

# CSX

## 400 °C/2h, belt-driven centrifugal fans for outdoor operation in the fire risk zone fitted with a reaction impeller



Extremely robust, high performance reaction impeller

400 °C/2h, belt-driven centrifugal extractor fans with reaction impeller fitted with electric motors and a standardised set of pulleys, belts and protectors in accordance with standard ISO-13857

**Fan:**

- Sheet steel casing.
- Impeller with reaction blades made of sheet steel.
- Approved in accordance with standard EN 12101-3:2002/AC:2006 with certification number 0370-CPR-1577.
- Standardised set of pulleys, belts and protectors in accordance with standard ISO-13857.

**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 + 150 °C.

**Finish:**

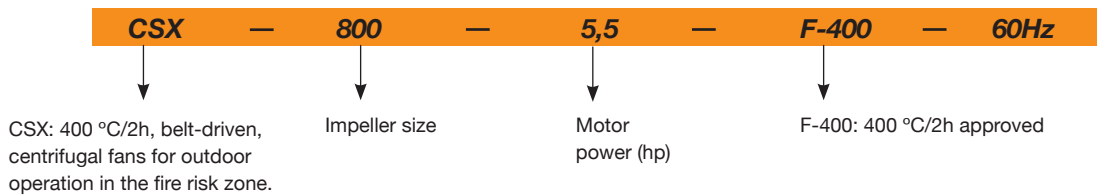
- Anti-corrosive finish of polyester resin polymerised at 190 °C, previously degreased with phosphate-free nanotechnological treatment.

**On request:**

- Special windings for different voltages.



### Order code



### Technical characteristics

**60Hz**

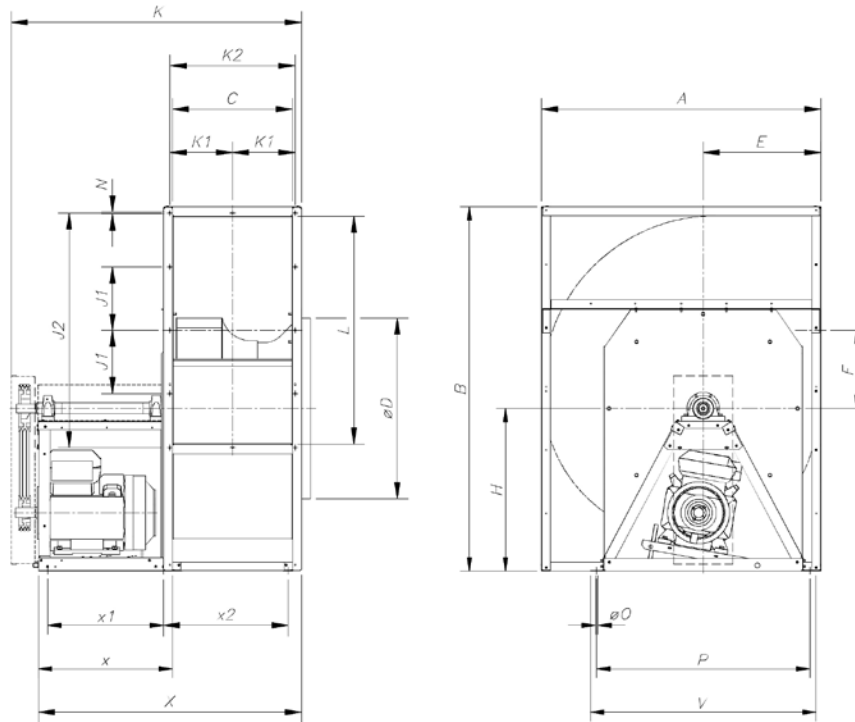
Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m3/h)	Approx. weight (kg)
		220-277V	380-480V			
CSX-315-0.5	1650	1.84	1.06	0.37	2700	56
CSX-315-0.75	1880	2.35	1.35	0.55	3075	58
CSX-315-1	2095	3.13	1.80	0.75	3430	57
CSX-315-1.5	2375	4.35	2.50	1.10	3885	62
CSX-315-2	2655	5.83	3.35	1.50	4345	63
CSX-315-3	3000	7.60	4.37	2.20	4910	75
CSX-315-4	3380	10.35	5.95	3.00	5530	77
CSX-355-0.5	1385	1.84	1.06	0.37	3235	64
CSX-355-0.75	1580	2.43	1.40	0.55	3685	65
CSX-355-1	1765	3.13	1.80	0.75	4120	65
CSX-355-1.5	2010	4.35	2.50	1.10	4690	70
CSX-355-2	2225	5.83	3.35	1.50	5190	71
CSX-355-3	2530	7.60	4.37	2.20	5905	82
CSX-355-4	2860	10.35	5.95	3.00	6675	84
CSX-355-5.5	3100	13.22	7.60	4.00	7235	94
CSX-400-0.75	1320	2.35	1.35	0.55	4375	81
CSX-400-1	1465	3.30	1.90	0.75	4855	84
CSX-400-1.5	1665	4.50	2.59	1.10	5515	86
CSX-400-2	1845	5.83	3.35	1.50	6110	93
CSX-400-3	2100	7.60	4.37	2.20	6955	101

