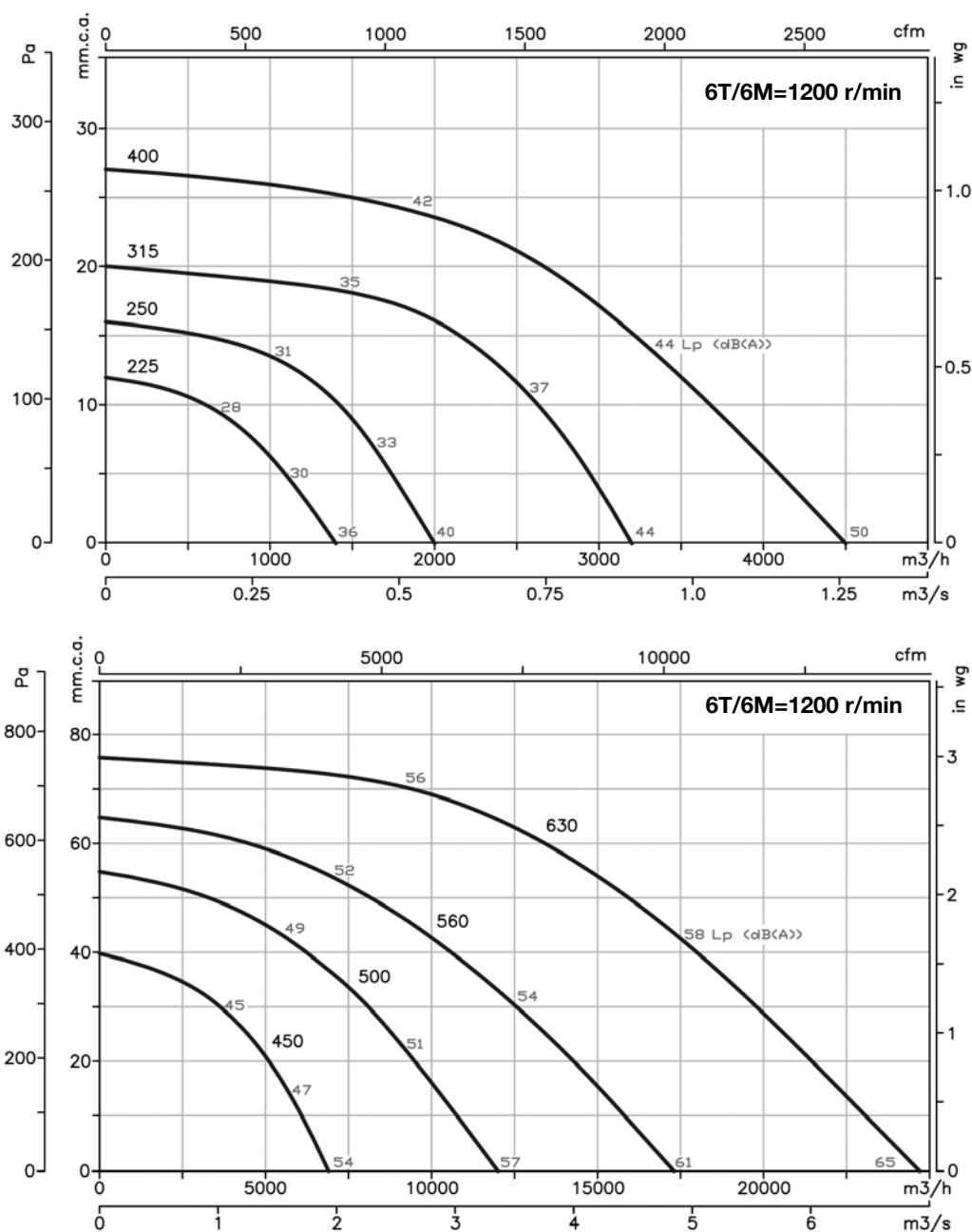


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

The Lp (dB(A)) sound levels given on the curves are free field pressure measurements at 6 metres at the inlet.



Accessories

See accessories section



INT

C2V

AR

RM

RFT

BAC

B

PA

MS

PT

S

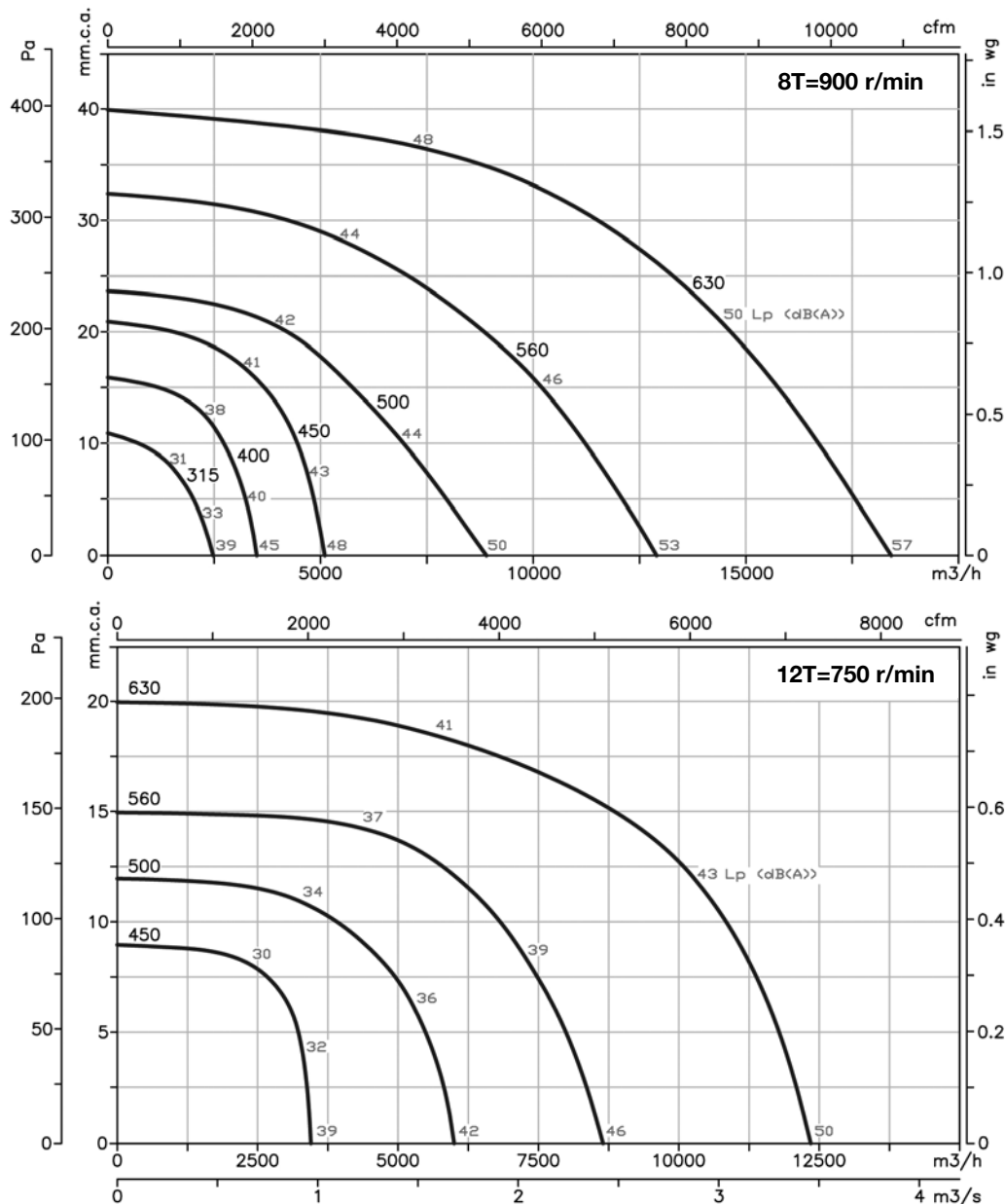
SI

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.

The Lp (dB(A)) sound levels given on the curves are free field pressure measurements at 6 metres at the inlet.



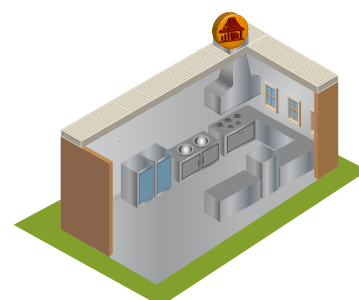
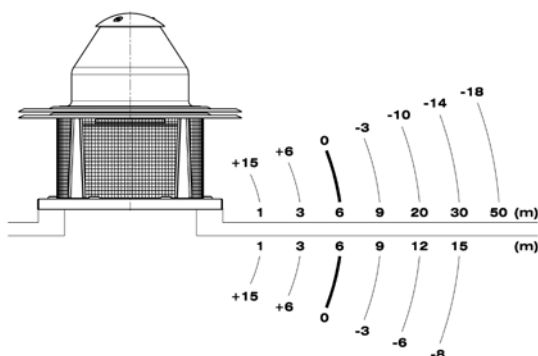
Variation of sound pressure depending on distance Example of use

The sound level may vary depending on the roof structure.

Fans suitable for use in industrial kitchens.

For the correct application of the standard:

- C.T.E. Technical Building Code. Basic SI Document for fire safety.
- Basic HS Document for health and safety.



HT

Axial roof fans with flat base

Axial roof fans with plastic fibreglass-reinforced impeller, with a flat base to mount on the roof.



Fan:

- Sheet steel base plate.
- Impellers in polyamide 6 reinforced with fibre glass
- Bird guard
- Sheet steel rain deflector hood with anticorrosive protection, except models 80,90,100 which come in polyester
- Airflow direction from motor to impeller

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 63, IP54 protection.
- Single-phase 220/380V. 60Hz., and three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz. (power over 5.5CV)
- Max. air temperature to transport: -25°C.+ 60°C.

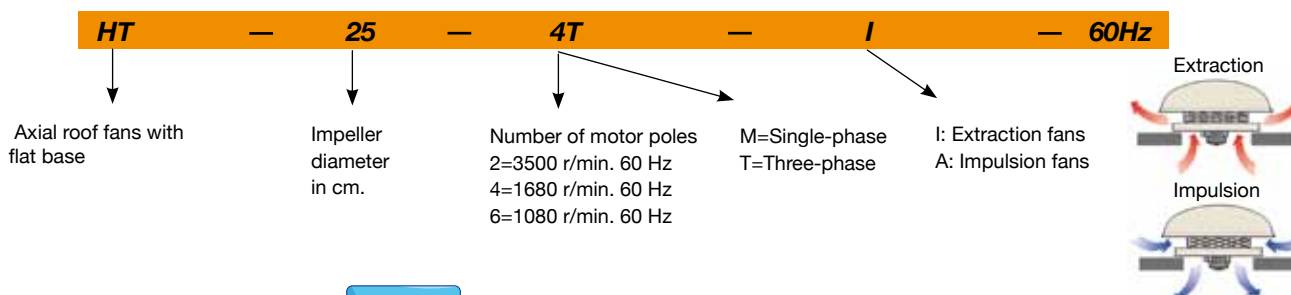
Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Possibility of supply as IMPULSION FANS
- AL version cast aluminium impellers.
- Special windings for different voltages
- ATEX certification, Category 2

Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Max. admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)		Approx. weight (Kg)
		220V	380V	660V			Inlet	Outlet	
HT-25-4T	1740	0.6	0.35		0.1	1080	41	40	12.5
HT-25-4M	1740	0.63			0.1	1080	41	40	12.5
HT-31-4T	1716	0.64	0.37		0.1	1800	47	46	13.3
HT-31-4M	1716	0.75			0.1	1800	47	46	13.5
HT-35-4T	1632	0.72	0.42		0.1	2600	48	47	17.5
HT-35-4M	1632	0.87			0.1	2600	48	47	17.5
HT-40-4T	1680	1.82	1.05		0.25	4600	51	50	21
HT-40-4M	1680	2.18			0.25	4600	51	50	21
HT-45-4T	1656	2.08	1.2		0.37	6500	55	53	29
HT-45-4M	1650	3.1			0.37	6500	55	54	30.5
HT-50-4T	1656	2.94	1.7		0.55	8500	59	57	36
HT-50-4M	1620	4.4			0.55	8500	59	57	39
HT-56-4T	1740	3.46	2		0.75	9800	61	57	35
HT-56-4M	1740	4.4			0.75	9800	61	57	37
HT-56-6T	1140	1.47	0.85		0.25	6600	48	46	46
HT-56-6M	1140	2			0.25	6600	48	46	46
HT-63-4T	1740	5.2	3		1.1	14000	63	59	65.8
HT-63-6T	1140	2.11	1.22		0.37	9200	52	49	61.8
HT-63-6M	1140	2.8			0.37	9200	52	49	61.8
HT-71-4T	1740	6.41	3.7		1.5	18000	69	67	64
HT-71-6T	1140	2.96	1.71		0.55	12200	58	56	64.9

Technical characteristics

Model	Speed (r/min)	Max. admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)		Approx. weight (Kg)
		220V	380V	660V			Inlet	Outlet	
HT-71-6M	1140	4			0.55	12200	58	56	64.9
HT-80-4T	1740	8.92	5.15		2.2	26200	73	70	87.8
HT-80-6T	1140	5.8	3.35		1.1	18000	64	61	81.8
HT-90-4T	1740	11.78	6.8		3	31500	77	74	94
HT-90-6T	1140	7.62	4.4		1.5	21200	68	65	91
HT-100-4T-7.5	1740		11.9	6.9	5.5	37000	80	77	114
HT-100-4T-10	1740		16.9	9.8	7.5	44000	84	81	125
HT-100-6T-2	1128	7.62	4.4		1.5	25000	71	68	102
HT-100-6T-3	1152	10.05	5.8		2.2	28200	75	72	106
HT-100-8T-1.5	840	6.32	3.65		1.1	19050	64	61	103
HT-100-8T-2	852	7.36	4.25		1.5	21100	66	63	114

Acoustic features

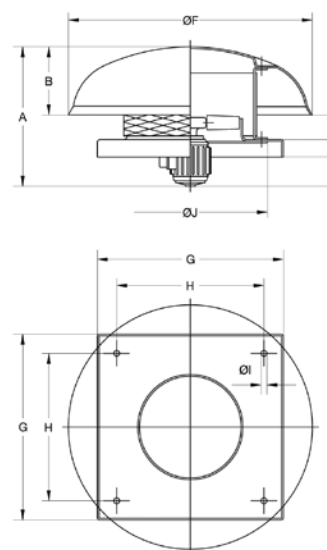
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at a distance of 6 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25	27	37	54	54	62	58	51	42	25	26	36	53	53	61	57	50	41
31	33	43	60	60	68	64	57	48	31	32	42	59	59	67	63	56	47
35	34	44	61	61	69	65	58	49	35	33	43	60	60	68	64	57	48
40	28	45	57	65	70	70	66	59	40	27	44	56	64	69	69	65	58
45	32	49	61	69	74	74	70	63	45	30	47	59	67	72	72	68	61
50	36	53	65	73	78	78	74	67	50	34	51	63	71	76	76	72	65
56-4	38	55	67	75	80	80	76	69	56-4	34	51	63	71	76	76	72	65
56-6	25	42	54	62	67	67	63	56	56-6	23	40	52	60	65	65	61	54
63-4	40	57	69	77	82	82	78	71	63-4	36	53	65	73	78	78	74	67
63-6	29	46	58	66	71	71	67	60	63-6	26	43	55	63	68	68	64	57
71-4	46	63	75	83	88	88	84	77	71-4	44	61	73	81	86	86	82	75
71-6	35	52	64	72	77	77	73	66	71-6	33	50	62	70	75	75	71	64
80-4	57	78	85	90	93	89	82	71	80-4	54	75	82	87	90	86	79	68
80-6	48	69	76	81	84	80	73	62	80-6	45	66	73	78	81	77	70	59
90-4	61	82	89	94	97	93	86	75	90-4	58	79	86	91	94	90	83	72
90-6	52	73	80	85	88	84	77	66	90-6	49	70	77	82	85	81	74	63
100-4-7.5	64	85	92	97	100	96	89	78	100-4-7.5	61	82	89	94	97	93	86	75
100-4-10	68	89	96	101	104	100	93	82	100-4-10	65	86	93	98	101	97	90	79
100-6-2	55	76	83	88	91	87	80	69	100-6-2	52	73	80	85	88	84	77	66
100-6-3	59	80	87	92	95	91	84	73	100-6-3	56	77	84	89	92	88	81	70
100-8-1.5	48	69	76	81	84	80	73	62	100-8-1.5	45	66	73	78	81	77	70	59
100-8-2	50	71	78	83	86	82	75	64	100-8-2	47	68	75	80	83	79	72	61

Dimensions in mm

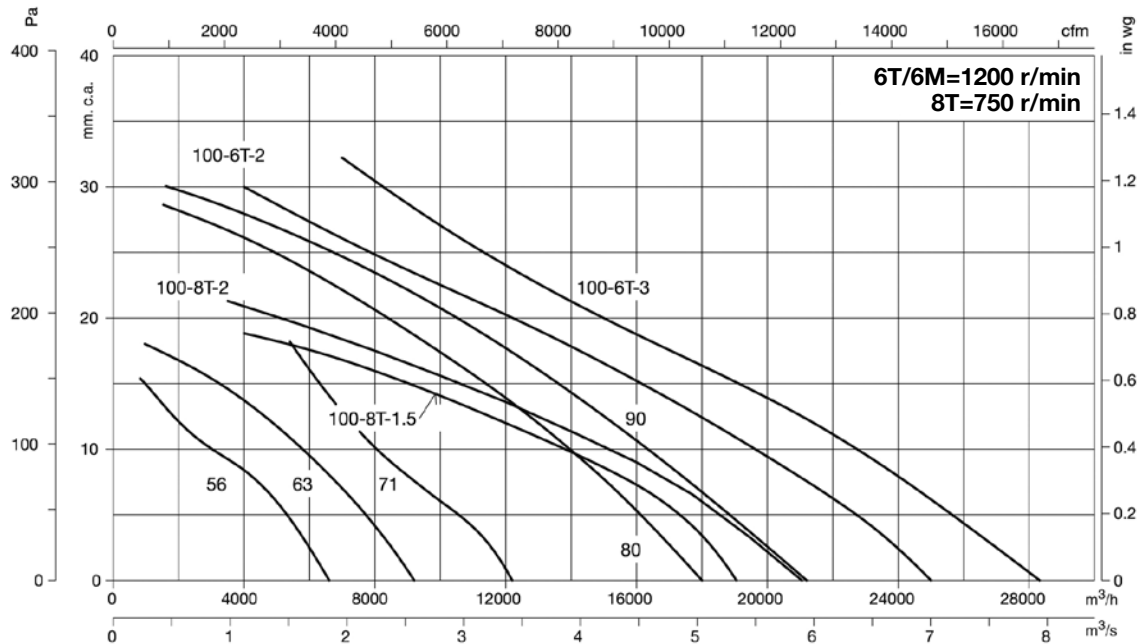
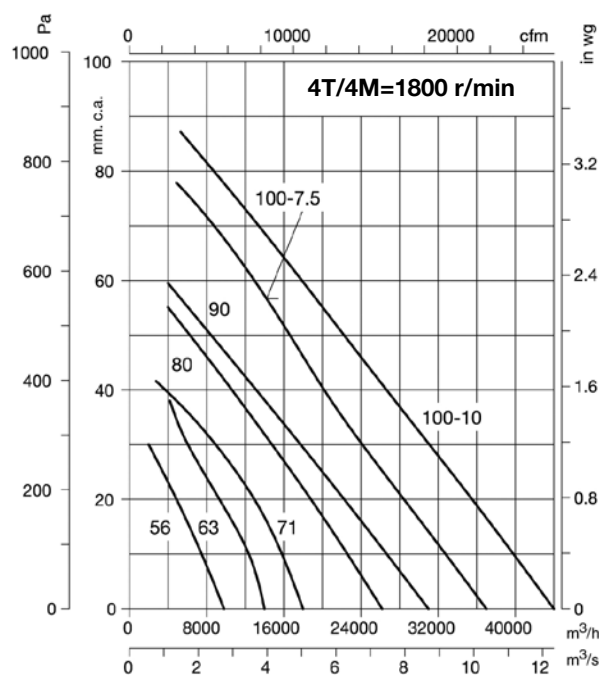
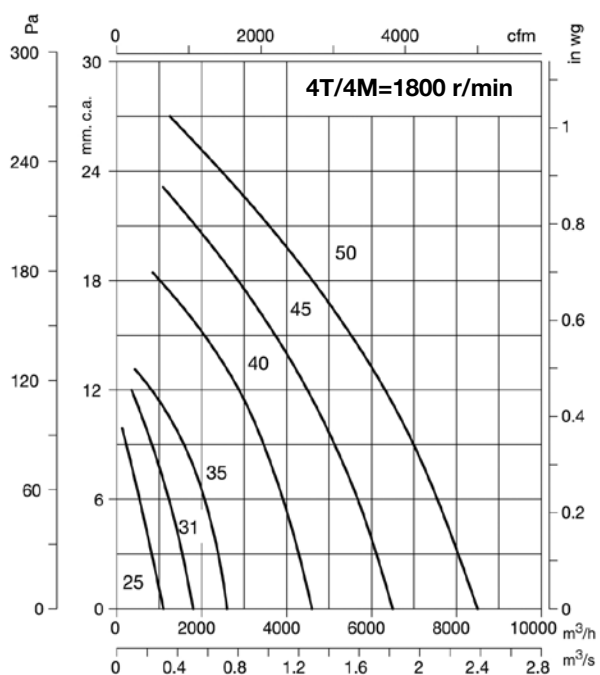
Model	A	B	C	D	E	ØF	G	H	ØI	ØJ
HT-25	400	176	44	40	140	620	450	360	12	346
HT-31	423	176	67	40	140	620	500	410	12	416
HT-35	472	228	64	40	140	770	560	450	12	486
HT-40	478	228	82	40	128	770	630	530	12	536
HT-45-4T	550	266	88	50	146	960	710	590	12	596
HT-45-4M	512	266	88	50	108	960	710	590	12	596
HT-50-4T	575	296	83	50	146	1090	800	680	12	676
HT-50-4M	558	296	83	50	129	1090	800	680	12	676
HT-56-4T	607	296	117	40	154	1090	900	750	14	758
HT-56-4M	590	296	117	40	137	1090	900	750	14	758
HT-56-6	589	296	117	40	136	1090	900	750	14	758
HT-63-4	714	357	136	40	182	1285	1000	850	14	735
HT-63-6	667	357	136	40	135	1285	1000	850	14	735
HT-71-4T	740	357	166	40	178	1285	1000	850	14	815
HT-71-6	689	357	166	40	178	1285	1000	850	14	815
HT-80-4	840	357	244	50	189	1285	1150	1000	14	905
HT-80-6	804	357	244	50	153	1285	1150	1000	14	905
HT-90-4	892	440	213	50	189	1580	1150	1000	14	1020
HT-90-6	896	440	213	50	193	1580	1150	1000	14	1020
HT-100-4T	997	440	284	50	223	1580	1250	1100	14	1120
HT-100-6T-2	940	440	284	50	166	1580	1250	1100	14	1120
HT-100-6T-3	957	440	284	50	183	1580	1250	1100	14	1120
HT-100-8T-1.5	940	440	284	50	166	1580	1250	1100	14	1120
HT-100-8T-2	957	440	284	50	183	1580	1250	1100	14	1120



Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



Accessories

See accessories section.



