

CJBX/ALG

Belt-driven ventilation units made of aluminium profiles and galvanised sheet steel with acoustic insulation



Fan:

- Ventilation units fitted with double inlet fans from the CBX, CBXC and CBXR series.
- Aluminium profile and galvanised sheet steel structure with thermal and acoustic insulation.
- Forward-curved impeller made of galvanised sheet steel.
- Cable gland for cable entry.

Motor:

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz.
- Maximum temperature of air to be carried: -20 °C + 60 °C

Finish:

- Anti-corrosive finished sheet steel and aluminium profiles.

On request:

- With circular impulsion.



High quality, extremely robust impeller, dynamically balanced in accordance with ISO 21940-11.

Order code

CJBX/ALG — 15/15 — 4 — 60Hz



CJBX/ALG: With aluminium profiles and a galvanised sheet steel casing

CJBX/F: Ventilation units with a built-in filter

CJBX/ALS: Ventilation units with double insulated wall and pre-varnished sheet steel

CJBX/ALF: Ventilation units with a pre-varnished sheet steel and built-in filter



Impeller size in inches

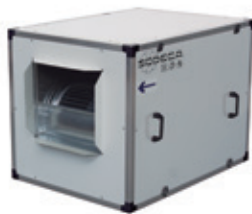


Motor power (hp)

Options



CJBX/F



CJBX/ALS



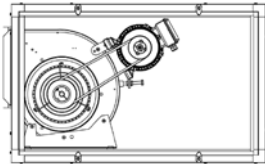
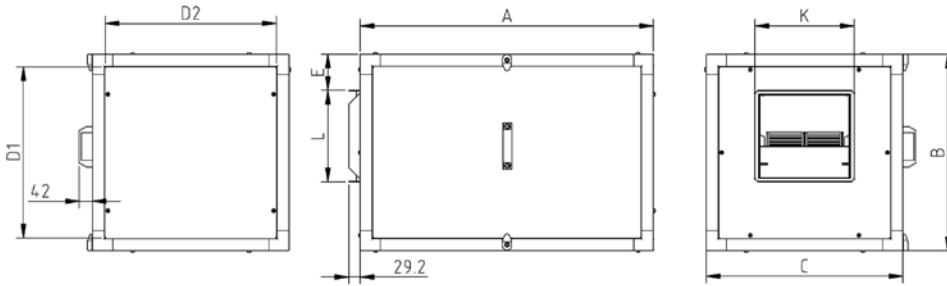
CJBX/ALF