### Technical characteristics

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		220-277V	380-480V			
CSX-400-4	2370	10.35	5.95	3.00	7850	99
CSX-400-5.5	2610	13.22	7.60	4.00	8645	109
CSX-450-0.75	1095	2.43	1.40	0.55	5045	101
CSX-450-1	1220	3.30	1.90	0.75	5620	106
CSX-450-1.5	1390	4.50	2.59	1.10	6405	106
CSX-450-2	1540	6.00	3.45	1.50	7095	113
CSX-450-3	1750	8.35	4.80	2.20	8065	121
CSX-450-4	1980	10.35	5.95	3.00	9120	119
CSX-450-5.5	2180	13.22	7.60	4.00	10045	129
CSX-450-7.5	2420	-	10.50	5.50	11150	151
CSX-450-10	2670	-	13.90	7.50	12300	154
CSX-500-1	1005	3.30	1.90	0.75	6465	132
CSX-500-1.5	1140	4.50	2.59	1.10	7330	132
CSX-500-2	1270	6.00	3.45	1.50	8165	138
CSX-500-3	1445	8.35	4.80	2.20	9290	147
CSX-500-4	1635	11.27	6.48	3.00	10510	149
CSX-500-5.5	1800	13.91	8.00	4.00	11570	158
CSX-500-7.5	2000	-	11.10	5.50	12855	176
CSX-500-10	2220	-	13.90	7.50	14270	179
CSX-500-15	2300	-	20.50	11.00	14785	204
CSX-560-2	1035	6.00	3.45	1.50	9885	189
CSX-560-3	1185	8.35	4.80	2.20	11360	191
CSX-560-4	1340	11.27	6.48	3.00	12880	194
CSX-560-5.5	1475	13.91	8.00	4.00	14210	203
CSX-560-7.5	1640	-	11.10	5.50	15830	221
CSX-560-10	1815	-	14.80	7.50	17555	224
CSX-560-15	2065	-	20.50	11.00	20010	249
CSX-630-3	1010	8.35	4.80	2.20	12120	216
CSX-630-4	1140	11.27	6.48	3.00	13680	218
CSX-630-5.5	1255	13.91	8.00	4.00	15060	227
CSX-630-7.5	1395	-	11.10	5.50	16740	245
CSX-630-10	1550	-	14.80	7.50	18600	248
CSX-630-15	1760	-	22.00	11.00	21120	273
CSX-630-20	1900	-	29.00	15	22800	303
CSX-710-4	960	11.27	6.48	3.00	17065	260
CSX-710-5.5	1060	13.91	8.00	4.00	18845	269
CSX-710-7.5	1180	-	11.10	5.50	20980	287
CSX-710-10	1305	-	14.80	7.50	23200	289
CSX-710-15	1485	-	22.00	11.00	26400	315
CSX-710-20	1670	-	29.00	15.00	29690	345
CSX-710-25	1750	-	36.50	18.50	31110	363
CSX-800-4	765	11.27	6.48	3.00	19975	306
CSX-800-5.5	845	13.91	8.00	4.00	22065	315
CSX-800-7.5	940	-	11.10	5.50	24545	333
CSX-800-10	1040	-	14.80	7.50	27155	336
CSX-800-15	1185	-	22.00	11.00	30940	361
CSX-800-20	1330	-	29.00	15.00	34730	391
CSX-800-25	1420	-	36.50	18.50	37080	409
CSX-900-4	640	11.27	6.48	3.00	21200	385
CSX-900-5.5	705	13.91	8.00	4.00	23355	394
CSX-900-7.5	785	-	11.10	5.50	26005	412
CSX-900-10	870	-	14.80	7.50	28820	415
CSX-900-15	990	-	22.00	11.00	32795	440
CSX-900-20	1100	-	29.00	15.00	36440	470
CSX-900-25	1150	-	36.50	18.50	38095	488
CSX-900-30	1200	-	42.00	22.00	39750	522
CSX-1000-5.5	575	13.91	8.00	4.00	25555	487
CSX-1000-7.5	645	-	11.10	5.50	28665	479
CSX-1000-10	715	-	14.80	7.50	31780	482
CSX-1000-15	815	-	22.00	11.00	36220	507
CSX-1000-20	915	-	29.00	15.00	40665	537
CSX-1000-25	980	-	36.50	18.50	43555	555
CSX-1000-30	1040	-	42.00	22.00	46220	589
CSX-1000-40	1120	-	59.00	30.00	49780	619