CHRE

Centrifugal roof fans with low noise level

Centrifugal roof fans with low noise level and external rotor motor.



Fan:

- Sheet steel base plate.
- Impeller with backward-curved blades made from sheet steel
- Bird guard
- Sheet steel rain deflector hood with anticorrosive protection

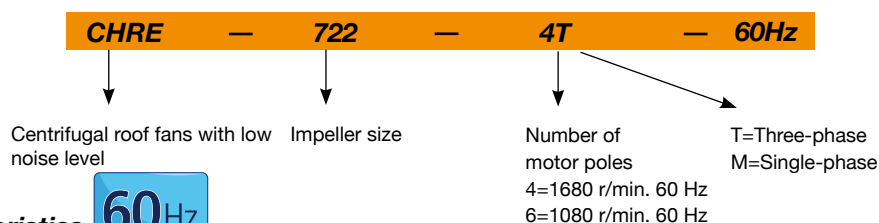
Motor:

- Class F external rotor motors, IP54 protection
- 220V single-phase. 60Hz., and three-phase 220/380V. 60Hz
- Max. air temperature to transport: -25°C.+ 50°C.

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

Order code



Technical characteristics



Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum airflow (m³/h)	Sound pressure ¹ level at 2/3 of Qmax dB(A)		Approx. weight (Kg)
		220V	380V			Inlet	Outlet	
CHRE-722-4T	1632	0.31	0.18	0.02	650	31	37	7.6
CHRE-722-4M	1632	0.25		0.02	650	31	37	7.6
CHRE-825-4T	1632	0.52	0.3	0.03	950	32	38	9.1
CHRE-825-4M	1632	0.34		0.03	950	32	38	9.1
CHRE-1131-4T	1596	0.78	0.45	0.08	2000	39	45	14.1
CHRE-1131-4M	1596	0.7		0.08	2000	39	45	14.1
CHRE-1131-6T	1092	0.43	0.25	0.03	1280	28	34	13.6
CHRE-1131-6M	1092	0.35		0.03	1280	28	34	13.6
CHRE-1135-4T	1536	0.95	0.55	0.1	2500	43	48	19.1
CHRE-1135-4M	1536	0.85		0.1	2500	43	48	19.1
CHRE-1135-6T	1056	0.52	0.3	0.04	1800	31	38	18.1
CHRE-1135-6M	1056	0.5		0.04	1800	31	38	18.1
CHRE-1240-4T	1596	1.49	0.86	0.3	4000	46	52	24.8
CHRE-1240-4M	1596	2.1		0.3	4000	46	52	26.3
CHRE-1240-6T	1032	0.61	0.35	0.06	2400	35	41	22.3
CHRE-1240-6M	1032	0.7		0.06	2400	35	41	22.8
CHRE-1445-4T	1614	2.17	1.25	0.45	5400	53	59	36
CHRE-1445-4M	1614	2.8		0.45	5400	53	59	38
CHRE-1445-6T	1104	1.13	0.65	0.15	3700	42	48	34.5
CHRE-1445-6M	1104	1.1		0.15	3700	42	48	36
CHRE-1650-4T	1656	3.29	1.9	0.8	7600	57	62	40.5
CHRE-1650-4M	1656	5.8		0.8	7600	57	62	48.5
CHRE-1650-6T	1080	1.4	0.81	0.27	5200	45	52	38
CHRE-1650-6M	1080	3		0.27	5200	45	52	40

(1) The sound level values are measurements of pressure in dB(A) at a distance of 6 m and at 2/3 of the maximum airflow (2/3 Qmax.)

Acoustic features

Values taken at inlet with 2/3 of the maximum airflow (2/3Qmax).

Model	Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.							
	63	125	250	500	1000	2000	4000	8000
722	29	35	46	49	50	46	44	38
825	30	36	47	50	51	47	45	39
1131-4	40	49	54	54	58	57	50	44
1131-6	29	38	43	43	47	46	39	33
1135-4	44	53	58	58	62	61	54	48
1135-6	32	41	46	46	50	49	42	36
1240-4	48	54	60	60	63	66	57	51
1240-6	37	43	49	49	52	55	46	40
1445-4	55	61	67	67	70	73	64	58
1445-6	44	50	56	56	59	62	53	47
1650-4	60	67	72	72	76	75	68	63
1650-6	48	55	60	60	64	63	56	51

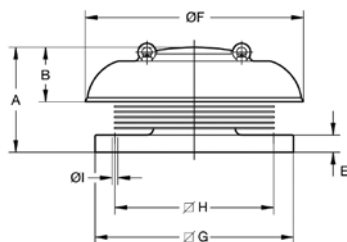
Values taken at outlet with 2/3 of the maximum airflow (2/3Qmax).

Model	Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.							
	63	125	250	500	1000	2000	4000	8000
722	33	38	52	54	55	55	50	45
825	34	39	53	55	56	56	51	46
1131-4	39	48	58	62	65	62	55	49
1131-6	28	37	47	51	54	51	44	38
1135-4	42	51	61	65	68	65	58	52
1135-6	32	41	51	55	58	55	48	42
1240-4	47	59	67	69	70	70	62	54
1240-6	36	48	56	58	59	59	51	43
1445-4	54	66	74	76	77	77	69	61
1445-6	43	55	63	65	66	66	58	50
1650-4	58	70	78	80	81	78	71	63
1650-6	48	60	68	70	71	68	61	53

To obtain the Lwa sound power spectra in dB(A) at the inlet with the maximum airflow (Qmax), add the values in the following tables to the LpA sound pressure level given on the characteristic curves:

Frequency band in Hz							
63	125	250	500	1000	2000	4000	8000
2	9	15	15	18	18	11	5

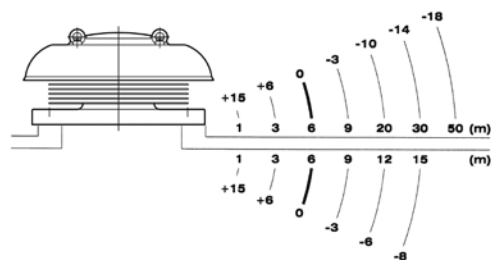
Dimensions in mm



Model	A	B	E	ØF	ØG	ØH	ØI
CHRE-722	194	110	30	440	355	295	12
CHRE-825	212	110	35	440	400	320	12
CHRE-1131	308	176	40	620	450	360	12
CHRE-1135	325	176	40	620	560	450	12
CHRE-1240	351	176	40	620	560	450	12
CHRE-1445	393	228	40	770	710	590	12
CHRE-1650	426	228	40	770	710	590	12

Variation of sound pressure depending on distance

The sound level may vary depending on the roof structure.



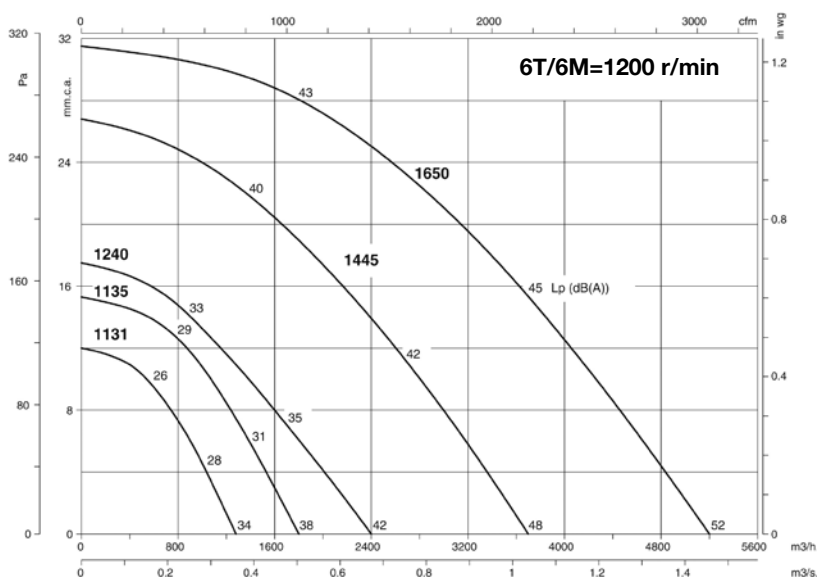
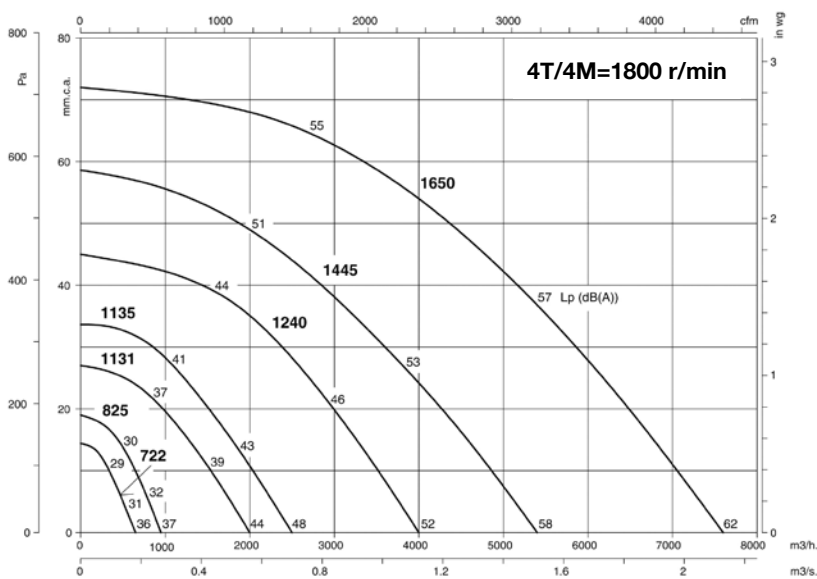
Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.
inwa.

Pe = Static pressure in mm.w.c., Pa and

Accessories

See accessories section



CTD



Centrifugal roof fans for houses ventilation

Low noise centrifugal roof fans for houses ventilation in accordance with the Spanish Technical Building Code

Fan:

- Sheet steel base plate.
- Impeller with backward-curved blades made from sheet steel
- Sheet steel rain deflector hood with anticorrosive protection
- Adjustable by variation of voltage
- Safety switch on request

Motor:

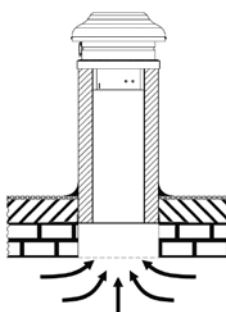
- Class F external rotor motors, IP54 protection
- 220V single-phase. 60Hz
- Max. air temperature to transport: -40°C.+ 70°C.

Finish:

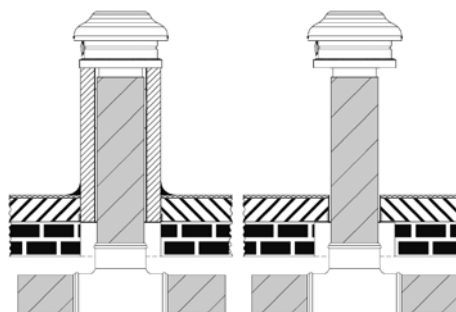
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.



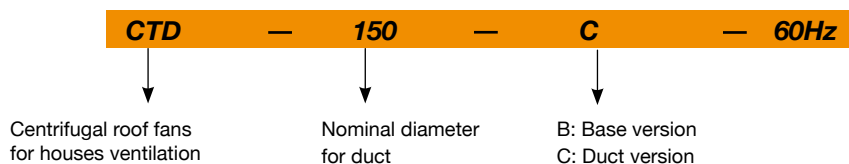
B version



C version



Order code



Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A) 220V	Installed power (W)	Maximum airflow (m³/h)	Sound pressure ¹ level at 2/3 of Qmax dB(A)		Approx. weight (Kg)
					Inlet	Outlet	
CTD 150	2930	0.28	65	409	43	37	4.4
CTD 160	2930	0.28	65	409	43	37	4.4
CTD 200	3040	0.42	97	711	46	39	6.8
CTD 250	3050	0.68	155	926	46	41	7.6
CTD 315	2930	0.9	208	1024	48	42	8

(1) The sound level values are measurements of pressure in dB(A) at a distance of 6 m and at 2/3 of the maximum airflow (2/3 Qmax.)