60Hz

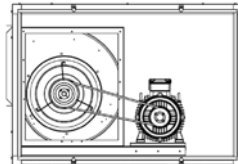
Technical characteristics

Model	Speed (r/min)	Max. admissible current (A)		Installed power (kW)	Maximum flow rate (m ³ /h)	Sound pres- sure level dB(A)	Approx. weight (kg)	Type Assembly
		220-277V	380-480V					
CJBX/ALG 7/7-0.25	1090	1.23	0.71	0.18	1050	48	37.0	A
CJBX/ALG 7/7-0.33	1220	1.66	0.96	0.25	1100	50	37.8	A
CJBX/ALG 7/7-0.5	1420	2.02	1.17	0.37	1250	53	39.0	A
CJBX/ALG 7/7-0.75	1600	2.92	1.69	0.55	1450	56	41.0	A
CJBX/ALG 7/7-1	1790	3.10	1.79	0.75	1500	58	42.5	A
CJBX/ALG 9/9-0.25	825	1.23	0.71	0.18	1700	45	48.0	A
CJBX/ALG 9/9-0.33	920	1.66	0.96	0.25	1800	48	50.0	A
CJBX/ALG 9/9-0.5	1020	2.02	1.17	0.37	2200	51	51.5	A
CJBX/ALG 9/9-0.75	1050	2.92	1.69	0.55	2900	55	54.5	A
CJBX/ALG 9/9-1	1070	3.10	1.79	0.75	3200	56	56.0	A
CJBX/ALG 9/9-1.5	1260	4.03	2.32	1.10	3750	60	59.0	A
CJBX/ALG 10/10-0.5	845	2.02	1.17	0.37	2950	52	55.0	A
CJBX/ALG 10/10-0.75	845	2.92	1.69	0.55	3800	56	57.0	A
CJBX/ALG 10/10-1	960	3.10	1.79	0.75	4175	58	58.5	A
CJBX/ALG 10/10-1.5	1070	4.03	2.32	1.10	4800	61	61.3	A
CJBX/ALG 10/10-2	1140	5.96	3.44	1.50	5400	63	64.6	A
CJBX/ALG 12/12-0.5	595	2.02	1.17	0.37	4200	52	69.0	A
CJBX/ALG 12/12-0.75	675	2.92	1.69	0.55	4800	54	71.0	A
CJBX/ALG 12/12-1	765	3.10	1.79	0.75	5400	57	72.4	A
CJBX/ALG 12/12-1.5	855	4.03	2.32	1.10	5800	59	75.3	A
CJBX/ALG 12/12-2	965	5.96	3.44	1.50	6500	62	78.6	A
CJBX/ALG 12/12-3	1180	8.36	4.83	2.20	7400	65	87.0	A
CJBX/ALG 15/15-0.75	525	2.92	1.69	0.55	5900	49	85.0	B
CJBX/ALG 15/15-1	595	3.10	1.79	0.75	6500	52	86.4	B
CJBX/ALG 15/15-1.5	635	4.03	2.32	1.10	7500	54	89.3	B
CJBX/ALG 15/15-2	670	5.96	3.44	1.50	8200	56	92.6	B
CJBX/ALG 15/15-3	740	8.36	4.83	2.20	9500	59	101.0	B
CJBX/ALG 15/15-4	805	10.96	6.33	3.00	10600	61	103.0	B
CJBX/ALG 15/15-5.5	965	14.10	8.12	4.00	12000	63	108.0	B
CJBX/ALG 18/18-1.5	480	4.03	2.32	1.10	9000	48	122.0	B
CJBX/ALG 18/18-2	605	5.96	3.44	1.50	9250	51	125.3	B
CJBX/ALG 18/18-3	590	8.36	4.83	2.20	11500	54	133.7	B
CJBX/ALG 18/18-4	640	10.96	6.33	3.00	13200	56	135.7	B
CJBX/ALG 18/18-5.5	675	14.10	8.12	4.00	15000	58	141.0	B
CJBX/ALG 18/18-7.5	760		11.60	5.50	17000	60	154.5	C
CJBX/ALG 20/20-2	430	5.96	3.44	1.50	11500	56	222.0	C
CJBX/ALG 20/20-3	530	8.36	4.83	2.20	12800	57	230.5	C
CJBX/ALG 20/20-4	575	10.96	6.33	3.00	14200	58	232.5	C
CJBX/ALG 20/20-5.5	635	14.10	8.12	4.00	15500	61	237.5	C
CJBX/ALG 20/20-7.5	675		11.60	5.50	17500	63	251.5	C
CJBX/ALG 20/20-10 IE3	725		13.90	7.50	20000	65	282.5	C
CJBX/ALG 22/22-2	385	5.96	3.44	1.50	14000	50	250.0	C
CJBX/ALG 22/22-3	475	8.36	4.83	2.20	15000	54	257.0	C
CJBX/ALG 22/22-4	515	10.96	6.33	3.00	17000	55	261.0	C
CJBX/ALG 22/22-5.5	570	14.10	8.12	4.00	19000	57	265.0	C
CJBX/ALG 22/22-7.5	605		11.60	5.50	21500	60	279.0	C
CJBX/ALG 22/22-10 IE3	725		13.90	7.50	22000	63	306.0	C
CJBX/ALG 22/22-15 IE3	765		20.90	11.00	27000	65	341.0	C
CJBX/ALG 25/25-3	375	8.36	4.83	2.20	17000	53	297.0	C
CJBX/ALG 25/25-4	405	10.96	6.33	3.00	20500	55	299.0	C
CJBX/ALG 25/25-5.5	450	14.10	8.12	4.00	22000	57	304.0	C
CJBX/ALG 25/25-7.5	485		11.60	5.50	24500	59	318.0	C
CJBX/ALG 25/25-10 IE3	545		13.90	7.50	28000	61	345.0	C
CJBX/ALG 25/25-15 IE3	610		20.90	11.00	32000	64	374.0	C
CJBX/ALG 30/28-3	330	8.36	4.83	2.20	20000	54	380.0	C
CJBX/ALG 30/28-4	360	10.96	6.33	3.00	22000	56	382.0	C
CJBX/ALG 30/28-5.5	380	14.10	8.12	4.00	25000	59	387.0	C
CJBX/ALG 30/28-7.5	380		11.60	5.50	31500	60	402.0	C
CJBX/ALG 30/28-10 IE3	410		13.90	7.50	36000	63	431.0	C
CJBX/ALG 30/28-15 IE3	430		20.90	11.00	42000	65	451.0	C
CJBX/ALG 30/28-20 IE3	480		27.90	15.00	48000	68	466.0	C

