

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 inlet
- CJBX/AL: with aluminium profiles and pre-lacquered sheet

Motor:

- Motors with IE-2 efficiency, except for motors with lower powers than 0.75 kW and single-phase motors.
- Class F motors, with bearings, IP55 protection.
- Three-phase 230/400V.-50Hz. (up to 5.5CV.) and 400/690V.-50Hz. (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



CJBX: Soundproofed ventilation units
 CJBX/AL: With aluminium profiles and pre-lacquered sheet
 CJBX/F: Ventilation units with built-in filters
 CJBX/ALS: Ventilation units with double wall of insulation and pre-lacquered sheet
 CJBX/ALF: Ventilation units with pre-lacquered sheet and built-in filters

Impeller size in inches Motor power (CV)

Options



CJBX/F



CJBX/ALS



CJBX/ALF

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)	Type Assembly
			230V	400V	690V					
CJBX	CJBX/AL 7/7-0.25	1090	1.23	0.71	0.18	1050	48	37.0	A	
CJBX	CJBX/AL 7/7-0.33	1220	1.66	0.96	0.25	1100	50	37.8	A	
CJBX	CJBX/AL 7/7-0.5	1420	2.02	1.17	0.37	1250	53	39.0	A	
CJBX	CJBX/AL 7/7-0.75	1600	2.92	1.69	0.55	1450	56	41.0	A	
CJBX	CJBX/AL 7/7-1	1790	3.10	1.79	0.75	1500	58	42.5	A	
CJBX	CJBX/AL 9/9-0.25	825	1.23	0.71	0.18	1700	45	48.0	A	
CJBX	CJBX/AL 9/9-0.33	920	1.66	0.96	0.25	1800	48	50.0	A	
CJBX	CJBX/AL 9/9-0.5	1020	2.02	1.17	0.37	2200	51	51.5	A	
CJBX	CJBX/AL 9/9-0.75	1050	2.92	1.69	0.55	2900	55	54.5	A	
CJBX	CJBX/AL 9/9-1	1070	3.10	1.79	0.75	3200	56	56.0	A	
CJBX	CJBX/AL 9/9-1.5	1260	4.03	2.32	1.10	3750	60	59.0	A	
CJBX	CJBX/AL 10/10-0.5	845	2.02	1.17	0.37	2950	52	55.0	A	
CJBX	CJBX/AL 10/10-0.75	845	2.92	1.69	0.55	3800	56	57.0	A	
CJBX	CJBX/AL 10/10-1	960	3.10	1.79	0.75	4175	58	58.5	A	
CJBX	CJBX/AL 10/10-1.5	1070	4.03	2.32	1.10	4800	61	61.3	A	
CJBX	CJBX/AL 10/10-2	1140	5.96	3.44	1.50	5400	63	64.6	A	
CJBX	CJBX/AL 12/12-0.5	595	2.02	1.17	0.37	4200	52	69.0	A	
CJBX	CJBX/AL 12/12-0.75	675	2.92	1.69	0.55	4800	54	71.0	A	
CJBX	CJBX/AL 12/12-1	765	3.10	1.79	0.75	5400	57	72.4	A	
CJBX	CJBX/AL 12/12-1.5	855	4.03	2.32	1.10	5800	59	75.3	A	
CJBX	CJBX/AL 12/12-2	965	5.96	3.44	1.50	6500	62	78.6	A	
CJBX	CJBX/AL 12/12-3	1180	8.36	4.83	2.20	7400	65	87.0	A	
CJBX	CJBX/AL 15/15-0.75	525	2.92	1.69	0.55	5900	49	85.0	A	