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at a distance of 6 m.

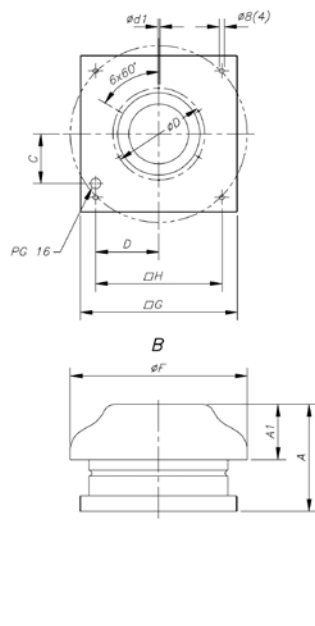
Values taken at the inlet with 2/3 of the maximum airflow (2/3Qmax).

Model	63	125	250	500	1000	2000	4000	8000
CTD 150	38	44	54	59	60	61	57	41
CTD 160	38	44	54	59	60	61	57	41
CTD 200	39	50	57	63	64	62	58	54
CTD 250	40	52	56	63	64	62	56	51
CTD 315	44	57	59	64	65	63	62	57

Values taken at outlet with 2/3 of the maximum airflow (2/3Qmax).

Model	63	125	250	500	1000	2000	4000	8000
CTD 150	28	37	51	54	58	53	47	32
CTD 160	28	37	51	54	58	53	47	32
CTD 200	31	44	53	57	58	54	50	40
CTD 250	32	44	53	58	61	59	52	43
CTD 315	34	50	55	58	61	59	52	45

Dimensions in mm

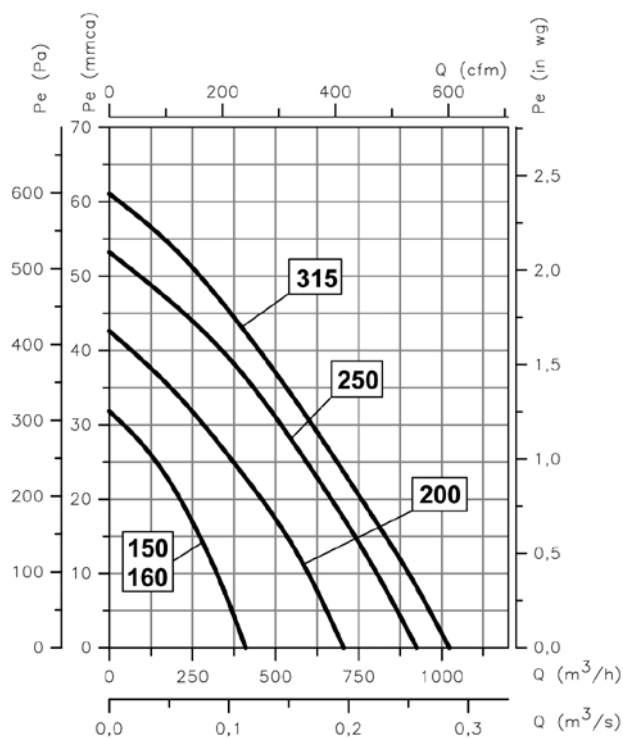


Model	ϕF	A	A1	∇G	ϕD	$\phi d1$	C	D	∇H	ϕO
CTD-150/B	344	207.3	107	305	177	6.1	96.5	123.5	245	-
CTD-160/B	344	207.3	107	305	177	6.1	96.5	123.5	245	-
CTD-200/B	450	214.35	109	405	230	7.1	138	168	330	-
CTD-250/B	450	245.55	109	405	230	7.1	138	168	330	-
CTD-315/B	450	245.55	109	405	230	7.1	138	168	330	-
CTD-150/C	344	207.3	107	305	177	6.1	96.5	123.5	245	147
CTD-160/C	344	207.3	107	305	177	6.1	96.5	123.5	245	157
CTD-200/C	450	214.35	109	405	230	7.1	138	168	330	197
CTD-250/C	450	245.55	109	405	230	7.1	138	168	330	247
CTD-315/C	450	245.55	109	405	230	7.1	138	168	330	312

Characteristic curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mm.w.c., Pa and inwg.



On request



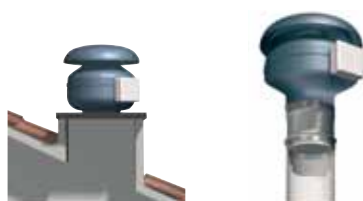
INT
Safety switch

CA-ROOF

Centrifugal roof fans for ventilation of chimneys in houses

In-line centrifugal extractor, with built-in cap to carry out the extraction or impulsion of the air in individual dwellings or community housing.

- Designed for continuous working, in any position
- Possibility of supply with base or directly to pipe, according to the model



B version

C version

Built:

- Galvanised sheet base plate
- Impeller with backward-curved blades
- Galvanised sheet rain deflector hood
- Treated with rust-inhibitor paint

Motor:

- Motor with Long Life ball bearings, IPX4 protection
- 220V single-phase. 60Hz
- Working temperature: -20°C +50°C
- Automatically reset thermal protector

Order code

CA-ROOF — 125 — C — 60Hz

Centrifugal roof fans

Nominal diameter
for duct

B: Base version
C: Duct version

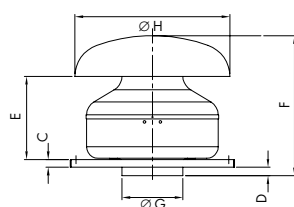
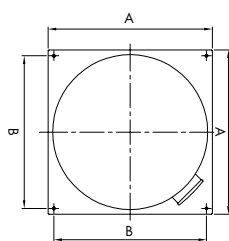
60Hz

Technical characteristics

Model	Speed (r/min)	Max. admissible current (A) 220V	Power (W)	Maximum airflow (m³/h)	Irradiated * sound level dB(A)	Weight (Kg)
CA/ROOF 125	2760	0,34	75	350	54	5
CA/ROOF 150	2844	0,34	80	450	56,5	7
CA/ROOF 160	3180	0,68	150	750	64	8,8
CA/ROOF 200	3240	0,69	160	850	63	8
CA/ROOF 250	2916	0,8	180	1180	61,5	9,9
CA/ROOF 315	2976	1,1	250	1600	64,5	11

*Irradiated sound pressure level are free field measurements at 3 metres

Dimensions in mm



Model	A	B	C	D	E	F	Ø G	Ø H
CA/ROOF 125	334	280	20	2	193	290	122	300
CA/ROOF 150	424	370	20	17	198	340	147	400
CA/ROOF 160	424	370	20	22	214	361	157	400
CA/ROOF 200	424	370	20	17	203	345	197	534
CA/ROOF 250	489	435	20	27	193	376	247	534
CA/ROOF 315	489	435	20	21	226	403	312	534

Accessories

See accessories section



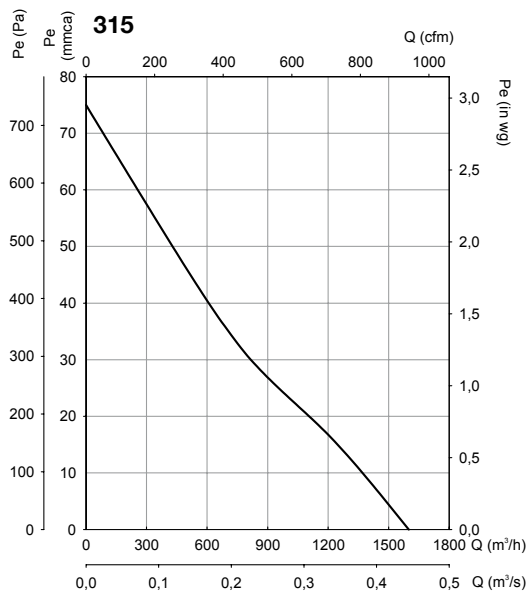
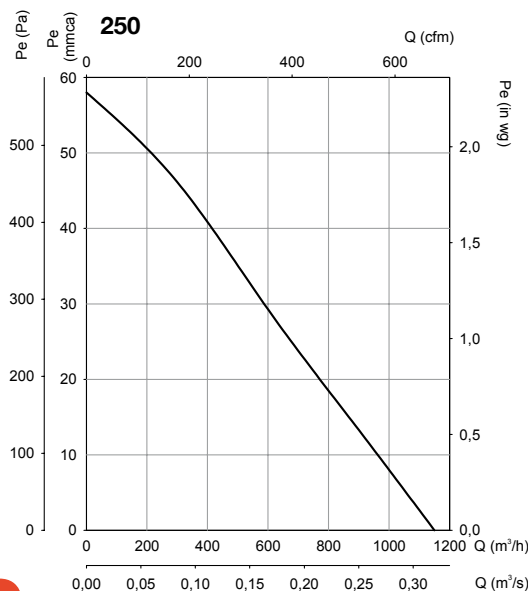
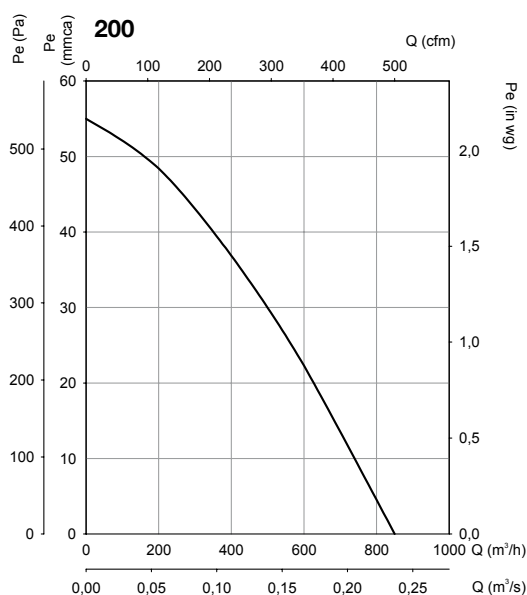
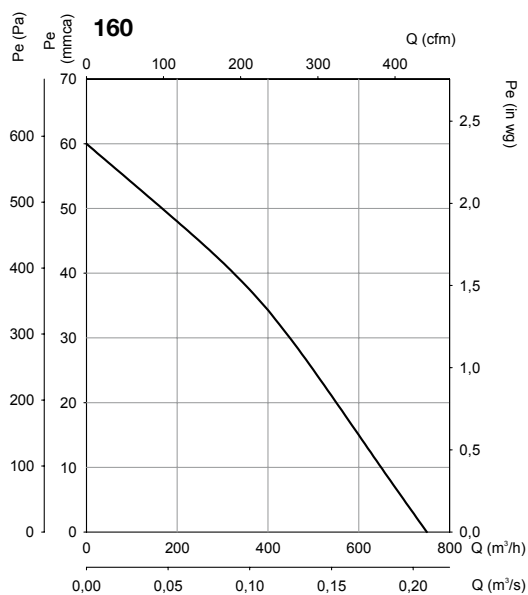
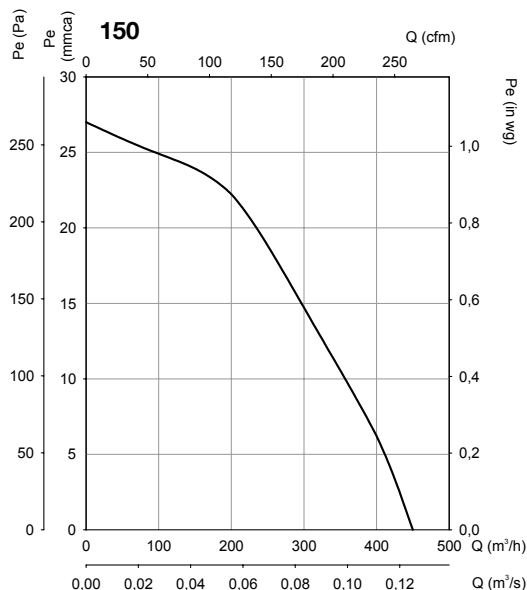
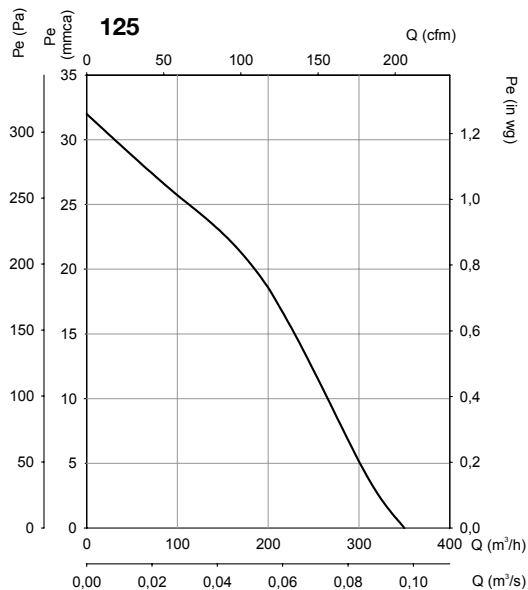
INT