Dimensions mm

Standard supply RD-90

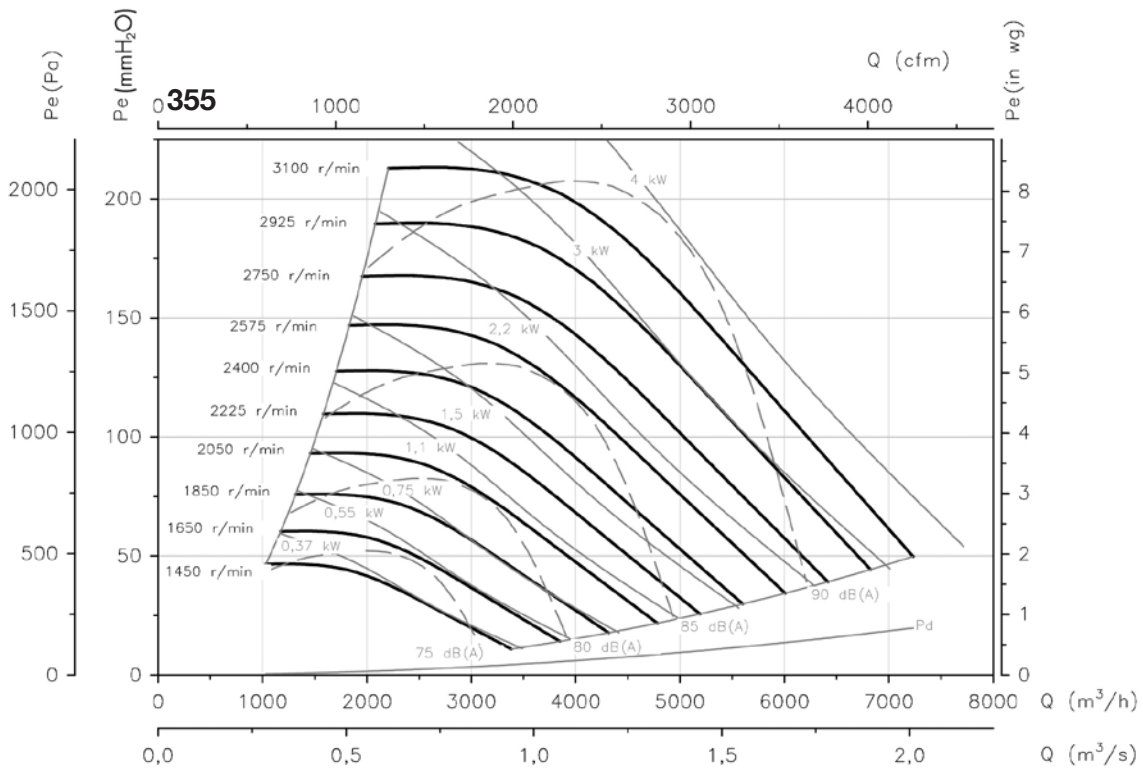
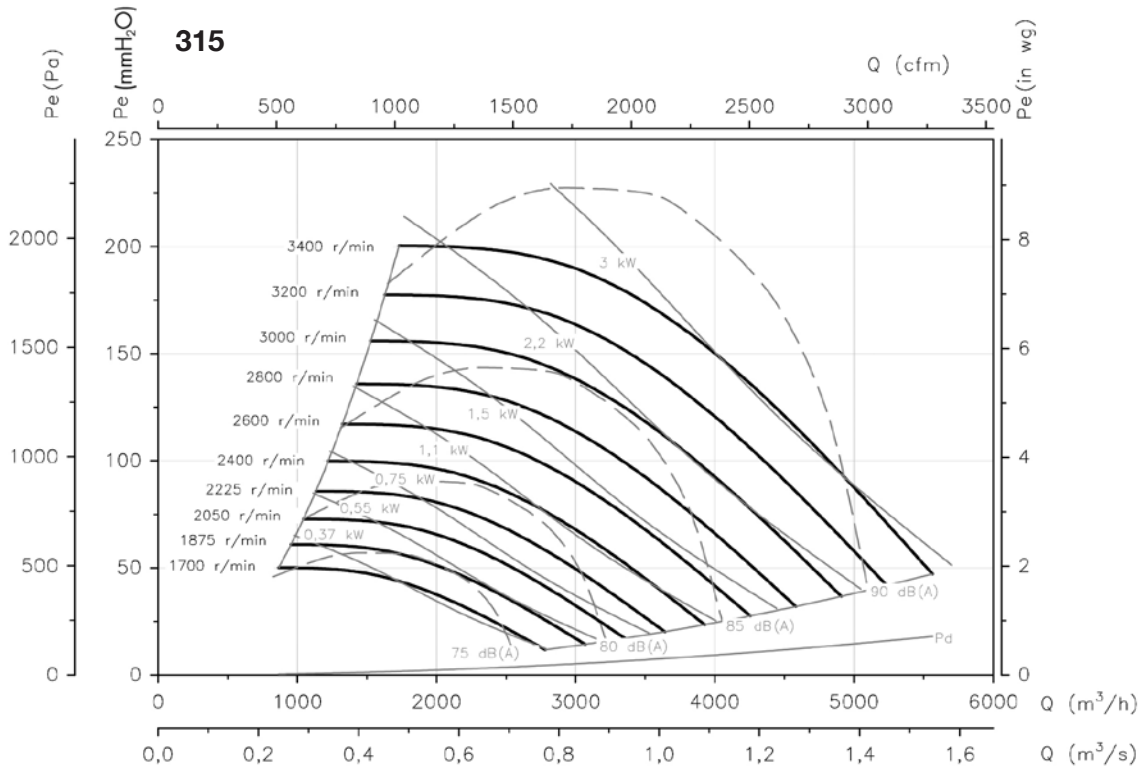