CJBX	CJBX/AL 15/15-1	595	3.10	1.79	0.75	6500	52	86.4	A	
CJBX	CJBX/AL 15/15-1.5	635	4.03	2.32	1.10	7500	54	89.3	A	
CJBX	CJBX/AL 15/15-2	670	5.96	3.44	1.50	8200	56	92.6	A	
CJBX	CJBX/AL 15/15-3	740	8.36	4.83	2.20	9500	59	101.0	A	
CJBX	CJBX/AL 15/15-4	805	10.96	6.33	3.00	10600	61	103.0	A	
CJBX	CJBX/AL 15/15-5.5	965	14.10	8.12	4.00	12000	63	108.0	B	
CJBX	CJBX/AL 18/18-1.5	480	4.03	2.32	1.10	9000	48	122.0	A	
CJBX	CJBX/AL 18/18-2	605	5.96	3.44	1.50	9250	51	125.3	A	
CJBX	CJBX/AL 18/18-3	590	8.36	4.83	2.20	11500	54	133.7	A	
CJBX	CJBX/AL 18/18-4	640	10.96	6.33	3.00	13200	56	135.7	B	
CJBX	CJBX/AL 18/18-5.5	675	14.10	8.12	4.00	15000	58	141.0	B	
CJBX	CJBX/AL 18/18-7.5	760		11.60	6.72	5.50	17000	60	154.5	B
CJBX	CJBX/AL 20/20-2	430	5.96	3.44	1.50	11500	56	222.0	B	
CJBX	CJBX/AL 20/20-3	530	8.36	4.83	2.20	12800	57	230.5	B	
CJBX	CJBX/AL 20/20-4	575	10.96	6.33	3.00	14200	58	232.5	B	
CJBX	CJBX/AL 20/20-5.5	635	14.10	8.12	4.00	15500	61	237.5	B	
CJBX	CJBX/AL 20/20-7.5	675		11.60	6.72	5.50	17500	63	251.5	B
CJBX	CJBX/AL 20/20-10	725		14.20	8.20	7.50	20000	65	266.5	B
CJBX	CJBX/AL 22/22-2	385	5.96	3.44	1.50	14000	50	250.0	B	
CJBX	CJBX/AL 22/22-3	475	8.36	4.83	2.20	15000	54	257.0	B	
CJBX	CJBX/AL 22/22-4	515	10.96	6.33	3.00	17000	55	261.0	B	
CJBX	CJBX/AL 22/22-5.5	570	14.10	8.12	4.00	19000	57	265.0	B	
CJBX	CJBX/AL 22/22-7.5	605		11.60	6.72	5.50	21500	60	279.0	B
CJBX	CJBX/AL 22/22-10	725		14.20	8.20	7.50	22000	63	290.0	B
CJBX	CJBX/AL 22/22-15	765		20.20	11.60	11.00	27000	65	316.0	B
CJBX	CJBX/AL 25/25-3	375	8.36	4.83	2.20	17000	53	297.0	B	
CJBX	CJBX/AL 25/25-4	405	10.96	6.33	3.00	20500	55	299.0	B	
CJBX	CJBX/AL 25/25-5.5	450	14.10	8.12	4.00	22000	57	304.0	B	
CJBX	CJBX/AL 25/25-7.5	485		11.60	6.72	5.50	24500	59	318.0	B
CJBX	CJBX/AL 25/25-10	545		14.20	8.20	7.50	28000	61	329.0	B
CJBX	CJBX/AL 25/25-15	610		20.20	11.60	11.00	32000	64	349.0	B
CJBX	CJBX/AL 30/28-3	280	8.36	4.83	2.20	20000	54	380.0	B	
CJBX	CJBX/AL 30/28-4	310	10.96	6.33	3.00	22000	56	382.0	B	
CJBX	CJBX/AL 30/28-5.5	340	14.10	8.12	4.00	25000	59	387.0	B	
CJBX	CJBX/AL 30/28-7.5	380		11.60	6.72	5.50	31500	60	402.0	B
CJBX	CJBX/AL 30/28-10	410		14.20	8.20	7.50	36000	63	415.0	B
CJBX	CJBX/AL 30/28-15	430		20.20	11.60	11.00	42000	65	426.0	B
CJBX	CJBX/AL 30/28-20	480		27.50	15.90	15.00	48000	68	449.0	B