RM

SI

Characteristic curves

Q = Airflow in m³/h and m³/s. Pe = Static pressure in mm.w.c., Pa



RECUP



Configurable heat recovery, with cross-flow plates for horizontal (H) or vertical (V) installation



RECUP-H



RECUP-V

Features:

- Exchanger with aluminium plates with efficiency between 52% and 55%
- Possibility of configuration between different vent positions
- Built-in filters, F6 and F6+F8 quality. Other combinations on request.
- Galvanised steel box with built-in soundproofing

Built:

- Galvanized sheet steel structure.
- Input and output vents with airtight joint
- Exchangeable openings
- Large access doors to facilitate maintenance and cleaning

Versions:

- Horizontal (H) or Vertical (V)
- Environmental: Renewal of air without supply of heat (S)
- Electrical: With supply of heating by electric batteries (EB)
- Water battery: With supply of heating by water batteries (WB)
- On request: Adiabatic module



Order code

RECUP — 20 — H — C — F6 — MA — 60Hz									
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Model	Size	H: Horizontal configuration V: Vertical configuration	A-F: Inlet/outlet positions (Standard C or B according to models)	F6 filter F6+F8 filter G4 filter	MA: Adiabatic module EB: Electrical battery WB: Water battery				

Technical characteristics

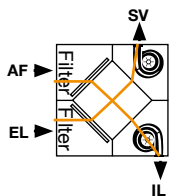


Model	Speed (r/min)	Voltage (V)	Current (A)	Power motor (W)	Maximum airflow F6(m³/h)	Thermal efficiency (%)	Irradiated NPS dB(A)	Filter EN 779	Weight (Kg)
RECUP-05-H	1680	1x220	1.2	2x140	500	50	42	G4, F6, F6+F8	33
RECUP-08-H	1704	1x220	2.7	2x310	950	52	49	G4, F6, F6+F8	45
RECUP-12-H	1710	1x220	4	2x450	1300	52	53	G4, F6, F6+F8	67
RECUP-20-H	1620	1x220	4	2x450	2050	52	48	G4, F6, F6+F8	86
RECUP-20-V	1620	1x220	4	2x450	2050	52	48	G4, F6, F6+F8	86
RECUP-30-H	1500	1x220	5.4	2x600	3150	54	52	G4, F6, F6+F8	112
RECUP-30-V	1500	1x220	5.4	2x600	3150	54	52	G4, F6, F6+F8	112
RECUP-40-H	1080	3x380	3.6	2x1100	4250	55	46	G4, F6, F6+F8	167
RECUP-40-V	1080	3x380	3.6	2x1100	4250	55	46	G4, F6, F6+F8	167
RECUP-50-H	1536	3x380	3.5	2x1500	5350	53	54	G4, F6, F6+F8	182
RECUP-50-V	1536	3x380	3.5	2x1500	5350	53	54	G4, F6, F6+F8	182
RECUP-60-H	1740	3x380	6.5	2x3000	6150	50	56	G4, F6, F6+F8	205
RECUP-60-V	1740	3x380	6.5	2x3000	6150	50	56	G4, F6, F6+F8	205

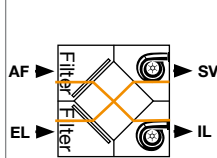
Setups (Horizontal version)

Supply standard setup C. Except models 05, 08 and 12 setup B.

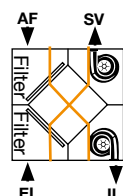
Setup A



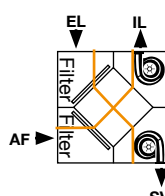
Setup B



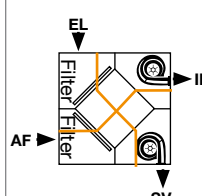
Setup C



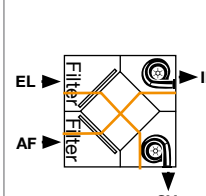
Setup D



Setup E

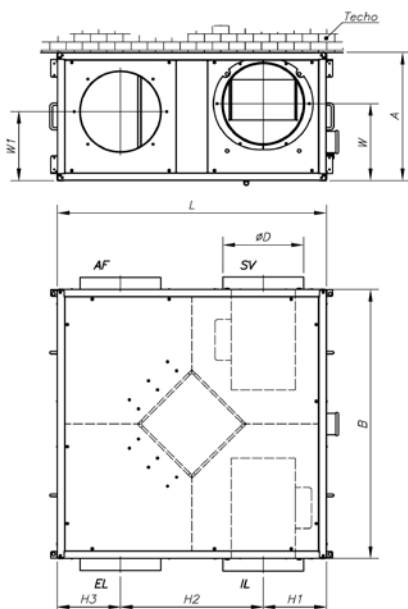


Setup F

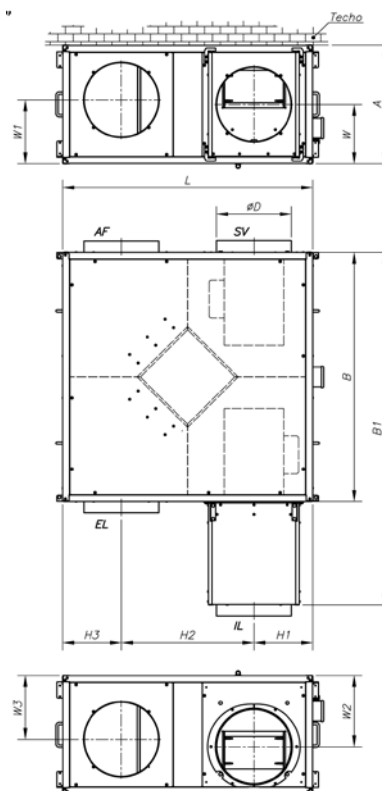


AF: Outdoor air / IL: Impulsion of air from the premises / SV: Outlet of used air / EL: Extraction of air from the premises

Dimensions in mm

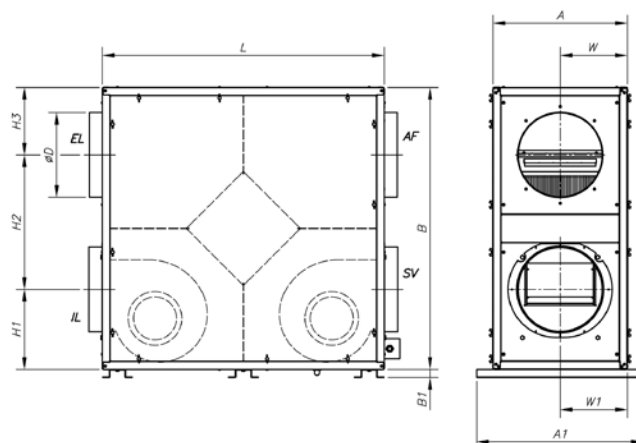


Models	A	B	L	øD	H1	H2	H3	W	W1	Weight Kg
RECUP-05-H	324.5	630	630	200	167.5	295	167.5	148	148	33
RECUP-08-H	346	800	800	250	210	380	210	181	181	45
RECUP-12-H	396	1000	1000	315	235	530	235	198	198	67
RECUP-20-H	500	1020	1020	315	246.5	557	246.5	300	269	86
RECUP-30-H	600	1102	1202	315	270	662	270	385	368	112
RECUP-40-H	670	1500	1500	450	344.5	811	344.5	379	379	167
RECUP-50-H	805	1500	1700	450	347	1006	347	440	402.5	182
RECUP-60-H	805	1500	1700	450	347	1006	347	440	402.5	195

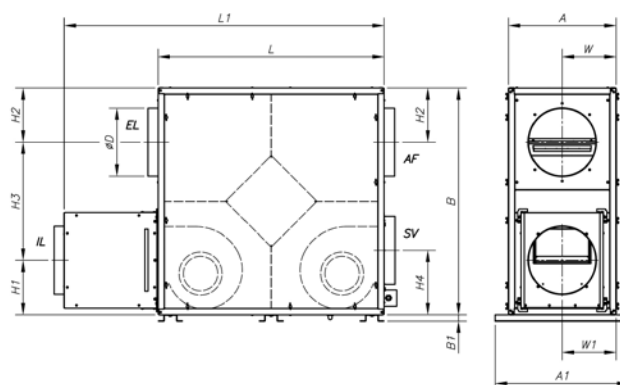


Models	A	B	B1	L	øD	H1	H2	H3	W	W1	W2	W3
RECUP-05-H	300	630	1062	628	200	171	286	171	150	150	150	150
RECUP-08-H	350	800	1232	800	250	200	400	200	175	175	175	175
RECUP-12-H	415	1000	1432	1000	315	250	500	250	207.5	207.5	207.5	207.5
RECUP-20-H	500	1050	1486	1050	315	246.5	557	246.5	250	269	300	269
RECUP-30-H	600	1102	1540	1202	315	270	662	270	300	369	385	368
RECUP-40-H	670	1500	1931	1500	450	344.5	811	344.5	335	378.5	378	378.5
RECUP-50-H	805	1500	1931	1700	450	347	1006	347	402.5	402.5	440	402.5
RECUP-60-H	805	1500	1931	1700	450	347	1006	347	402.5	402.5	440	402.5

Dimensions in mm



Models	A	A1	B	B1	L	øD	H1	H2	H3	W	W1
RECUP-20-V	500	620	1050	30	1050	315	298	501	251	250	250
RECUP-30-V	600	720	1202	30	1102	315	384	548	270	300	300
RECUP-40-V	670	790	1500	30	1500	450	391,5	739	369,5	334	335
RECUP-50-V	805	925	1700	30	1500	450	441	912	347	402,5	402,5
RECUP-60-V	805	925	1700	30	1500	450	441	912	347	402,5	402,5



Models	A	A1	B	B1	L	L1	øD	H1	H2	H3	H4	W	W1
RECUP-20-V	500	620	1050	30	1050	1487	315	252	501	251	298	250	250
RECUP-30-V	600	720	1202	30	1102	1540	315	335	548	270	384	300	300
RECUP-40-V	670	790	1500	30	1500	1933	450	369,5	739	369,5	391,5	334	335
RECUP-50-V	805	925	1700	30	1500	1933	450	403,5	912	347	441	402,5	402,5
RECUP-60-V	805	925	1700	30	1500	1933	450	403,5	912	347	441	402,5	402,5

Acoustic features

The specified values are determined according to free field measurements of sound levels in dB(A) at a distance no less than 1.5 m of equipment.