Dimensions mm



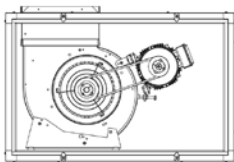
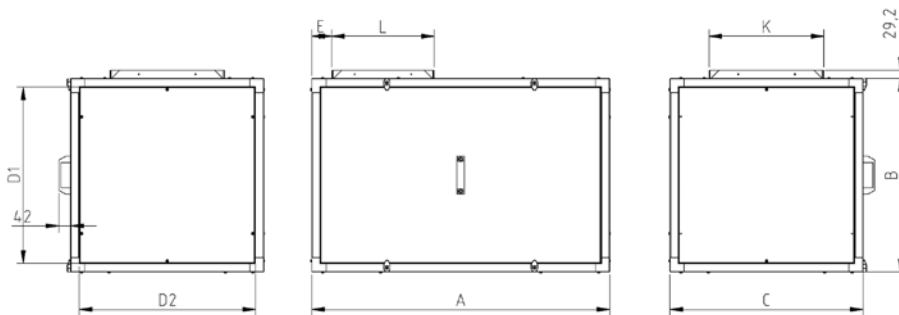
Assembly A



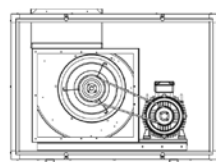
Assembly B

Model	A	B	C	D1	D2	E	L	K	Assembly type
CJBX/ALG-7/7	830	490	490	428	428	91	226	247	A
CJBX/ALG-9/9	920	550	500	488	488	86	279	317	A
CJBX/ALG-10/10	970	605	605	543	543	88	306	343	A
CJBX/ALG-12/12	1050	680	680	618	618	84	360	404	A
CJBX/ALG-15/15	1220	855	855	793	793	119	423	490	B
CJBX/ALG-18/18	1356	1000	1000	938	938	137	498	554	B-C
CJBX/ALG-20/20	1445	1175	1175	1115	1040	136	615	615	C
CJBX/ALG-22/22	1600	1250	1250	1190	1190	124	705	668	C
CJBX/ALG-25/25	1550	1450	1450	1390	1390	198	805	778	C
CJBX/ALG-30/28	1900	1700	1700	1640	1640	224	945	900	C