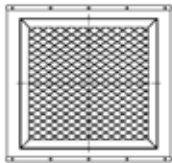
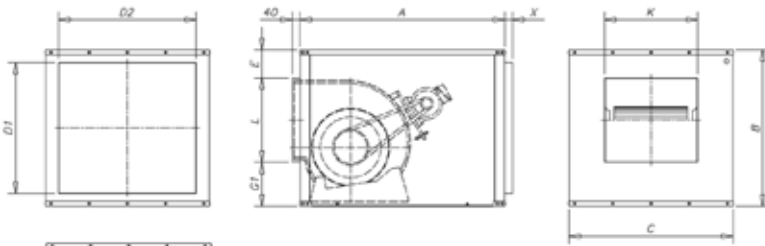


Erp. BEP (best efficiency point) characteristics

Available features best efficiency point (BEP), CBXT series without box.

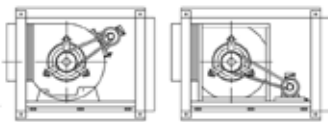
Dimensions in mm

CJBX



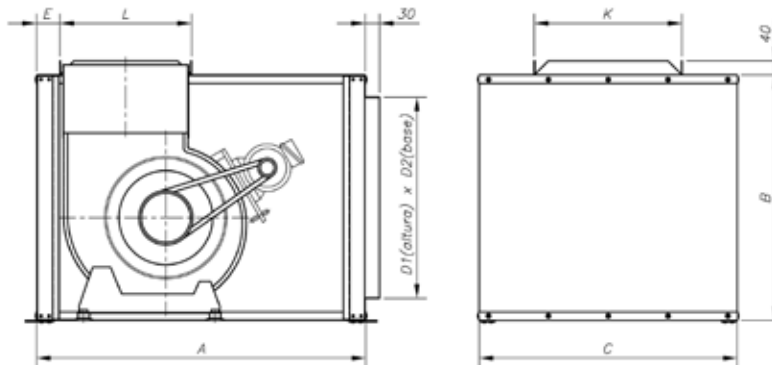
Installation A

Installation B



	A	B	C	D1	D2	E	G1	L	K	X (without filter)	X (with filter)
CJBX-7/7	650	460	500	364	404	107	135	218	240	30	40
CJBX-9/9	700	522	550	426	454	101	151	270	310	30	40
CJBX-10/10	750	575	600	479	504	100	175	300	336	30	40
CJBX-12/12	850	650	700	554	604	84	205	361	404	30	40
CJBX-15/15	1000	755	800	659	704	62	270	423	486	30	40
CJBX-18/18	1200	875	1000	779	904	45	336	494	551	30	40
CJBX-20/20	1400	1175	1100	1079	1004	147	428	600	600	30	40
CJBX-22/22	1460	1250	1250	1154	1154	145	413	692	653	30	40
CJBX-25/25	1550	1375	1450	1279	1354	152	431	792	762	30	40
CJBX-30/28	1800	1600	1650	1504	1554	140	528	932	885	30	40

CJBX vertical impulsion



Installation A

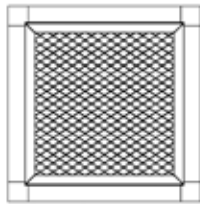
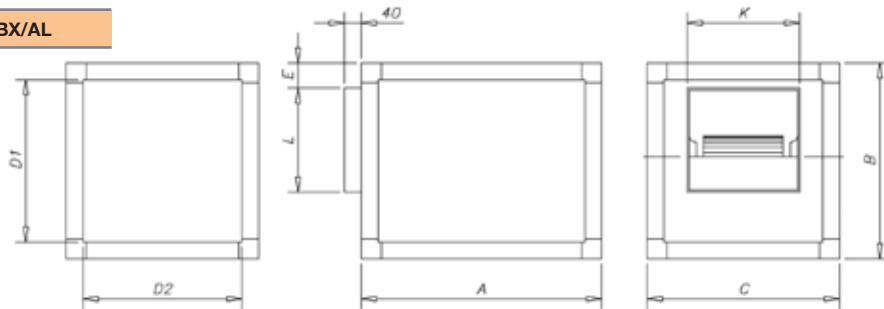
Installation B



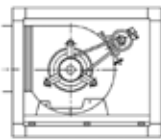
Model	A	B	C	D1xD2	E	L	K
CJBX-7/7	650	460	500	364x404	30	204	226
CJBX-9/9	700	522	550	426x454	30	256	296
CJBX-10/10	750	575	600	479x504	30	286	322
CJBX-12/12	850	650	700	554x604	30	341	383
CJBX-15/15	1000	755	800	659x704	30	404	471
CJBX-18/18	1200	875	1000	779x904	30	484	537
CJBX-20/20	1445	1175	1100	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

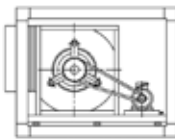
CJBX/AL



Installation A

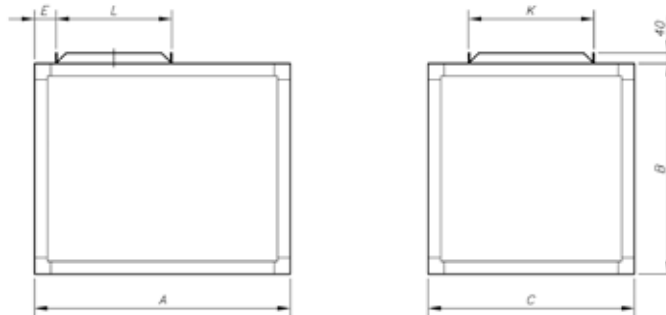


Installation B

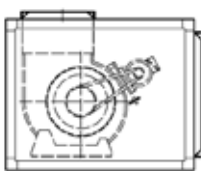


	A	B	C	D1	D2	E	L	K
CJBX/AL-7/7	650	460	460	420	420	85	205	225
CJBX/AL-9/9	700	520	520	480	480	70	268	307
CJBX/AL-10/10	750	575	575	535	535	73	296	334
CJBX/AL-12/12	850	650	650	610	610	84	345	390
CJBX/AL-15/15	1000	755	755	695	695	127	406	475
CJBX/AL-18/18	1200	1000	1000	940	940	143	480	540
CJBX/AL-20/20	1445	1175	1100	1115	1040	149	590	590
CJBX/AL-22/22	1600	1250	1250	1190	1190	128	696	662
CJBX/AL-25/25	1550	1450	1450	1390	1390	205	790	770
CJBX/AL-30/28	1900	1700	1700	1640	1640	225	942	894