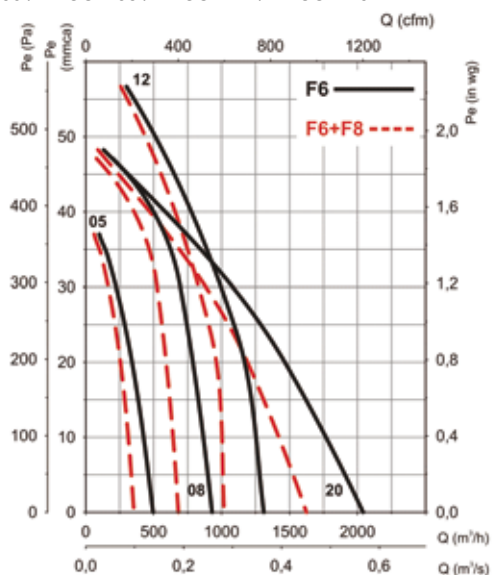
Sound power L_w (A) spectrum in dB(A) via frequency band in Hz.

Model	63	125	250	500	1000	2000	4000	8000
RECUP-05	45	47	38	31	39	28	21	21
RECUP-08	52	54	44	37	50	37	34	30
RECUP-12	54	56	49	52	54	50	45	38
RECUP-20	49	51	44	47	49	45	40	33

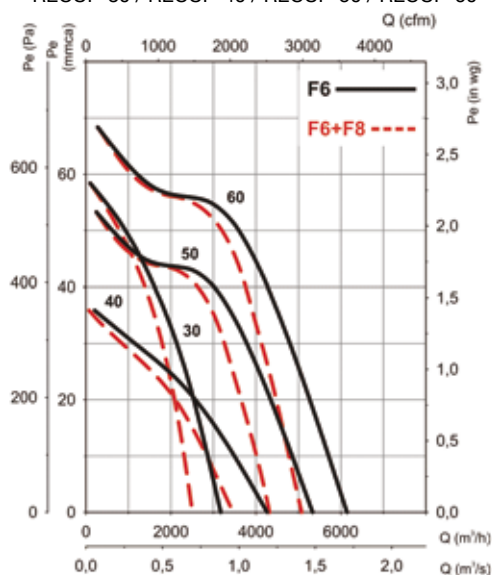
Model	63	125	250	500	1000	2000	4000	8000
RECUP-30	54	56	50	51	48	43	35	31
RECUP-40	49	51	43	37	36	30	29	15
RECUP-50	57	59	50	44	42	36	37	22
RECUP-60	59	61	52	46	44	38	39	24

Characteristic curves

RECUP-05 / RECUP-08 / RECUP-12 / RECUP-20



RECUP-30 / RECUP-40 / RECUP-50 / RECUP-60



Accessories

See accessories section



SV/FILTER

Low noise in-line duct fans and different stages of filtration



G4 + F6

F6 + F8

F7 + F9

Features:

- Acoustic casing covered with deadening material
- Standard flanged inlet and outlet to aid installation on duct
- G4 + F6, F6 + F8 and F7 + F9 filters according to model
- Easy access inspection and cleaning cover

Built:

- Galvanized sheet steel casing
- Impeller with backward-curved blades, except models 125 and 150 with multi-blade impeller. They are supplied with 4 base stands to aid installation
- Large access doors to facilitate maintenance and cleaning

Motor:

- Class F motors with external rotor incorporated thermal protector, ball bearings and IP54 protection
- 220V single-phase. 60Hz. Adjustable
- Max. air temperature to transport +50°C

Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.



Order code

SV/FILTER

—

200/H

—

F7+F9

—

60Hz

Model

Size

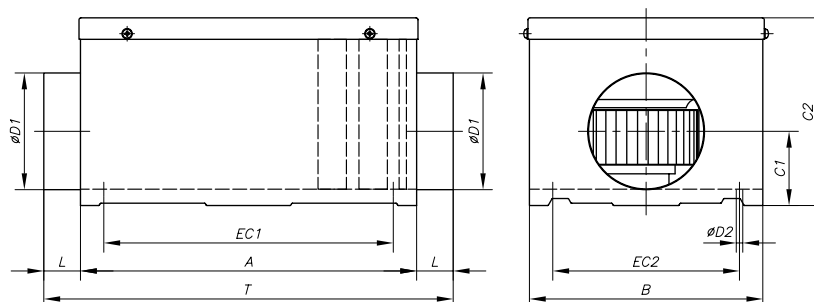
Filters combinations

Technical characteristics

60Hz

Model	Speed (r/min)	Maximum admissible current (A) 220V	Installed power (kW)	Maximum airflow (m³/h)			No. Pre-filters	No. Filters	Dimensions filters (mm)		Weight (Kg)
				(G4+F6) filters	(F6+F8) filters	(F7+F9) filters			(G4) filters	(F) filters	
SV/FILTER-125/H	2664	0.65	0.08	300	255	240	1	1	282x194x48	282x194x98	9.1
SV/FILTER-150/H	2640	1.25	0.17	445	385	360	1	1	334x216x48	334x216x98	12.3
SV/FILTER-200/H	1488	0.85	0.12	515	520	390	1	1	389x248x48	389x248x98	15.1
SV/FILTER-250/H	2856	0.95	0.14	660	560	525	1	1	414x267x48	414x267x98	17.8
SV/FILTER-315/H	1596	0.75	0.12	1035	850	790	1	1	513x344x48	513x344x98	26.4
SV/FILTER-350/H	1536	0.95	0.14	1550	1270	1180	1	1	602x385x48	602x385x98	36.3
SV/FILTER-400/H	1596	1.8	0.3	2050	1720	1600	1	1	660x405x48	660x405x98	46.4

Dimensions in mm



Model	A	B	C1	C2	Ø D1	L	Ø D2	EC1	EC2	T
SV/FILTER-125/H 657	290	80	222	125	36.5	36.5	7	607	240	730
SV/FILTER-150/H 700	340	92	244	150	36.5	36.5	7	650	290	773
SV/FILTER-200/H 775	395	117	273	200	36	36	7	725	345	847
SV/FILTER-250/H 775	395	140	293	250	50	50	7	725	345	875
SV/FILTER-315/H 860	520	175	371	315	48	48	8.5	809	469	956
SV/FILTER-350/H 960	610	200	410	355	48	48	8.5	909	564	1056
SV/FILTER-400/H1035	670	219	455	400	38	38	8.5	984	624	1111

Characteristic curves

Equipment curve according to built-in filters **1** G4+F6 **2** F6+F8 **3** F7+F9

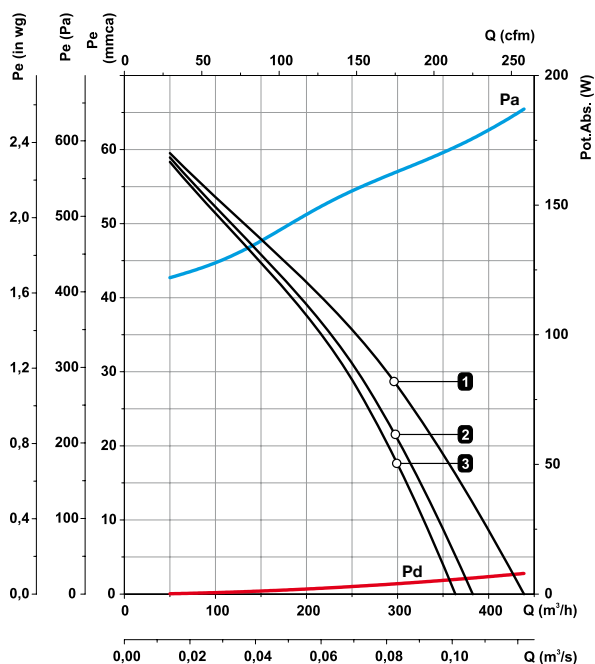
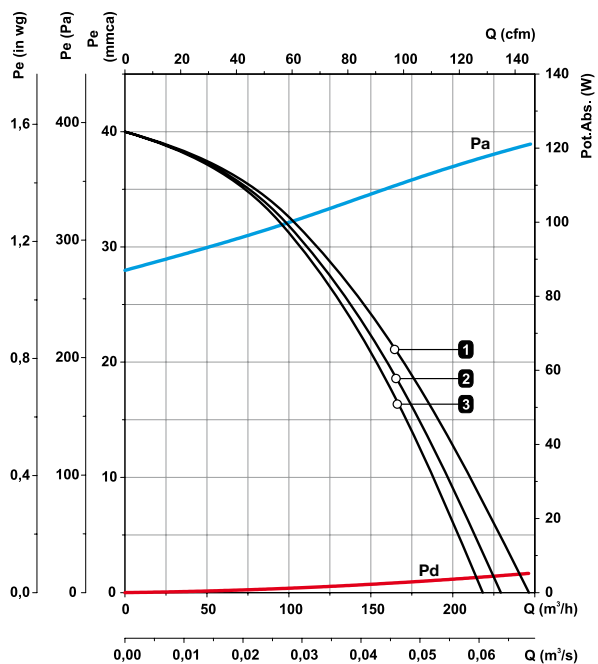
Static pressure

Dynamic pressure

Absorbed power

SV/FILTER 125/H

SV/FILTER 150/H



Characteristic curves

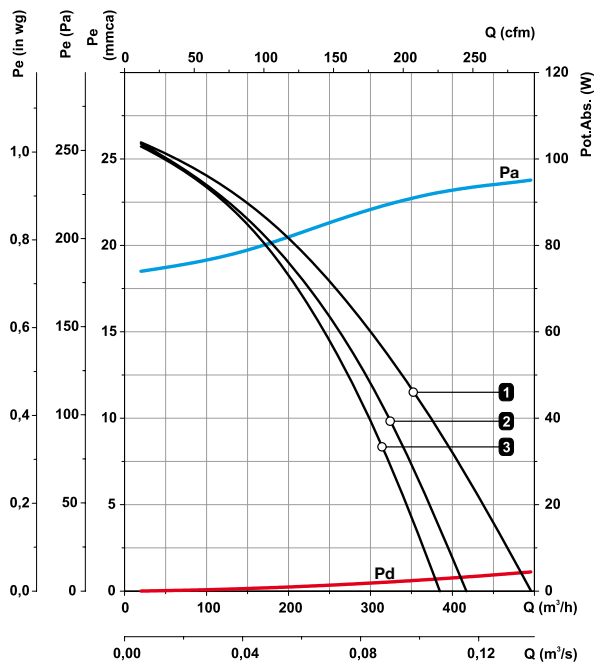
Equipment curve according to built-in filters **1** G4+F6 **2** F6+F8 **3** F7+F9

