

# CJDXR/AL



**Belt driven ventilation units with backward curved impeller, acoustic insulation, aluminium profile and pre-lacquered sheet finish**



#### Fan:

- Galvanised steel sheet casing.
- Backward curved impeller made of painted sheet steel.
- Glands for cable entry.

#### Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

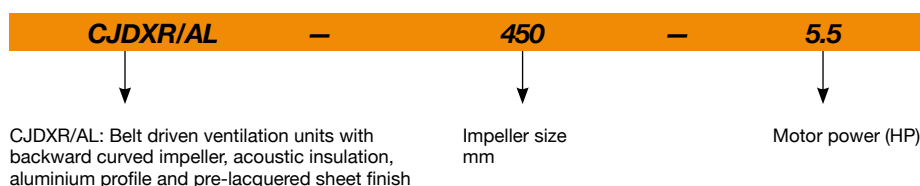
#### Finish:

- Aluminium profile and pre-lacquered sheet steel structure with thermal and acoustic insulation.

#### On request:

- Different outlet positions.
- Circular outlet.
- ATEX certification.

## Order code



## Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m <sup>3</sup> /h)	Sound pressure level <sup>1</sup> dB (A)	Working temperature		Approx. weight (Kg)	Mounting type
		230V	400V	690V				min.	max.		
CJDXR/AL-200-0.33	2520	1.29	0.75		0.25	2040	63	-25	50	31	A
CJDXR/AL-200-0.5	2870	1.56	0.90		0.37	2250	66	-25	50	32	A
CJDXR/AL-200-0.75	3280	2.57	1.49		0.55	2500	68	-25	50	35	A
CJDXR/AL-200-1 IE3	3640	2.80	1.62		0.75	2800	71	-25	50	38	A
CJDXR/AL-200-1.5 IE3	4135	4.03	2.34		1.10	3150	73	-25	50	45	A
CJDXR/AL-200-2 IE3	4590	5.34	3.07		1.50	3550	76	-25	50	49	A
CJDXR/AL-250-0.5	2005	2.02	1.17		0.37	2750	64	-25	50	40	A
CJDXR/AL-250-0.75	2285	2.57	1.49		0.55	3100	67	-25	50	43	A
CJDXR/AL-250-1 IE3	2535	2.80	1.62		0.75	3450	69	-25	50	47	A
CJDXR/AL-250-1.5 IE3	2885	4.03	2.34		1.10	3900	72	-25	50	53	A
CJDXR/AL-250-2 IE3	3200	5.34	3.07		1.50	4300	74	-25	50	57	A
CJDXR/AL-250-3 IE3	3645	7.32	4.21		2.20	4950	77	-25	50	62	A
CJDXR/AL-315-0.75	1535	2.17	1.25		0.55	5500	79	-25	50	61	B
CJDXR/AL-315-1 IE3	1700	2.82	1.62		0.75	6000	81	-25	50	65	B
CJDXR/AL-315-1.5 IE3	1930	4.07	2.34		1.10	6750	83	-25	50	72	B
CJDXR/AL-315-2 IE3	2145	5.41	3.11		1.50	7650	86	-25	50	75	B
CJDXR/AL-315-3 IE3	2445	7.32	4.21		2.20	8600	89	-25	50	80	B
CJDXR/AL-315-4 IE3	2720	10.00	5.77		3.00	9650	91	-25	50	89	B
CJDXR/AL-355-1 IE3	1425	2.82	1.62		0.75	7100	70	-25	50	82	B
CJDXR/AL-355-1.5 IE3	1615	4.07	2.34		1.10	8060	73	-25	50	92	B
CJDXR/AL-355-2 IE3	1795	5.41	3.11		1.50	8890	75	-25	50	96	B

## Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m <sup>3</sup> /h)	Sound pressure level <sup>1</sup> dB (A)	Working temperature		Approx. weight (Kg)	Mounting type
		230V	400V	690V				min.	max.		
CJDXR/AL-355-3 IE3	2045	7.93	4.56		2.20	10100	78	-25	50	105	B
CJDXR/AL-355-4 IE3	2285	10.00	5.77		3.00	11395	81	-25	50	111	B
CJDXR/AL-355-5.5 IE3	2520	13.00	7.50		4.00	12545	83	-25	50	123	B
CJDXR/AL-355-7.5 IE3	2800		10.10	5.86	5.50	13955	85	-25	50	148	B
CJDXR/AL-400-1.5 IE3	1330	4.07	2.34		1.10	9350	70	-25	50	101	B
CJDXR/AL-400-2 IE3	1475	5.41	3.11		1.50	10260	73	-25	50	105	B
CJDXR/AL-400-3 IE3	1680	7.93	4.56		2.20	11650	75	-25	50	114	B
CJDXR/AL-400-4 IE3	1870	10.70	6.15		3.00	13110	78	-25	50	120	B
CJDXR/AL-400-5.5 IE3	2065	13.90	8.00		4.00	14430	80	-25	50	132	B
CJDXR/AL-400-7.5 IE3	2305		10.10	5.86	5.50	16040	82	-25	50	157	B
CJDXR/AL-400-10 IE3	2390		14.10	8.17	7.50	17250	83	-25	50	166	B
CJDXR/AL-450-2 IE3	1225	5.41	3.11		1.50	11960	76	-25	50	123	B
CJDXR/AL-450-3 IE3	1400	7.93	4.56		2.20	13600	79	-25	50	132	B
CJDXR/AL-450-4 IE3	1555	10.70	6.15		3.00	15100	81	-25	50	138	B
CJDXR/AL-450-5.5 IE3	1720	13.90	8.00		4.00	16835	83	-25	50	150	B
CJDXR/AL-450-7.5 IE3	1915		10.30	5.97	5.50	18500	86	-25	50	176	B
CJDXR/AL-450-10 IE3	2125		13.90	8.06	7.50	20760	88	-25	50	185	B
CJDXR/AL-450-15 IE3	2190		20.90	12.10	11.00	21890	89	-25	50	236	B
CJDXR/AL-500-1.5 IE3	910	4.07	2.34		1.10	12460	71	-25	50	140	B
CJDXR/AL-500-2 IE3	1015	5.41	3.11		1.50	13815	73	-25	50	143	B
CJDXR/AL-500-3 IE3	1155	7.93	4.56		2.20	15700	76	-25	50	152	B
CJDXR/AL-500-4 IE3	1285	10.70	6.15		3.00	17650	79	-25	50	158	B
CJDXR/AL-500-5.5 IE3	1415	13.90	8.00		4.00	19430	81	-25	50	170	B
CJDXR/AL-500-7.5 IE3	1580		10.30	5.97	5.50	21600	83	-25	50	196	B
CJDXR/AL-500-10 IE3	1755		13.90	8.06	7.50	23950	85	-25	50	205	B
CJDXR/AL-500-15 IE3	1995		20.90	12.10	11.00	27220	88	-25	50	256	B
CJDXR/AL-560-3 IE3	955	7.93	4.56		2.20	17830	82	-25	50	221	B
CJDXR/AL-560-4 IE3	1060	10.70	6.15		3.00	20380	84	-25	50	227	B
CJDXR/AL-560-5.5 IE3	1170	13.90	8.00		4.00	22170	86	-25	50	239	B
CJDXR/AL-560-7.5 IE3	1310		10.30	5.97	5.50	24940	89	-25	50	265	B
CJDXR/AL-560-10 IE3	1450		13.90	8.06	7.50	27660	91	-25	50	274	B
CJDXR/AL-560-15 IE3	1650		20.90	12.10	11.00	31050	94	-25	50	325	B
CJDXR/AL-630-2 IE3	680	5.41	3.11		1.50	19160	76	-25	50	251	B
CJDXR/AL-630-3 IE3	775	7.93	4.56		2.20	21210	78	-25	50	261	B
CJDXR/AL-630-4 IE3	860	10.70	6.15		3.00	23860	81	-25	50	281	B
CJDXR/AL-630-5.5 IE3	950	13.90	8.00		4.00	26260	83	-25	50	291	B
CJDXR/AL-630-7.5 IE3	1060		10.30	5.97	5.50	29200	85	-25	50	300	B
CJDXR/AL-630-10 IE3	1175		13.90	8.06	7.50	32385	88	-25	50	320	B
CJDXR/AL-630-15 IE3	1335		20.90	12.10	11.00	36800	90	-25	50	355	B
CJDXR/AL-630-20 IE3	1480		27.90	16.20	15.00	41415	93	-25	50	409	B
CJDXR/AL-710-3 IE3	645	7.93	4.56		2.20	23200	87	-25	50	324	B
CJDXR/AL-710-4 IE3	720	10.70	6.15		3.00	26200	89	-25	50	344	B
CJDXR/AL-710-5.5 IE3	795	13.90	8.00		4.00	29200	91	-25	50	354	B
CJDXR/AL-710-7.5 IE3	885		10.30	5.97	5.50	32200	94	-25	50	364	B
CJDXR/AL-710-10 IE3	985		13.90	8.06	7.50	35600	96	-25	50	384	B