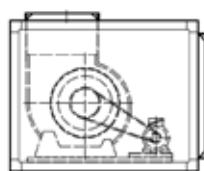
CJBX/AL vertical impulsion



Installation A



Installation B



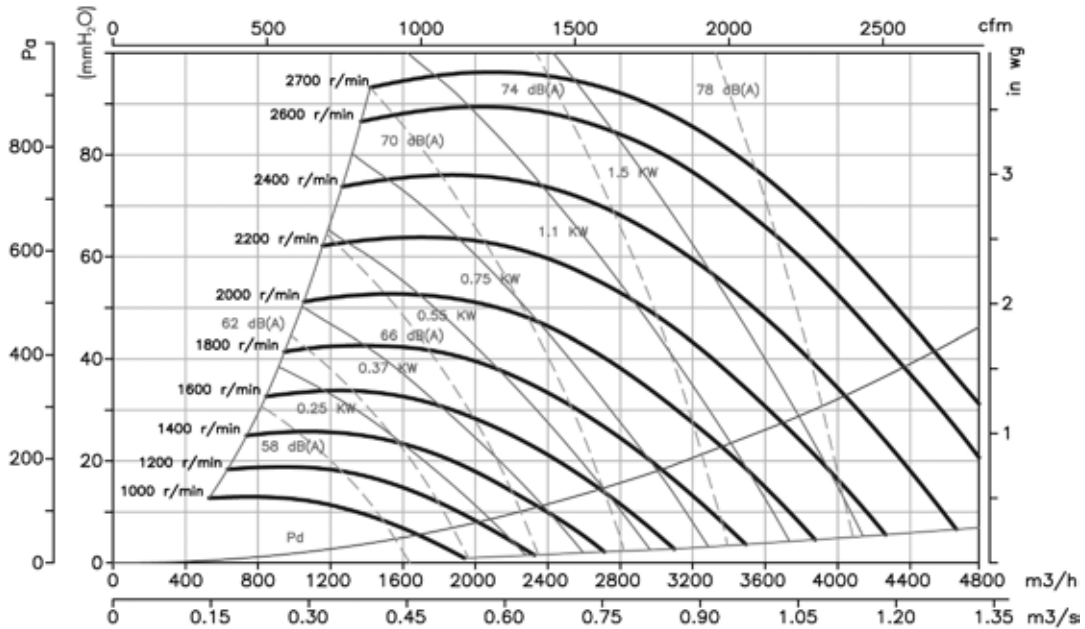
Model	A	B	C	E	L	K
CJBX/AL-7/7	650	460	460	75	216	238
CJBX/AL-9/9	700	520	520	75	268	305
CJBX/AL-10/10	750	575	575	75	296	330
CJBX/AL-12/12	850	650	650	75	346	390
CJBX/AL-15/15	1000	755	755	85	411	482
CJBX/AL-18/18	1200	1000	1000	185	491	550
CJBX/AL-20/20	1400	1170	1250	349,5	620	618
CJBX/AL-22/22	1480	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

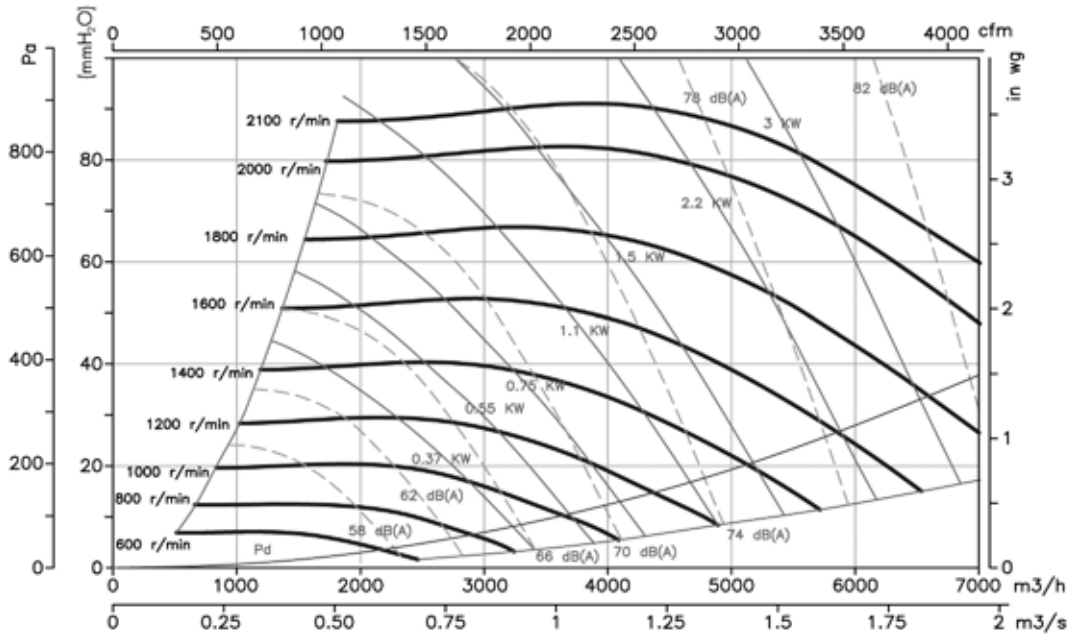
Q = Airflow in m³/h, m³/s and cfm.