	A	B	C	L	K2	K1	J2	J1	N	øD	H	E	F	K	X	ø0	P	V	x1	x2	x
CSX-315	522	771.5	223	404	253	126.5	434	-	13x9	313	400	236	139.5	769	679	12	454	504	315	264	415
CSX-355	582.5	869.5	247	453	277	138.5	483	-	13x9	353	450	261	158	793	703	12	496	546	315	288	415
CSX-400	651	963	274	507	304	152	537	-	13x9	398	500	290	179.5	820	730	12	542	592	315	315	415
CSX-450	727.5	1067	308	569	338	169	599	-	13x9	448	550	322	202.5	959	829	12	595	645	380	349	480
CSX-500	801	1180	344	638	374	187	658	-	13x9	498	600	352	221	1005	875	12	654	704	380	380	480
CSX-560	892.5	1295	383	715	413	206.5	745	-	13x9	558	650	390	247.5	1202	1064	12	715	765	515	424	630
CSX-630	998.5	1489.5	432	801	462	231	831	-	13x9	628	769	434	280	1251	1113	12	780	830	515	473	630
CSX-710	1117	1547	479	902	508	254	928	200	13x9	708	730	481.5	316	1298	1160	14	890	930	515	520	630
CSX-800	1250	1665.5	533	1010	563	283.5	1037	250	13x9	798	762	535	358.5	1362	1219	14	980	1050	515	574.5	630
CSX-900	1408	1525	595	1130	625	312.5	1160	300	13x9	898	850	604	407	1424	1281	14	1080	1150	515	636.5	630
CSX-1000	1546	2016	663	1260	693	346.5	1297	350	13x9	998	900	651	433	1600	1456	14	1180	1250	642	690	742

**Characteristic curves**

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm.

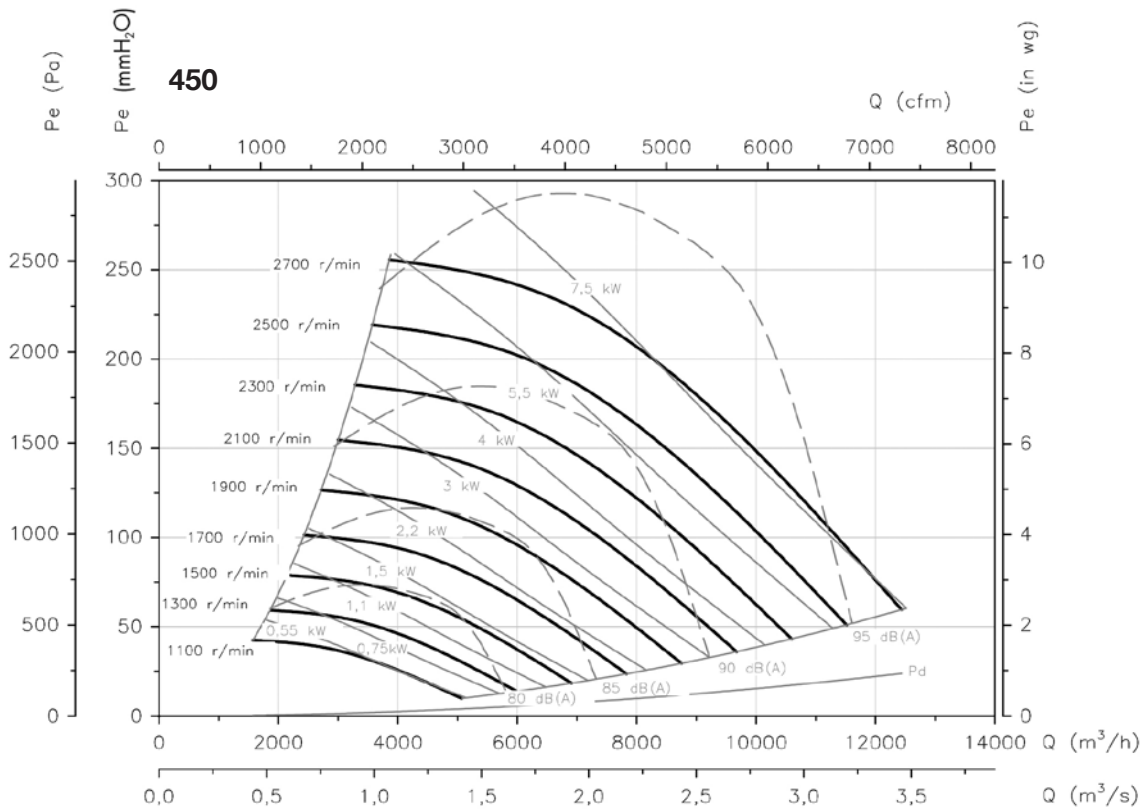
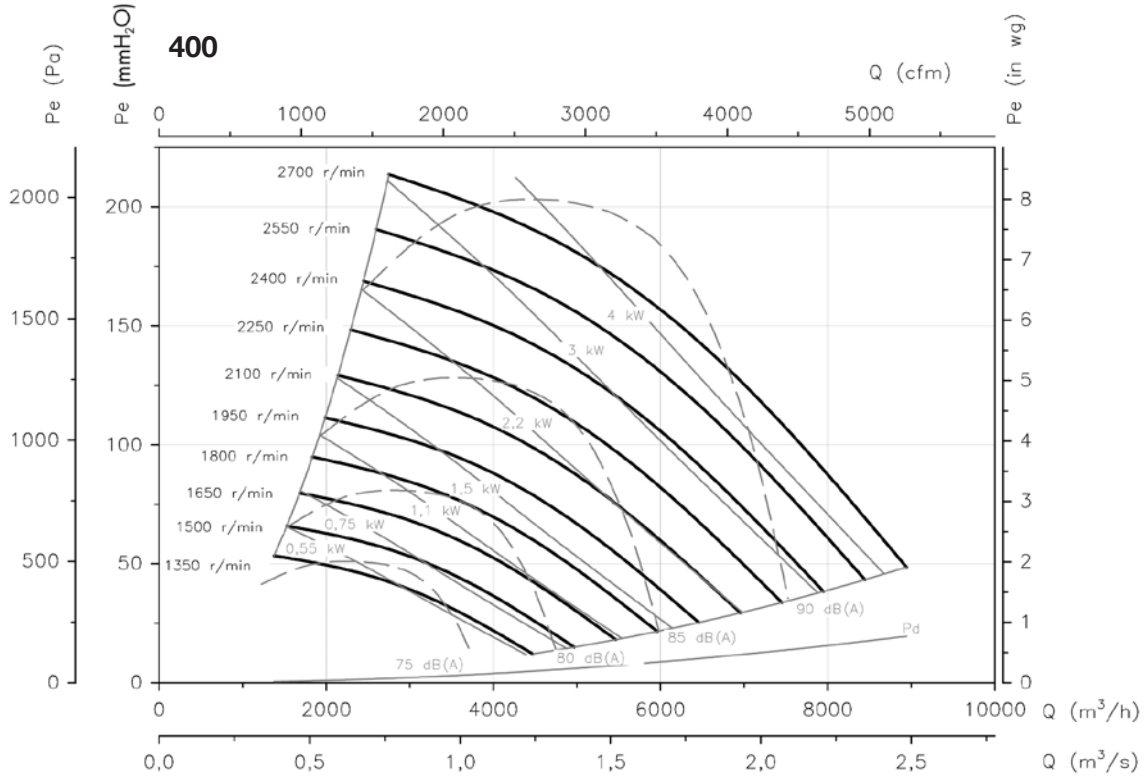
Pe= Static pressure in mmH<sub>2</sub>O, Pa and inwg.