Vertical impulsion



Assembly A



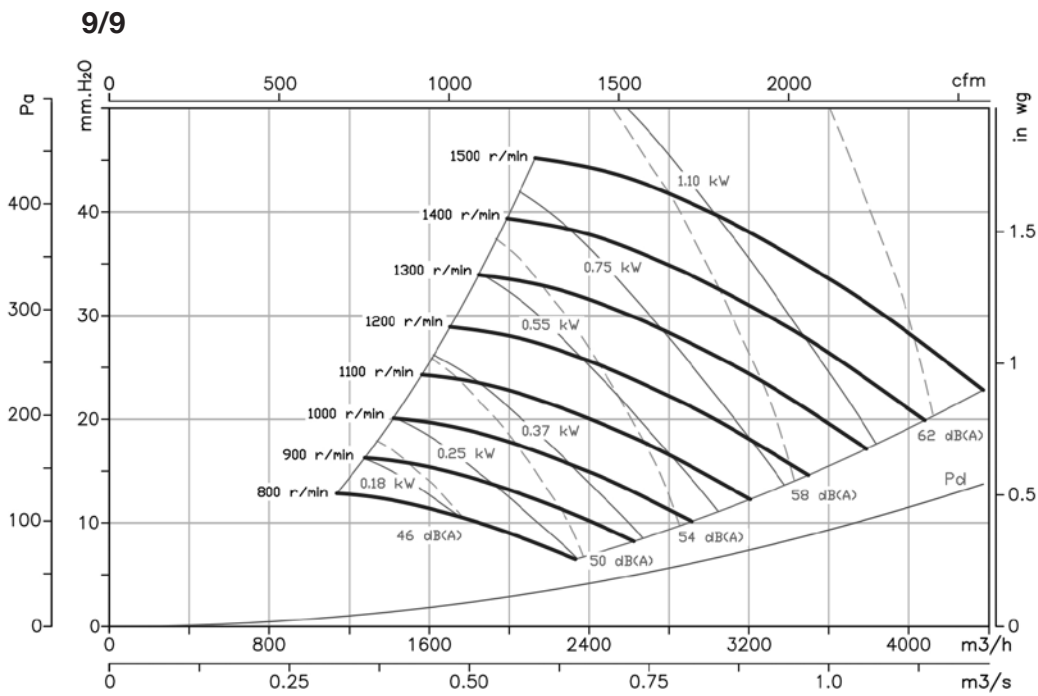
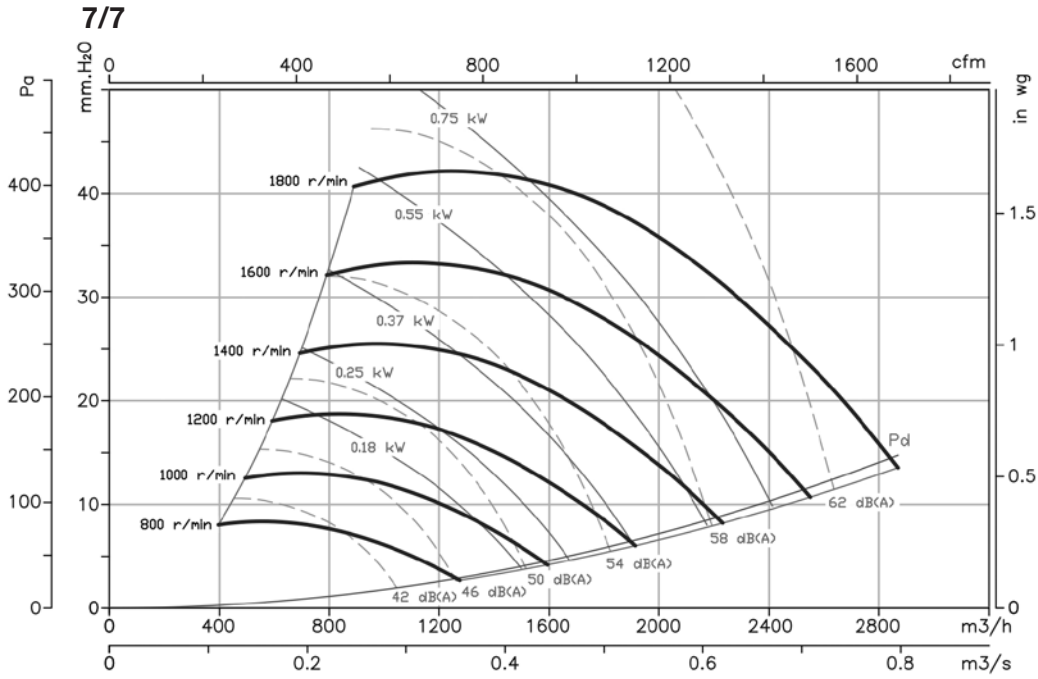
Assembly B

Model	A	B	C	D1	D2	E	L	K	Assembly type
CJBX/ALG-7/7	830	490	490	428	428	63	226	247	A
CJBX/ALG-9/9	920	550	500	488	488	85	279	317	A
CJBX/ALG-10/10	970	605	605	543	543	87	306	343	A
CJBX/ALG-12/12	1050	680	680	618	618	69	360	404	A
CJBX/ALG-15/15	1220	855	855	793	793	115	423	490	B
CJBX/ALG-18/18	1356	1000	1000	938	938	80	498	554	B-C
CJBX/ALG-20/20	1400	1170	1250	1090	1170	349.5	620	618	C
CJBX/ALG-22/22	1480	1230	1300	1150	1220	342.5	711	681	C
CJBX/ALG-25/25	1600	1350	1500	1270	1420	366.5	810	781	C
CJBX/ALG-30/28	1850	1600	1700	1520	1620	459.5	949	906	C

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mmH₂O, Pa and inwg.