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

7/7



9/9

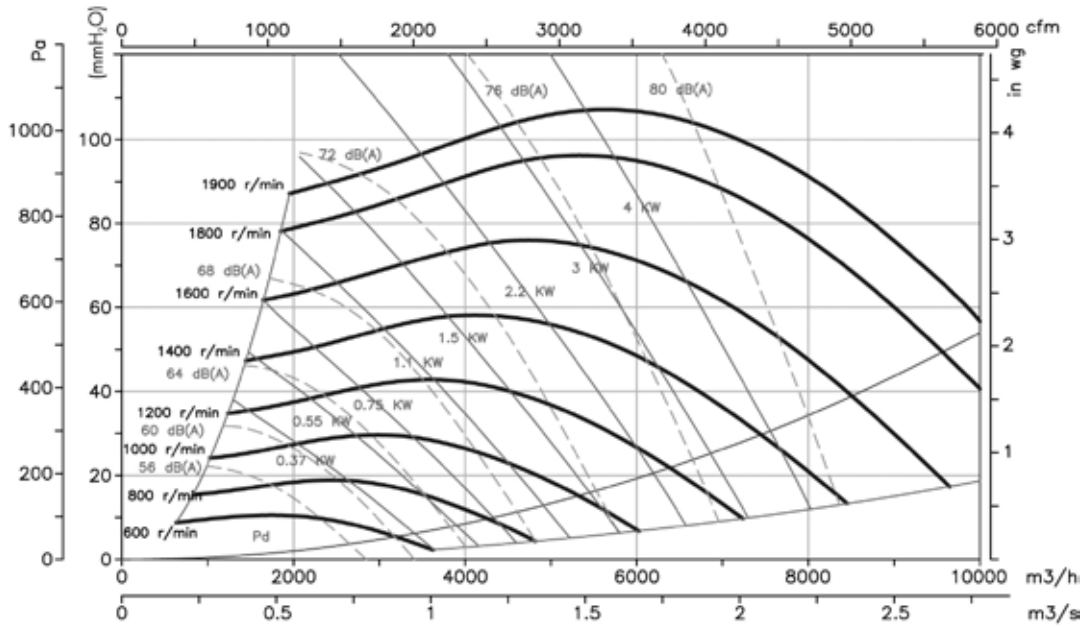


Characteristic Curves

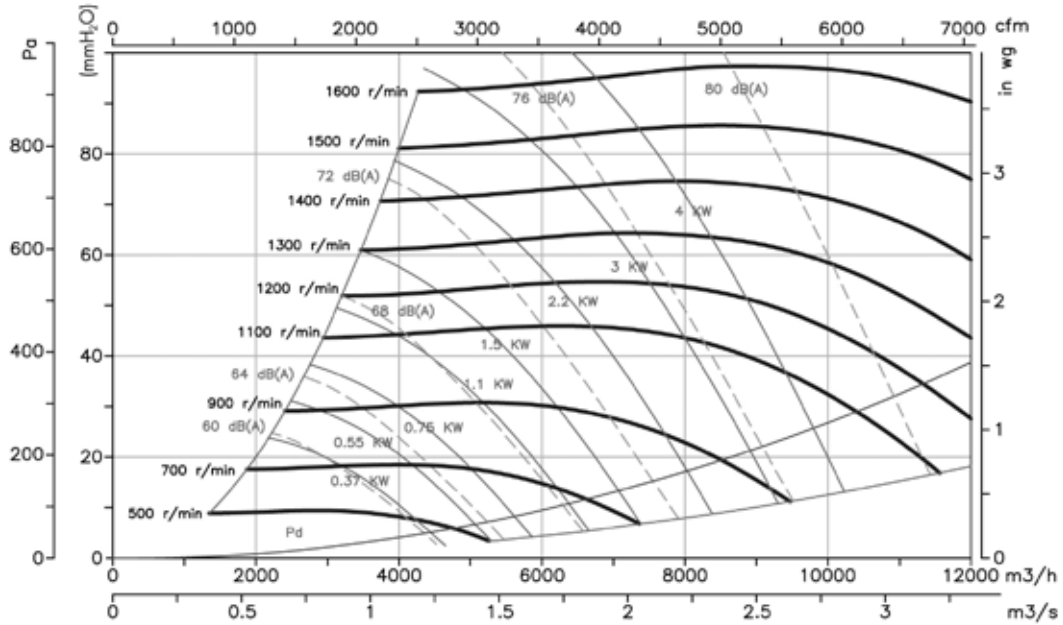
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Pe = Static pressure in mm.w.c., Pa and inwg.