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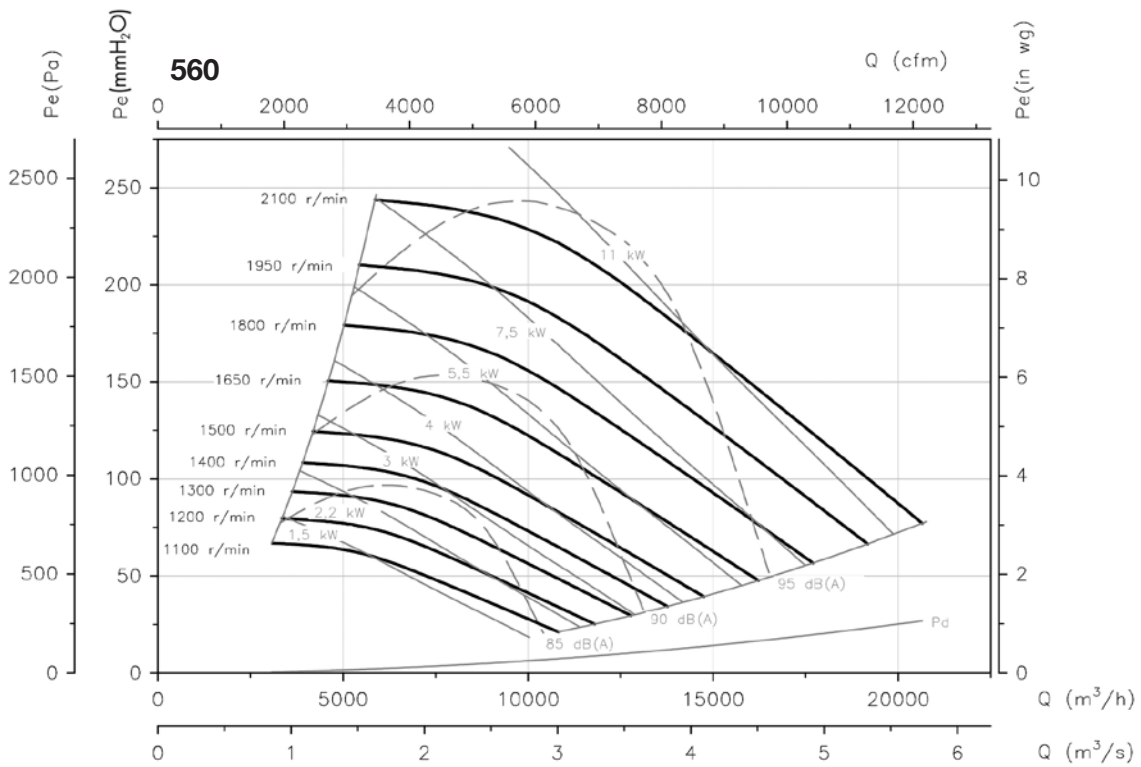
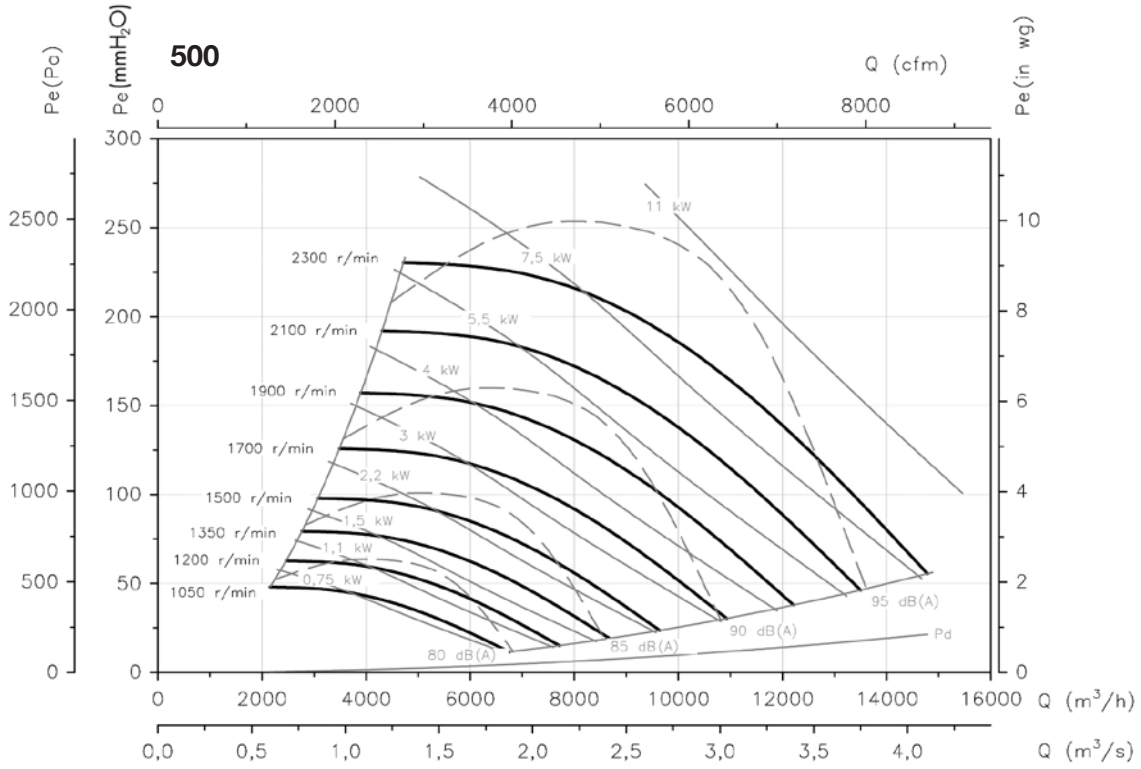