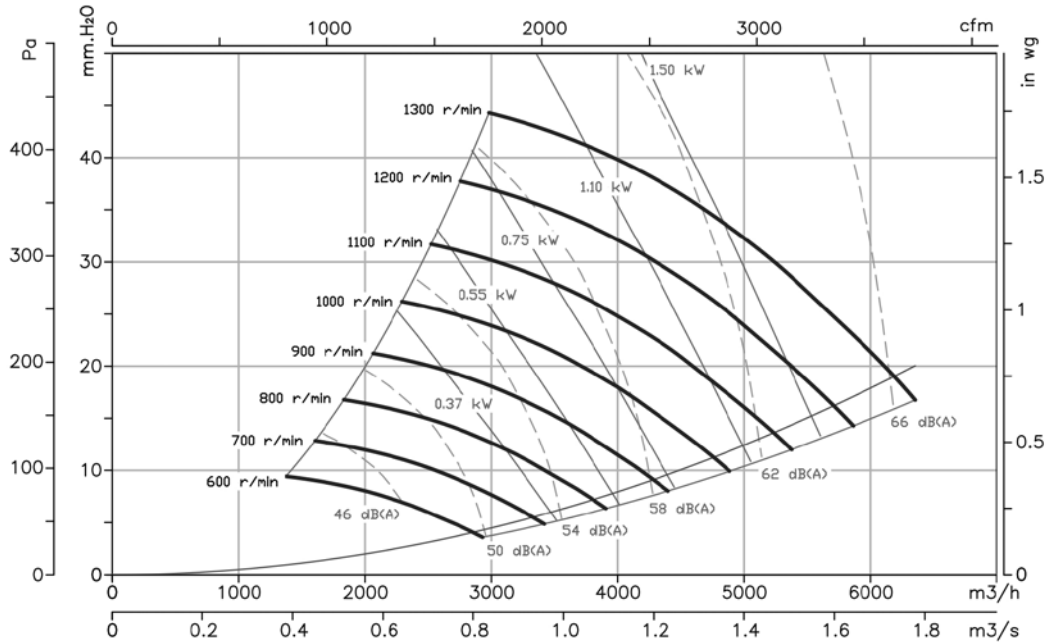


Characteristic curves

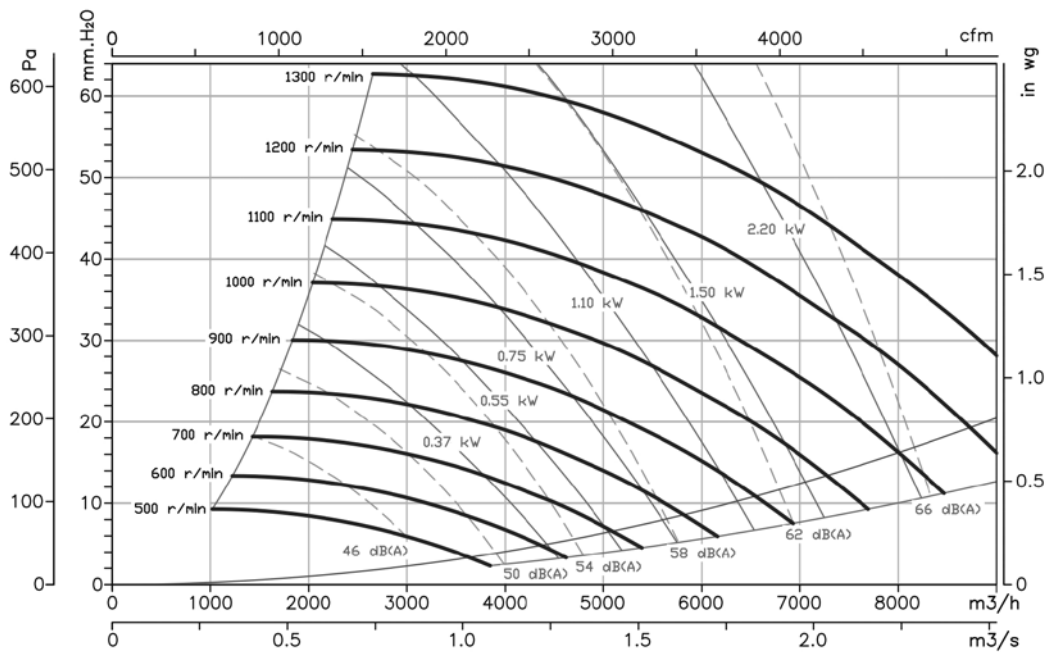
Q= Flow rate in m³/h, m³/s and cfm

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10/10



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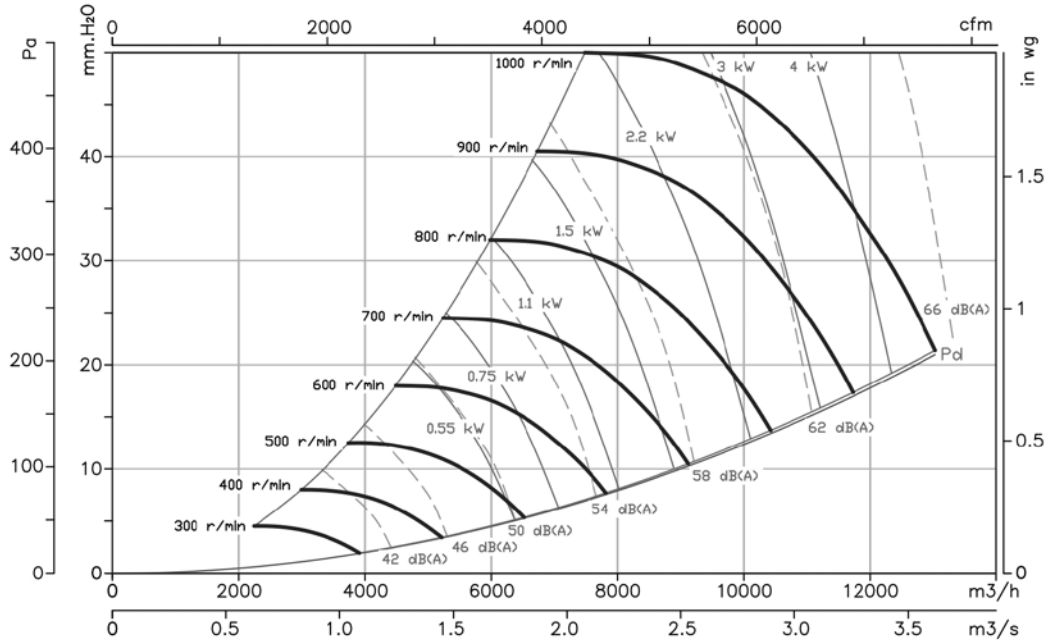