10/10



12/12

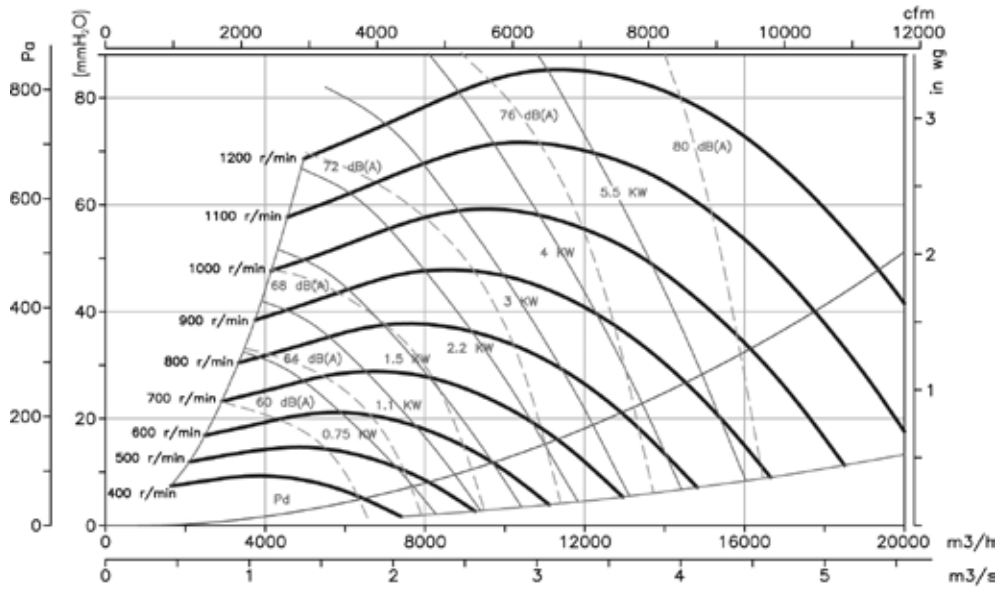


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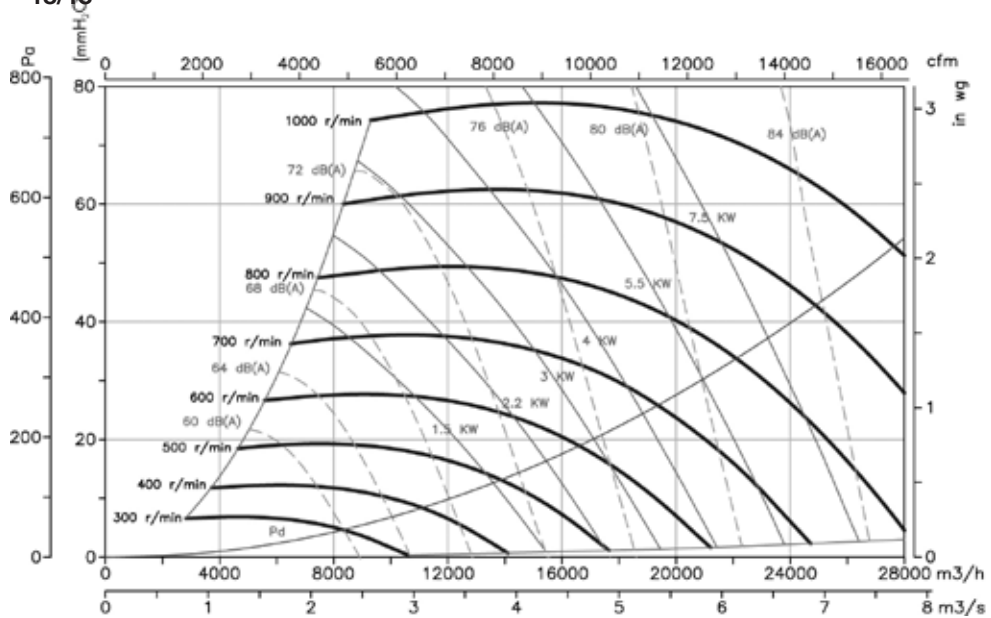
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15/15