Static pressure

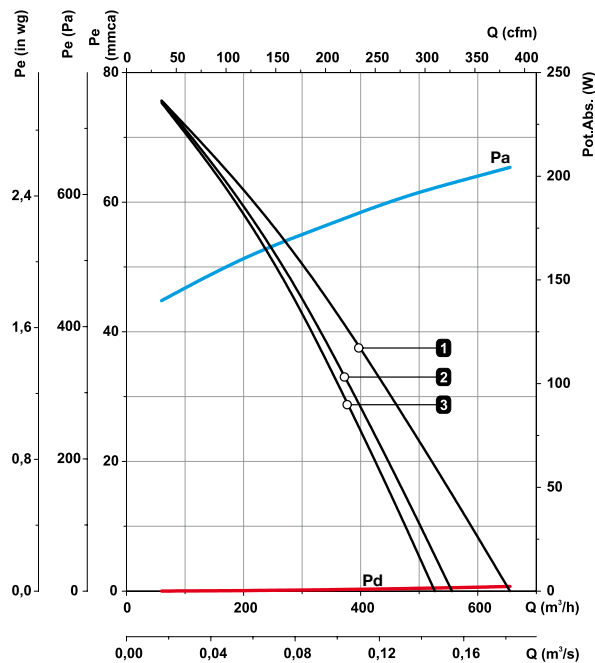
Dynamic pressure

Absorbed power

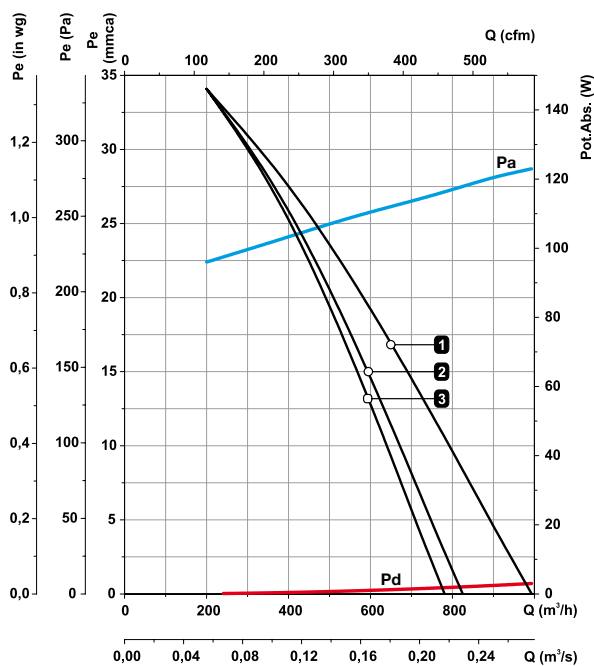
SV/FILTER 200/H



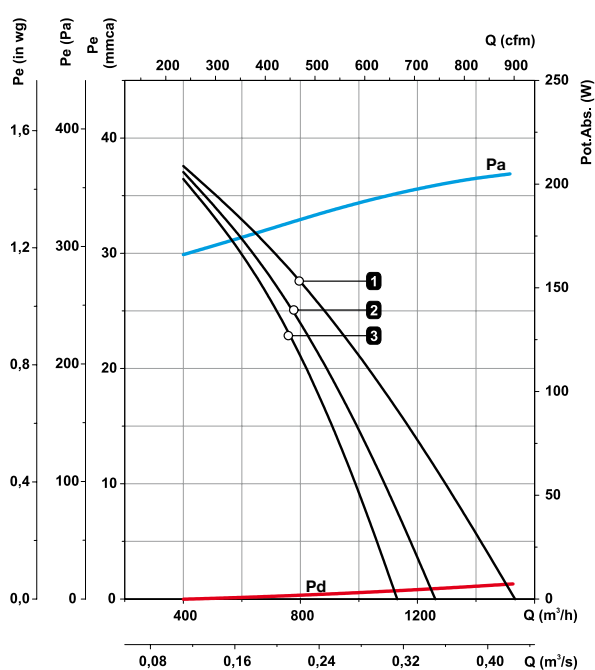
SV/FILTER 250/H



SV/FILTER 315/H



SV/FILTER 350/H



Characteristic curves

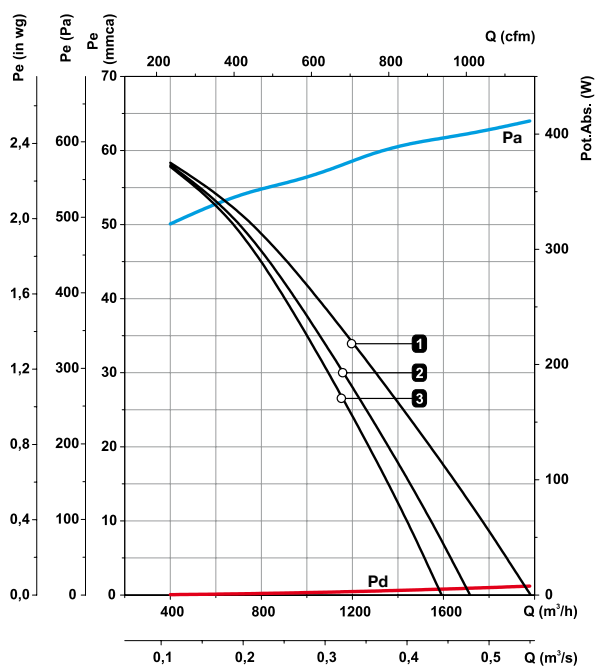
Equipment curve according to built-in filters **1** G4+F6 **2** F6+F8 **3** F7+F9

Static pressure

Dynamic pressure

Absorbed power

SV/FILTER 400/H



Accessories

See accessories section



FILTERS



CJFILTER



PRESOSTATO



SI-PRESIÓN



PRESSURE
PROBE



INT



VIS



TEJ

UFR

Soundproofed filtration units with sandwich panel, equipped with high-performance reaction turbine fans and different stages of filtration according to model.



F6 + F8

F7 + F9

G4 + F6

Features:

- Soundproofed structure
- Direct operation
- Impulsion of air, configurable by 4 laterals
- F6 + F8, F7 + F9 and G4 + F6 filters according to model selected
- Possibility of pre-filter plus two stages of filtration
- Easy access inspection and cleaning cover
- Pressure inlets for filter control
- Pressure probe for filter control

sheet steel

- Built-in general bed
- Easy access inspection and cleaning cover

Motor:

- Class F motors with ball bearings, IP55 protection
- Three-phase 220/380V. 60Hz (up to 5.5CV) and 380/660V. 60Hz. (power over 5.5CV)
- Air temperature to transport: -20°C.+ 60°C.

Built:

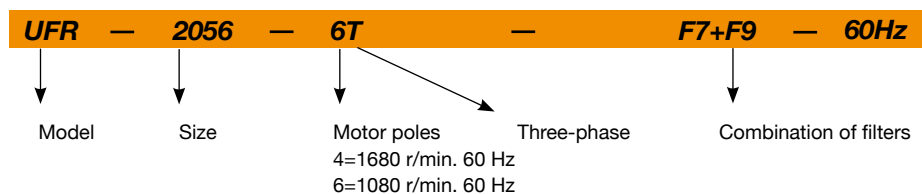
- Galvanised sheet steel structure with soundproofing
- High-performance impeller with backward-curved blades made from

Finish:

- Anticorrosive galvanized sheet steel.



Order code



Technical characteristics

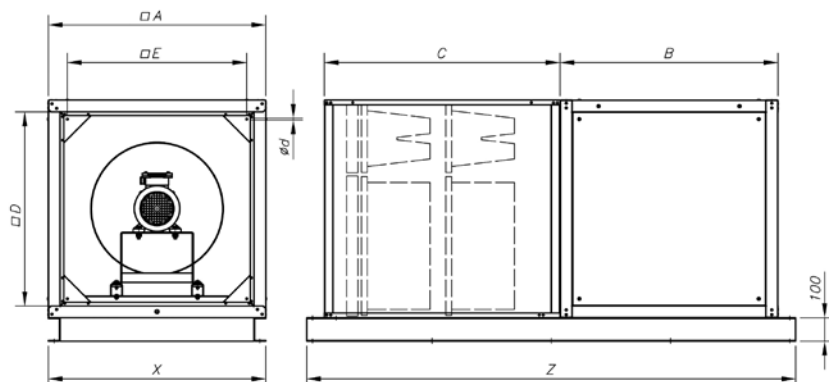
60Hz

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum Airflow (m³/h) (F6+F8) filters	Maximum Airflow (m³/h) (F7+F9) filters	Maximum Airflow (m³/h) (G4+F6) filters	Pre-filters No.		Filters No.		Weight (Kg)
		220V	380V	660V					Complete*	Middle*	Complete*	Middle*	
UFR-1240-4T	1716	3.34	1.93		0.75	3,245	3,185	3,005	1	0	1	0	107.5
UFR-1850-4T	1704	5.97	3.45		1.5	4,705	4,620	4,350	1	0	1	0	110
UFR-2056-4T	1716	8.38	4.84		2.2	7,680	7,580	7,235	1	2	1	2	168.5
UFR-2056-6T	1122	3.77	2.18		0.75	5,325	5,250	5,010	1	2	1	2	163
UFR-2263-4T	1752		11.03	6.37	5.5	11,995	11,680	11,375	1	2	1	2	221.5
UFR-2263-6T	1140	5.23	3.02		1.1	7,200	7,100	7,000	1	2	1	2	177.5
UFR-2071-4T	1752		20.64	11.92	11	15,045	14,535	14,060	1	2	1	2	265
UFR-2071-6T-3	1128	9.28	5.36		2.2	9,175	8,990	8,810	1	2	1	2	195
UFR-2071-6T-5.5	1164	16.35	9.44		4	10,130	9,770	9,440	1	2	1	2	241.5
UFR-2880-6T	1164	16.35	9.44		4	11,500	11,165	10,845	1	2	1	2	242

*Prefilter dimensions: Complete: 585x585x48. Middle: 290x585x48

*Filter dimensions: Complete: 593x593x292. Middle: 288x593x292

Dimensions in mm



Model	A	B	C	D	E	Ø d	X	Z
UFR-1240-4T	800	800	950	700	640	M6	800	1906
UFR-1850-4T	800	800	950	700	640	M6	800	1906
UFR-2056-4T	925	925	1000	823	763	M6	925	2081
UFR-2056-6T	925	925	1000	823	763	M6	925	2081
UFR-2263-4T	1000	1000	1000	960	838	M6	1000	2156
UFR-2263-6T	925	925	1000	960	763	M6	925	2081
UFR-2071-4T	1060	1060	1000	960	900	M6	1060	2216
UFR-2071-6T	1000	1000	1000	960	838	M6	1000	2156
UFR-2071-6T-5,5	1060	1060	1000	960	900	M6	1060	2216
UFR-2880-6T	1060	1060	1000	960	900	M6	1060	2216

Characteristic curves

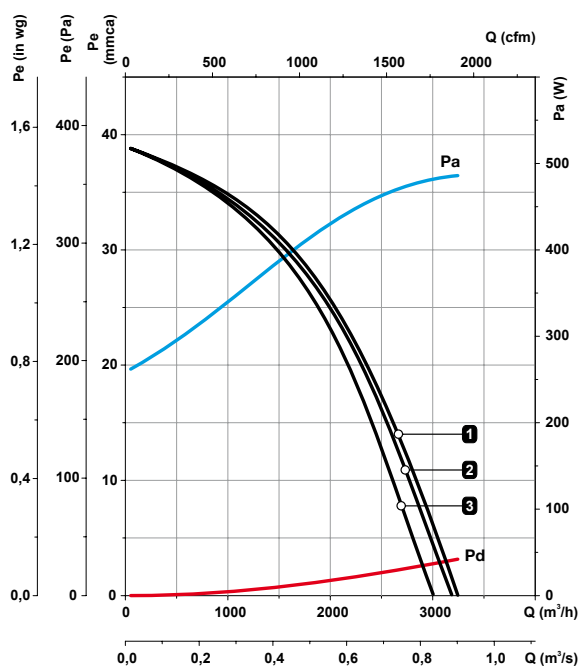
Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