Characteristic curves

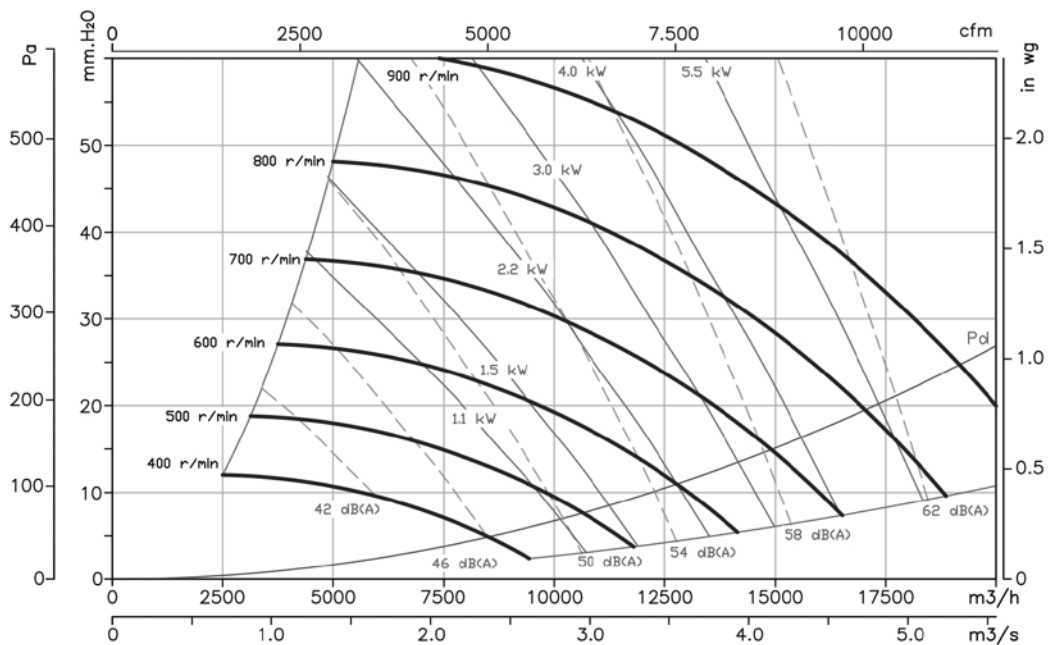
Q= Flow rate in m³/h, m³/s and cfm

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15/15