## Technical characteristics

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		230V	400V	690V				min.	max.		
CJDXR/AL-710-15 IE3	1115		20.90	12.10	11.00	40600	99	-25	50	419	B
CJDXR/AL-710-20 IE3	1240		27.90	16.20	15.00	45600	101	-25	50	473	B
CJDXR/AL-710-25 IE3	1330		35.10	20.30	18.50	49000	103	-25	50	491	B
CJDXR/AL-710-30 IE3	1400		41.00	23.80	22.00	52000	104	-25	50	500	B
CJDXR/AL-800-4 IE3	595	10.70	6.15		3.00	33660	68	-25	50	457	B
CJDXR/AL-800-5.5 IE3	655	13.90	8.00		4.00	37075	70	-25	50	467	B
CJDXR/AL-800-7.5 IE3	735		10.30	5.97	5.50	41460	73	-25	50	477	B
CJDXR/AL-800-10 IE3	815		13.90	8.06	7.50	46060	75	-25	50	497	B
CJDXR/AL-800-15 IE3	925		20.90	12.10	11.00	52310	78	-25	50	532	B
CJDXR/AL-800-20 IE3	1025		27.90	16.20	15.00	57960	80	-25	50	586	B
CJDXR/AL-800-25 IE3	1100		35.10	20.30	18.50	62170	82	-25	50	605	B
CJDXR/AL-800-30 IE3	1160		41.00	23.80	22.00	65655	83	-25	50	614	B
CJDXR/AL-800-40 IE3	1290		57.10	33.10	30.00	72880	85	-25	50	798	B
CJDXR/AL-900-5.5 IE3	540	13.90	8.00		4.00	43370	66	-25	50	667	B
CJDXR/AL-900-7.5 IE3	600		10.30	5.97	5.50	48200	69	-25	50	677	B
CJDXR/AL-900-10 IE3	665		13.90	8.06	7.50	53540	71	-25	50	697	B
CJDXR/AL-900-15 IE3	760		20.90	12.10	11.00	61220	74	-25	50	732	B
CJDXR/AL-900-20 IE3	840		27.90	16.20	15.00	67560	76	-25	50	787	B
CJDXR/AL-900-25 IE3	895		35.10	20.30	18.50	72090	77	-25	50	807	B
CJDXR/AL-900-30 IE3	955		41.00	23.80	22.00	76930	79	-25	50	816	B
CJDXR/AL-900-40 IE3	1055		57.10	33.10	30.00	84890	81	-25	50	999	B
CJDXR/AL-900-50 IE3	1130		66.80	38.70	37.00	91030	82	-25	50	1057	B
CJDXR/AL-900-60 IE3	1200		80.90	46.90	45.00	96670	84	-25	50	1270	B
CJDXR/AL-1000-7.5 IE3	520		10.30	5.97	5.50	55400	70	-25	50	737	B
CJDXR/AL-1000-10 IE3	575		13.90	8.06	7.50	61300	73	-25	50	757	B
CJDXR/AL-1000-15 IE3	650		20.90	12.10	11.00	69515	75	-25	50	792	B
CJDXR/AL-1000-20 IE3	720		27.90	16.20	15.00	77000	77	-25	50	847	B
CJDXR/AL-1000-25 IE3	775		35.10	20.30	18.50	82870	79	-25	50	865	B
CJDXR/AL-1000-30 IE3	820		41.00	23.80	22.00	87695	80	-25	50	874	B
CJDXR/AL-1000-40 IE3	910		57.10	33.10	30.00	97310	83	-25	50	1058	B
CJDXR/AL-1000-50 IE3	975		66.80	38.70	37.00	104270	84	-25	50	1116	B
CJDXR/AL-1000-60 IE3	1040		80.90	46.90	45.00	111220	85	-25	50	1329	B
CJDXR/AL-1000-75 IE3	1100		98.60	57.20	55.00	117640	87	-25	50	1354	B