18/18

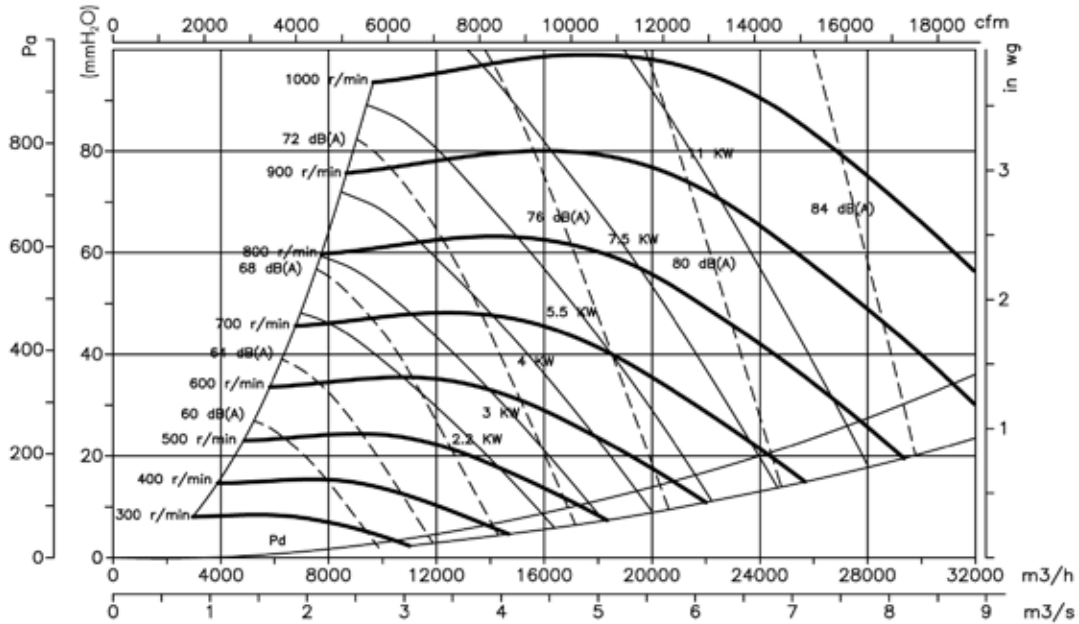


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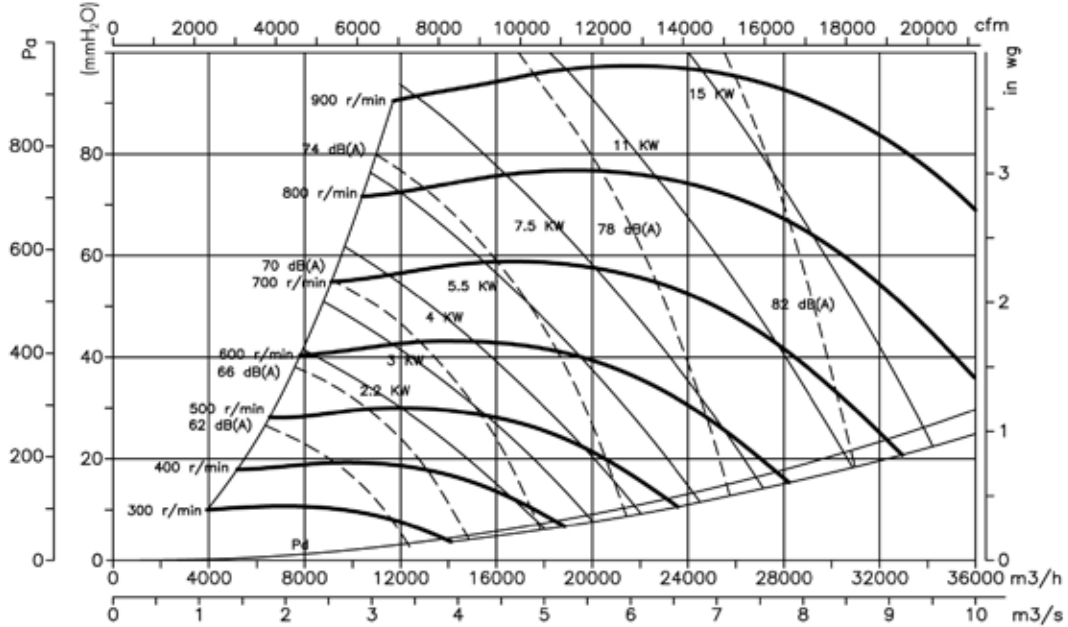
Q = Airflow in m³/h, m³/s and cfm.