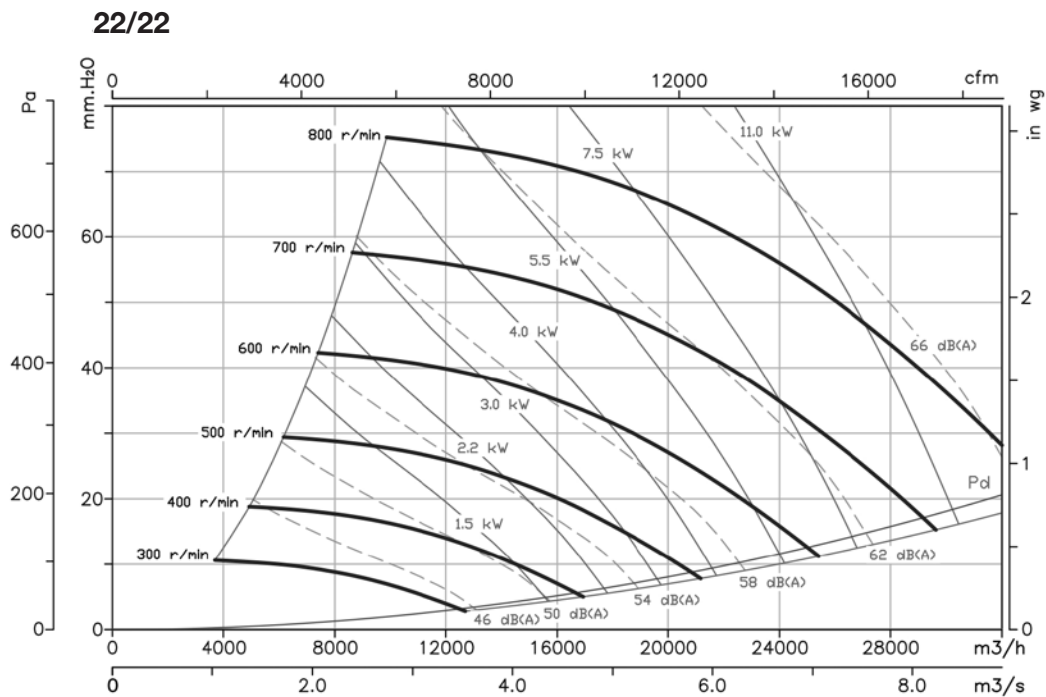
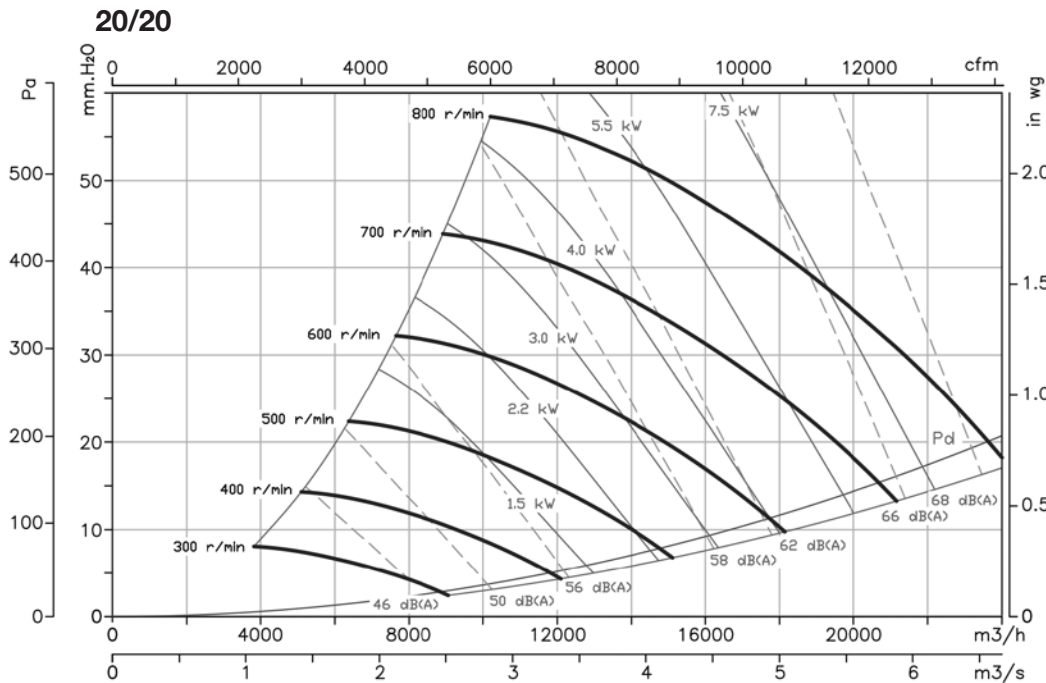
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Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