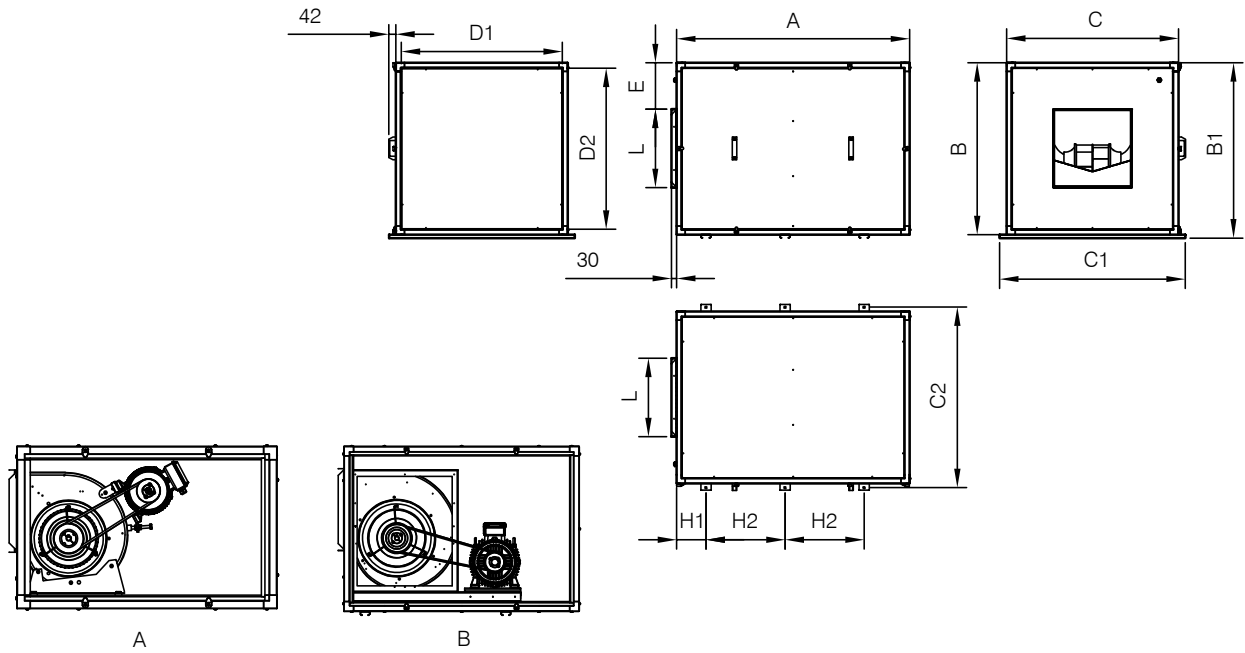
1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.



### Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

**Dimensions mm**

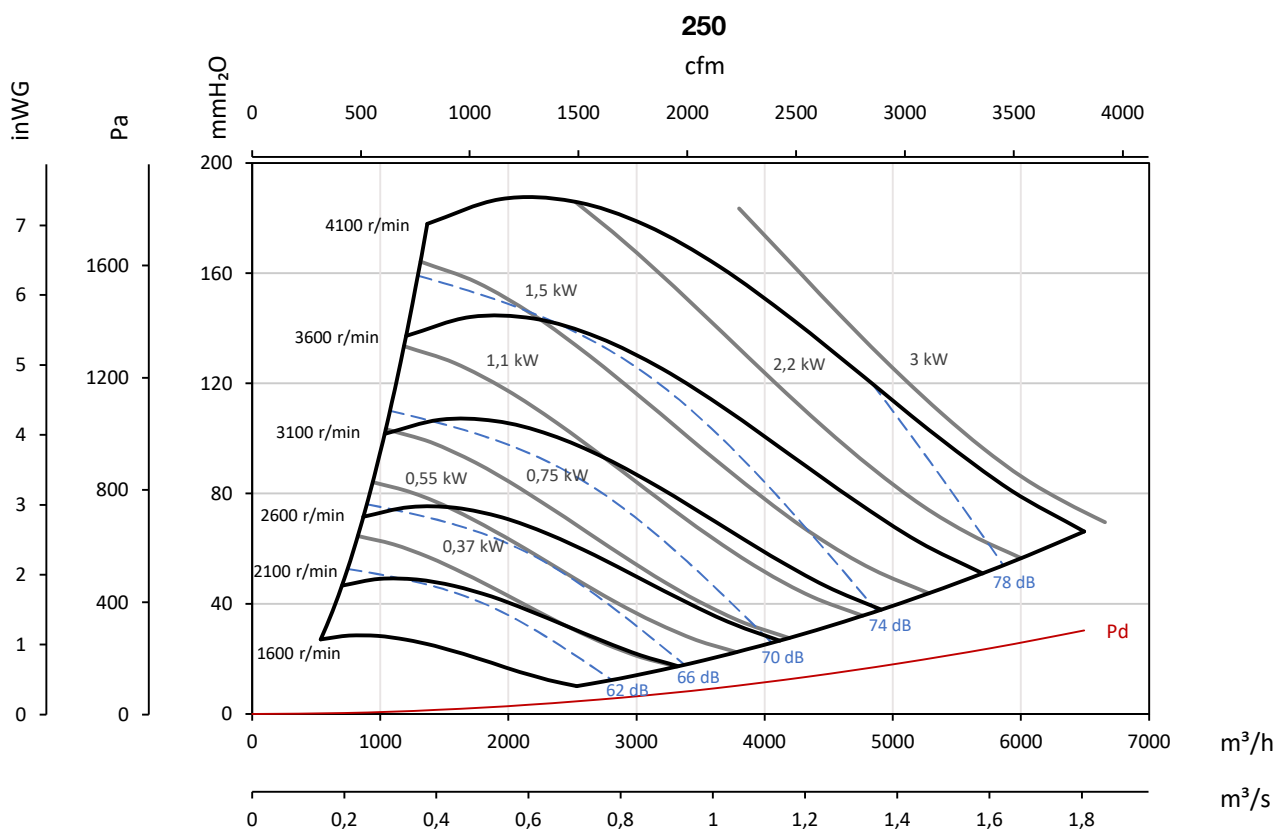
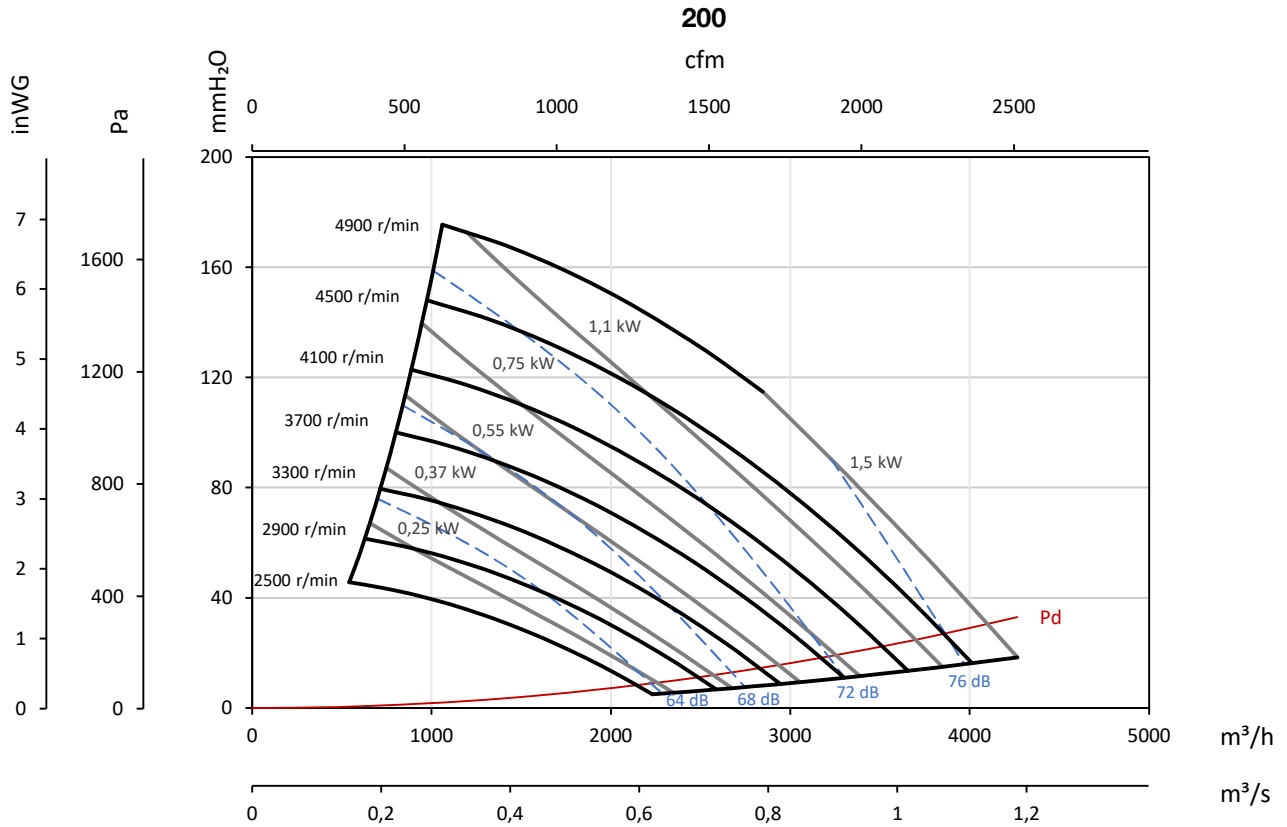