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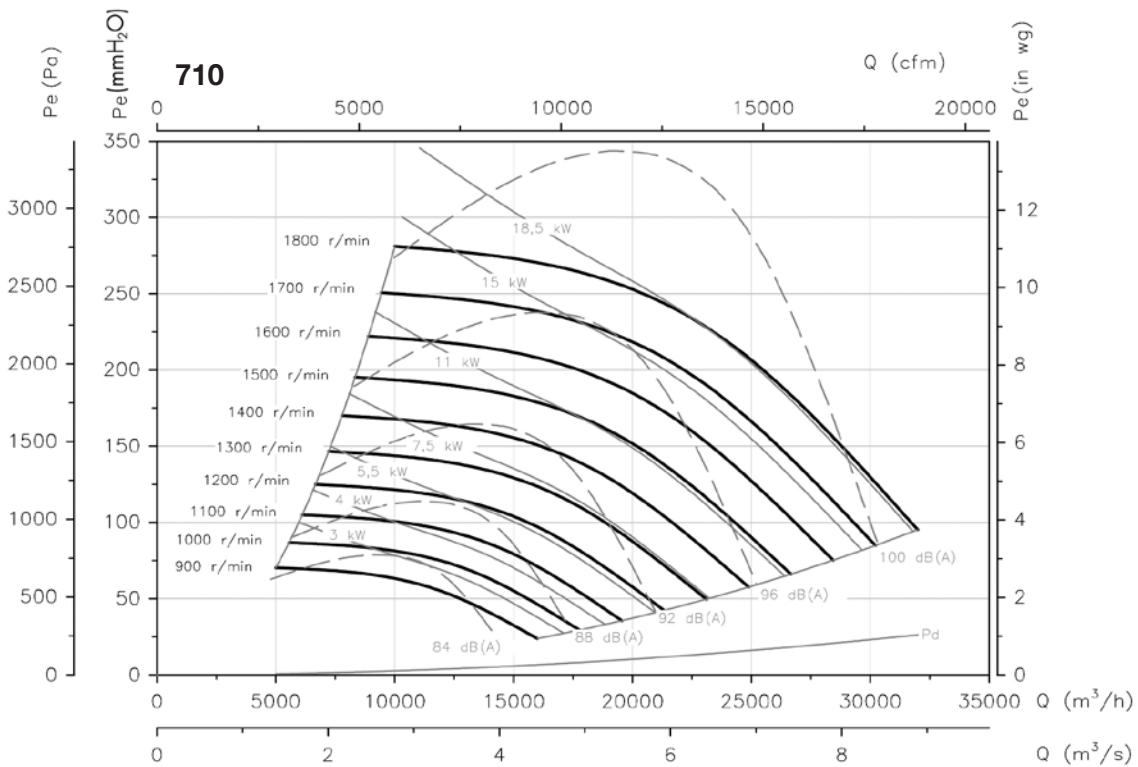
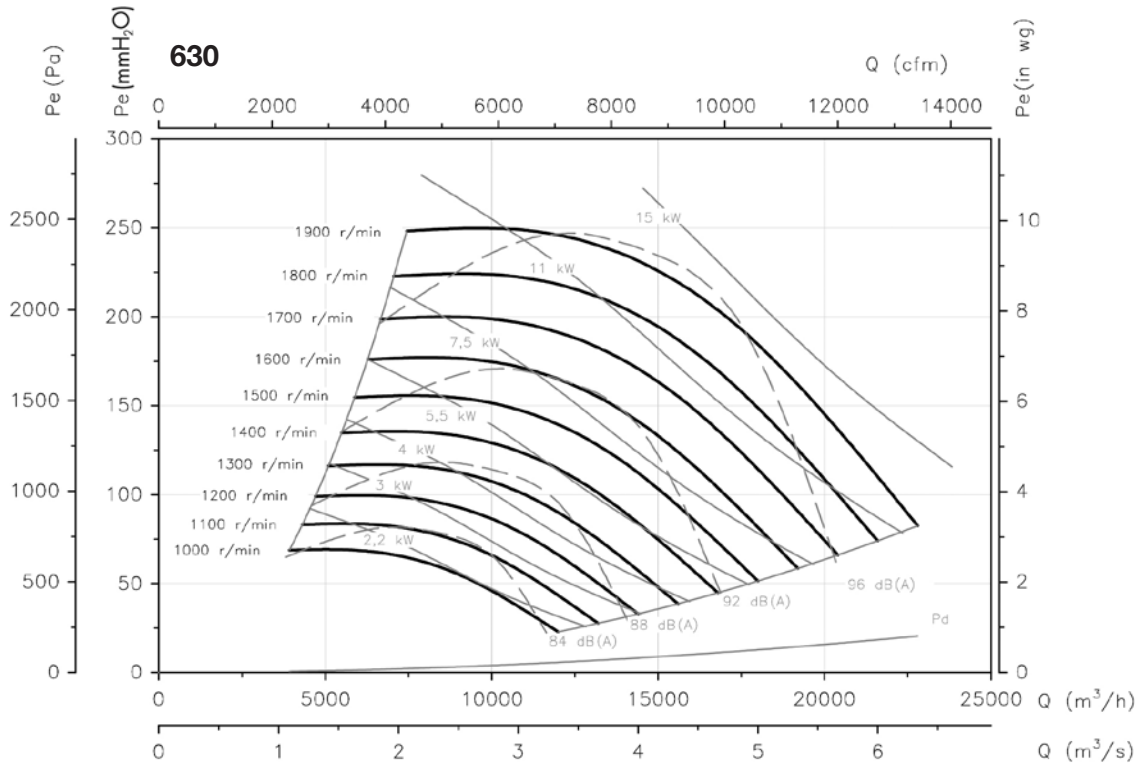