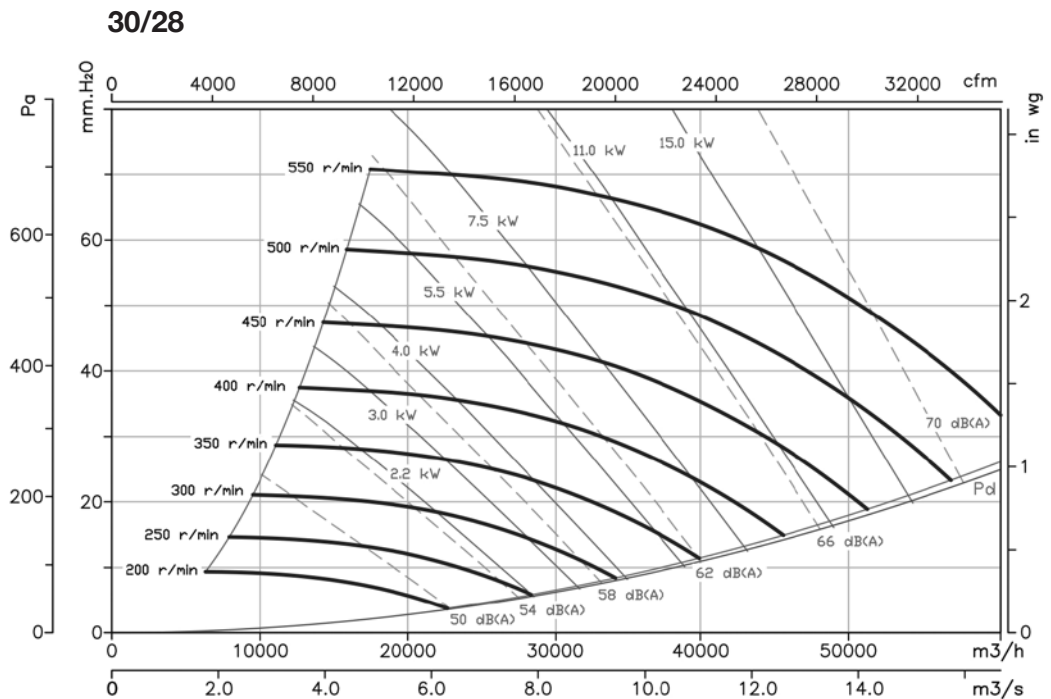
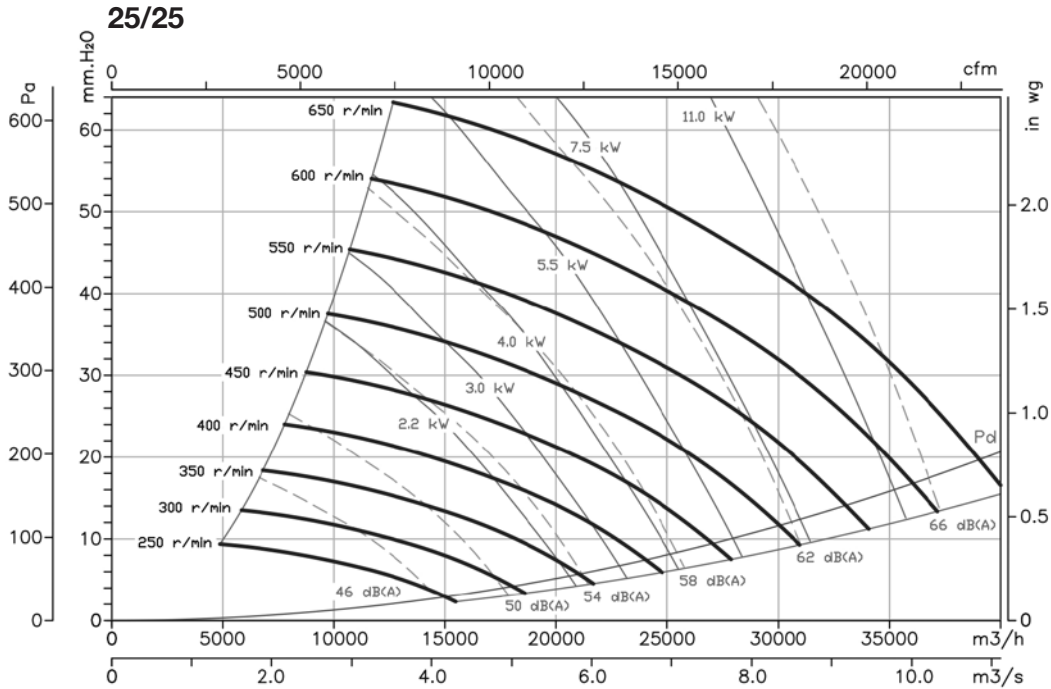
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Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mmH₂O, Pa and inwg.



Accessories



INT C2V RM VSD3/A-RFT AET VIS TEJ