	A	B	B1	C	C1	C2	D1	D2	E	H1	H2	L	Mounting type	Support bench
CJDXR/AL-200	830	490	-	490	-	-	430	430	50	-	-	255	A	-
CJDXR/AL-250	1050	680	-	680	-	-	620	620	150	-	-	325	A	-
CJDXR/AL-315	1220	855	895	855	938	908	795	795	200	230	345	405	B	3
CJDXR/AL-355	1356	1000	1040	1000	1080	1040	940	940	270	170	460	455	B	3
CJDXR/AL-400	1620	1195	1235	1195	1280	1245	1115	1115	365	165	590	510	B	3
CJDXR/AL-450	1700	1250	1290	1250	1350	1320	1170	1170	330	150	650	575	B	3
CJDXR/AL-500	1930	1450	1490	1450	1550	1520	1370	1370	440	160	740	640	B	3
CJDXR/AL-560	1930	1450	1490	1450	1550	1520	1370	1370	330	160	740	720	B	3
CJDXR/AL-630	2080	1670	1710	1670	1770	1740	1590	1590	420	180	810	805	B	3
CJDXR/AL-710	2370	1670	1710	1670	1770	1740	1590	1590	275	200	635	802	B	4
CJDXR/AL-800	2490	1800	1840	1800	1900	1850	1720	1720	230	250	470	1010	B	5
CJDXR/AL-900	2690	1900	1940	1900	2000	1950	1820	1820	130	280	505	1135	B	5
CJDXR/AL-1000	2880	2100	2140	2100	2200	2150	2020	2020	190	320	535	1270	B	5