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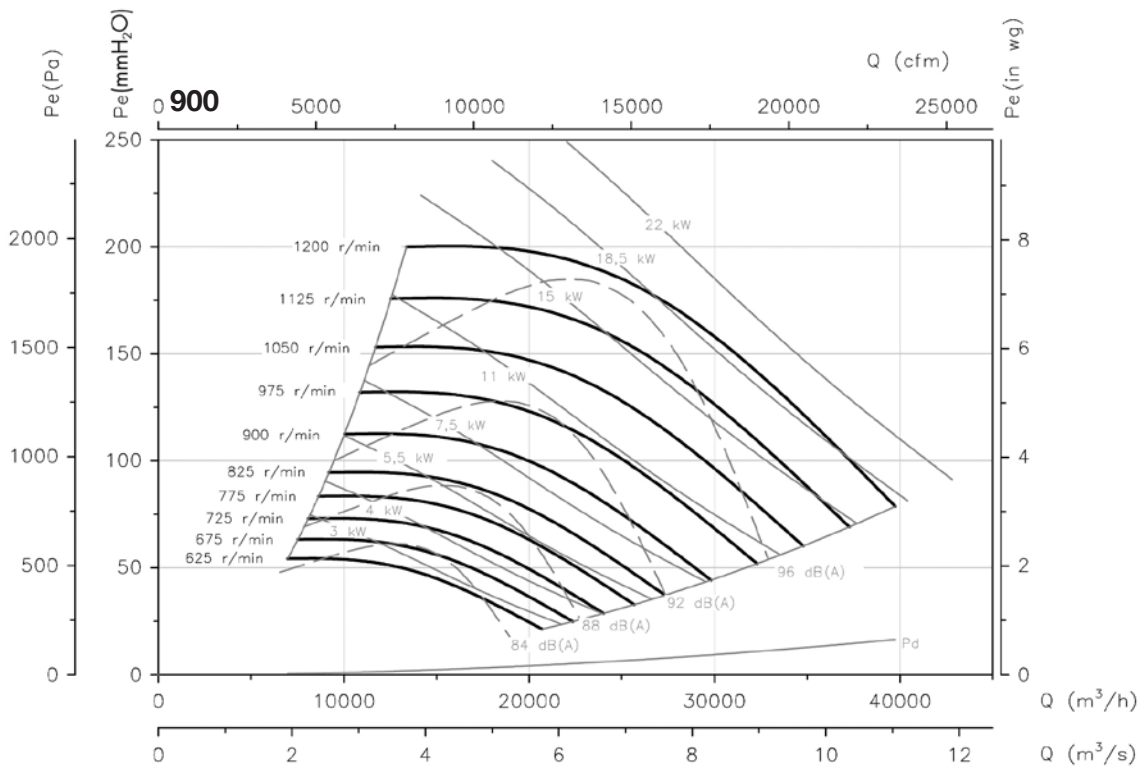
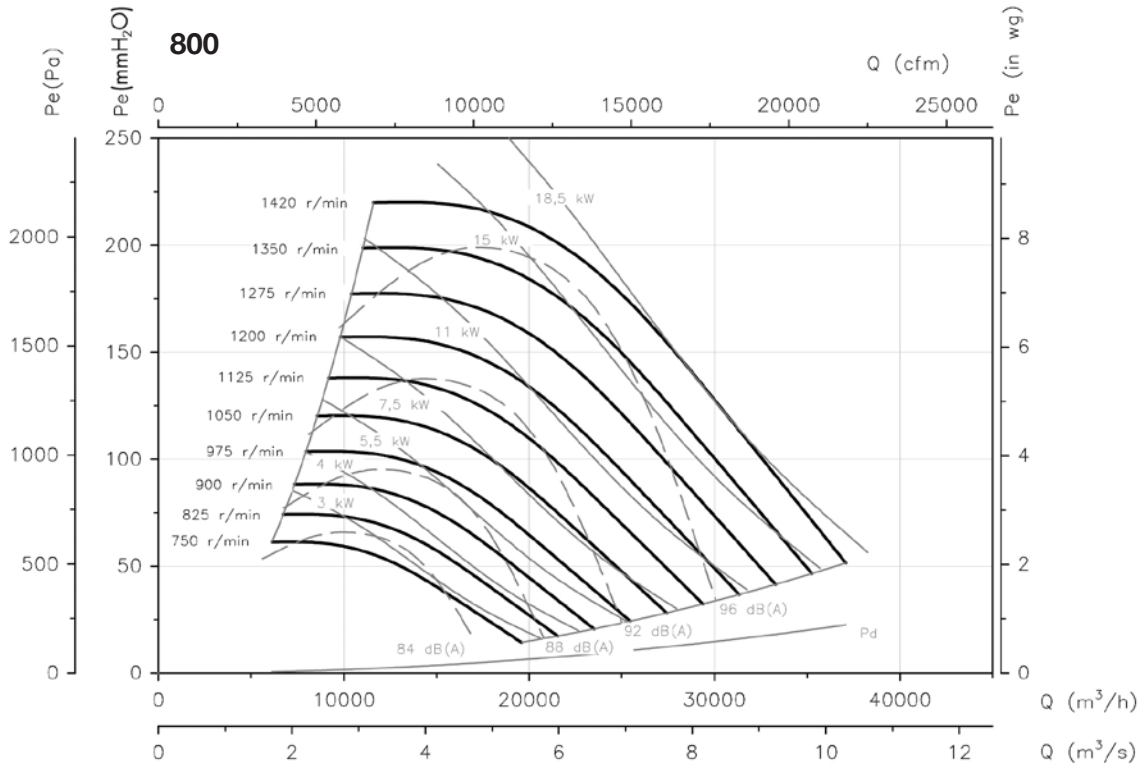