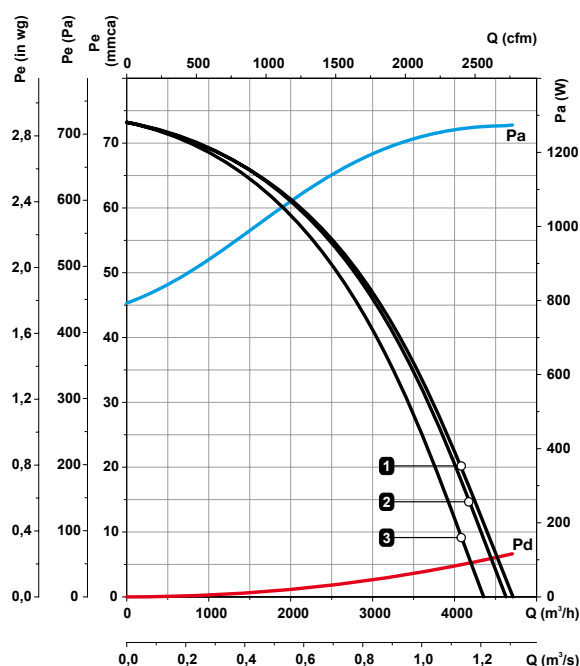
Dynamic pressure

Absorbed power

UFR-1240-4T



UFR-1850-4T



Characteristic curves

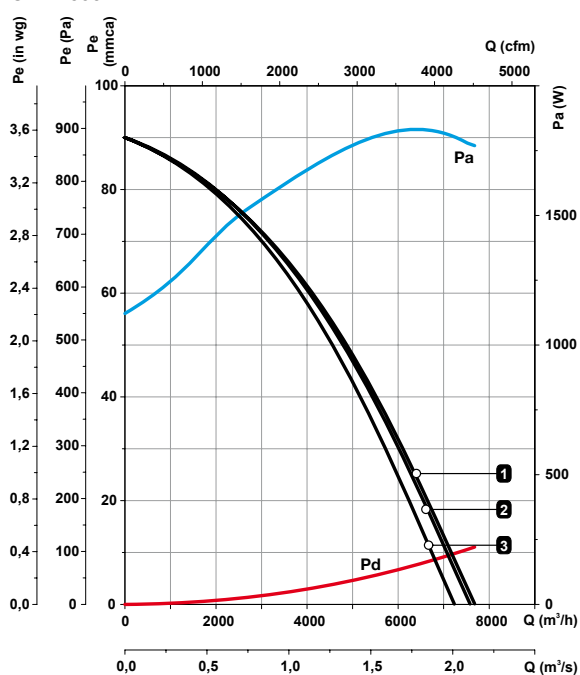
Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

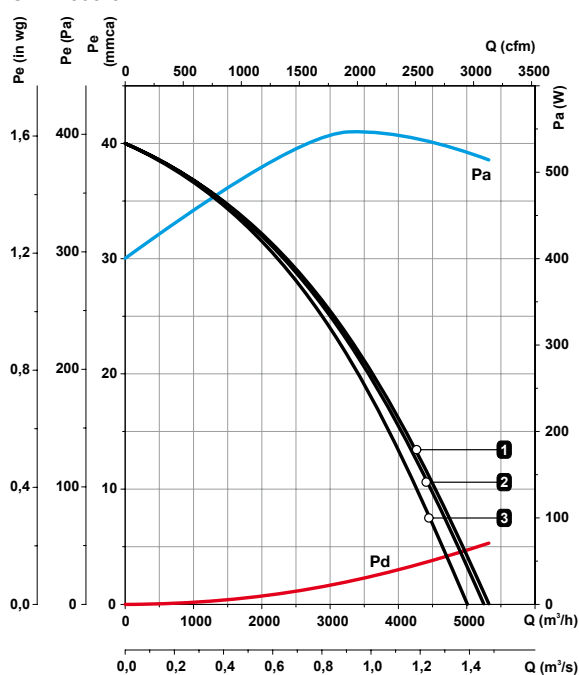
Dynamic pressure

Absorbed power

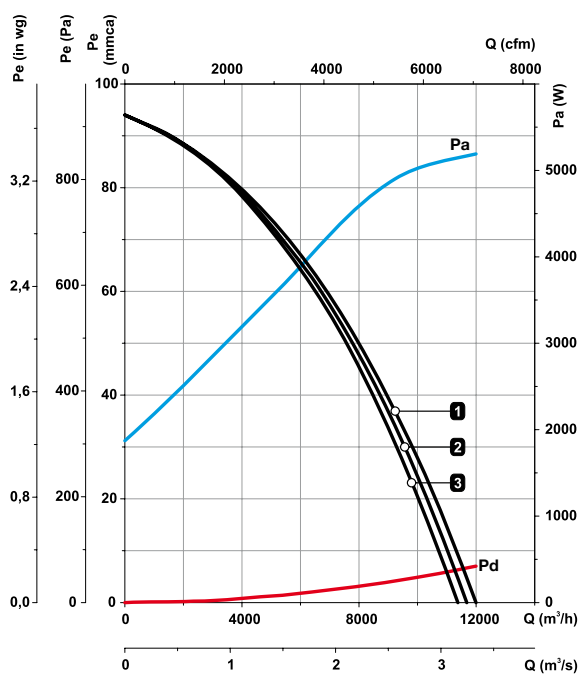
UFR-2056-4T



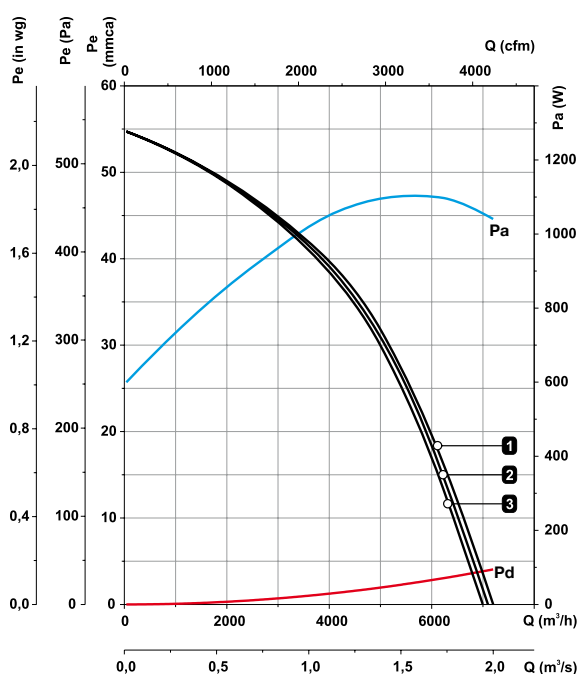
UFR-2056-6T



UFR-2263-4T



UFR-2263-6T



Accessories

See accessories section



FILTERS



CJFILTER



PRESOSTATO



SI-PRESIÓN



CONSTANT FLOW KIT



PRESSURE
PROBE



INT



VIS

Characteristic curves

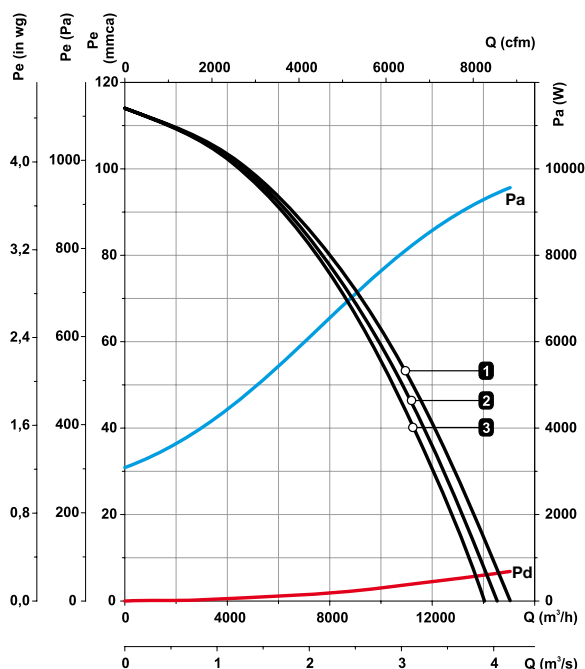
Equipment curve according to built-in filters **1** F6+F8 **2** F7+F9 **3** G4+F6

Static pressure

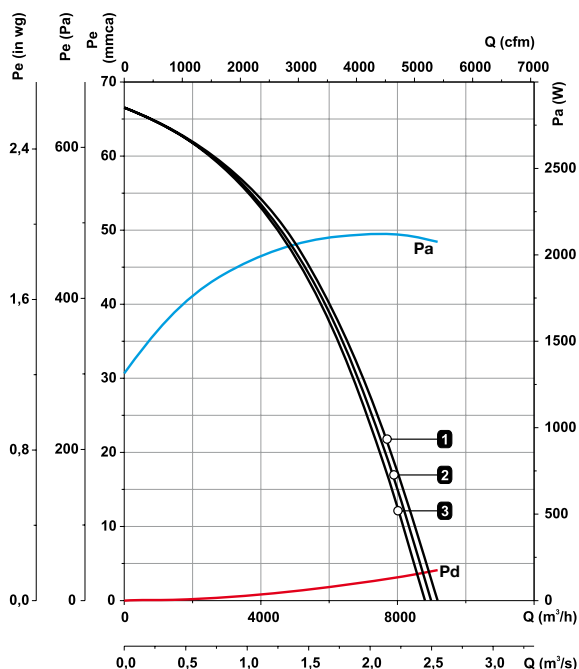
Dynamic pressure

Absorbed power

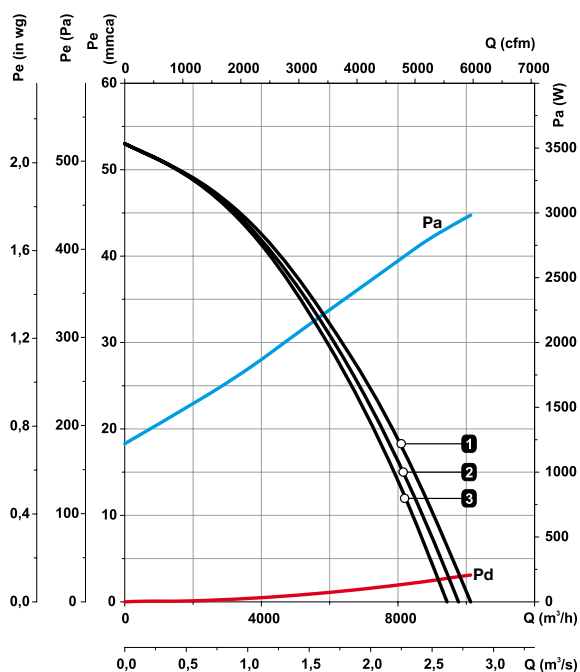
UFR-2071-4T



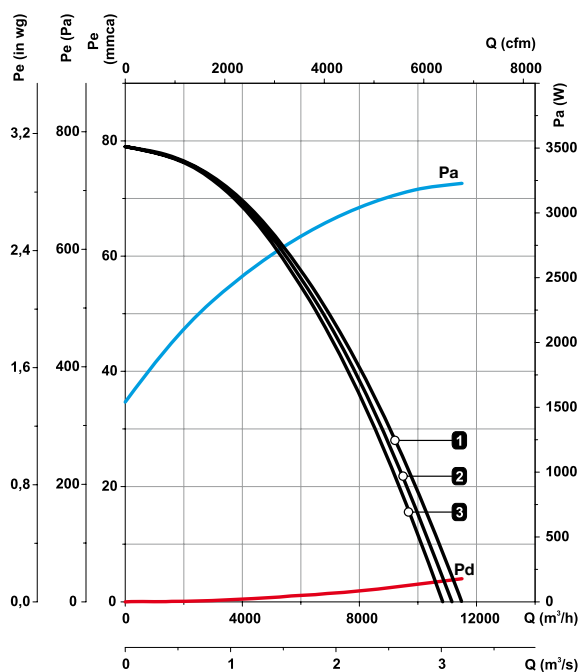
UFR-2071-6T-3



UFR-2071-6T-5.5



UFR-2880-6T



Accessories

See accessories section



TEJ



GENERAL
BEDPLATE



SILENT-
BLOCKS

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