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

20/20



22/22

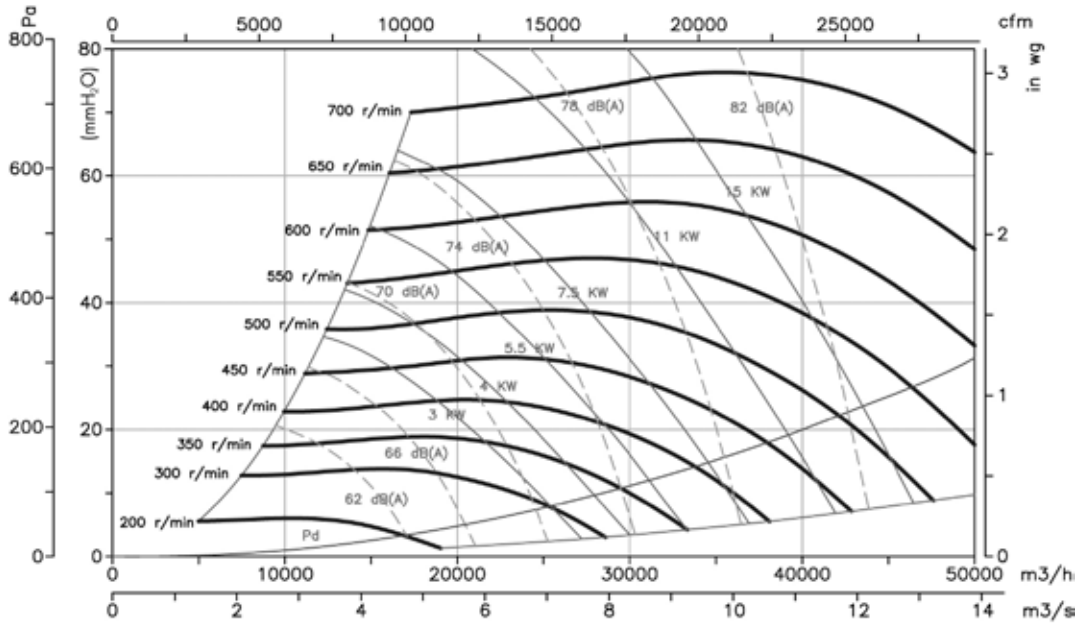


Characteristic Curves

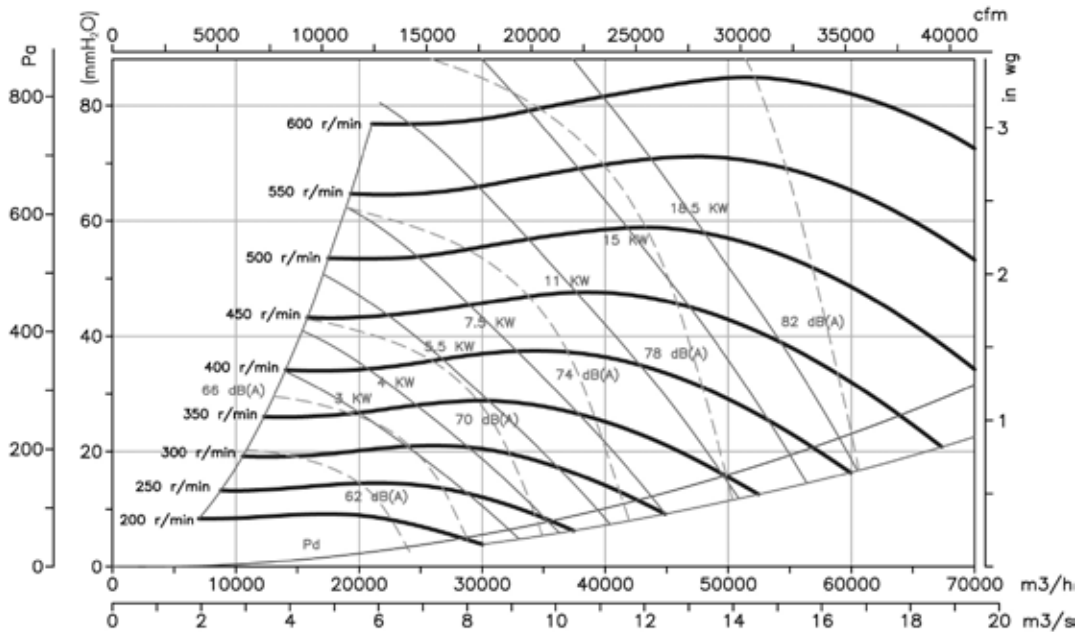
Q = Airflow in m³/h, m³/s and cfm.

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

25/25



30/28



Accessories

See accessories section.