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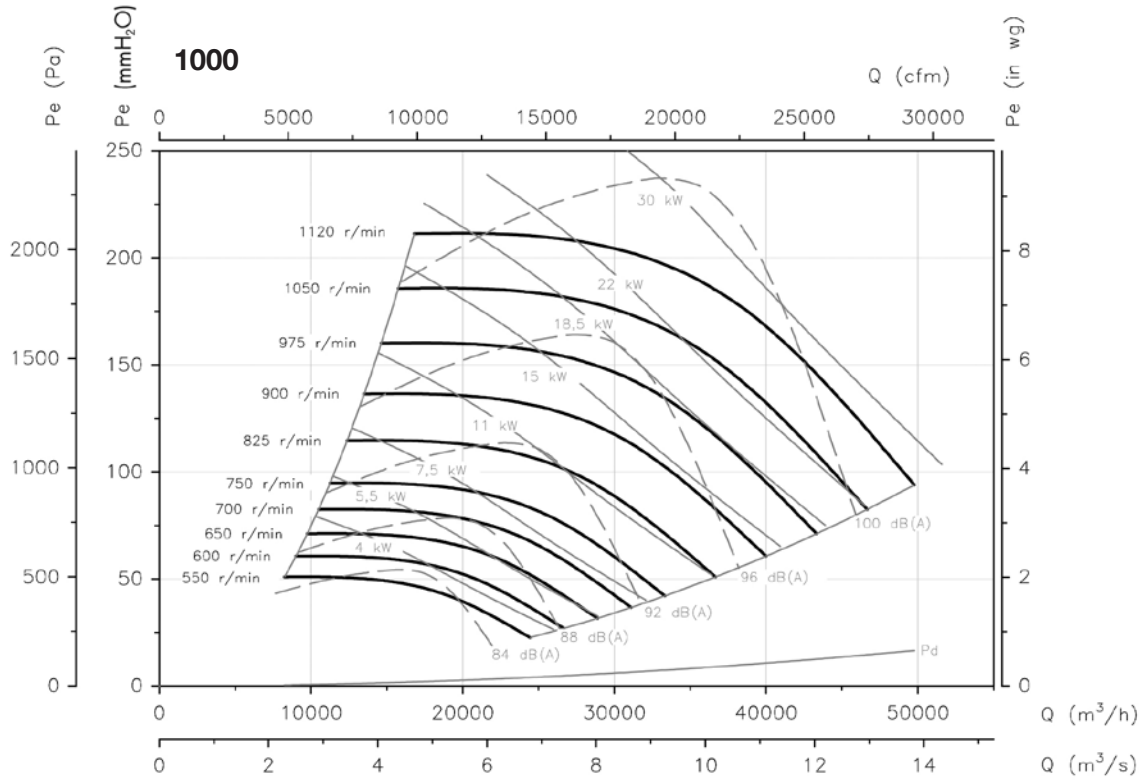




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**Accessories**