### Characteristic curves

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

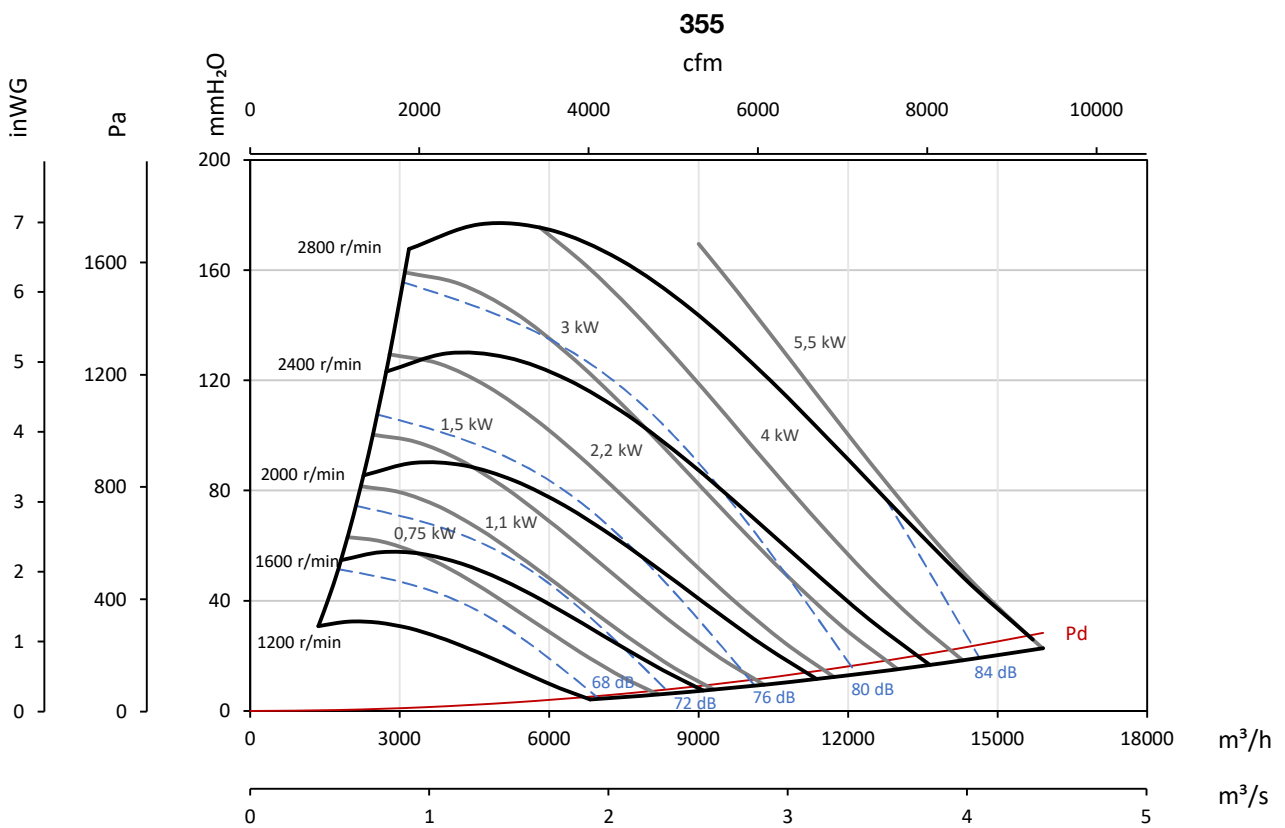
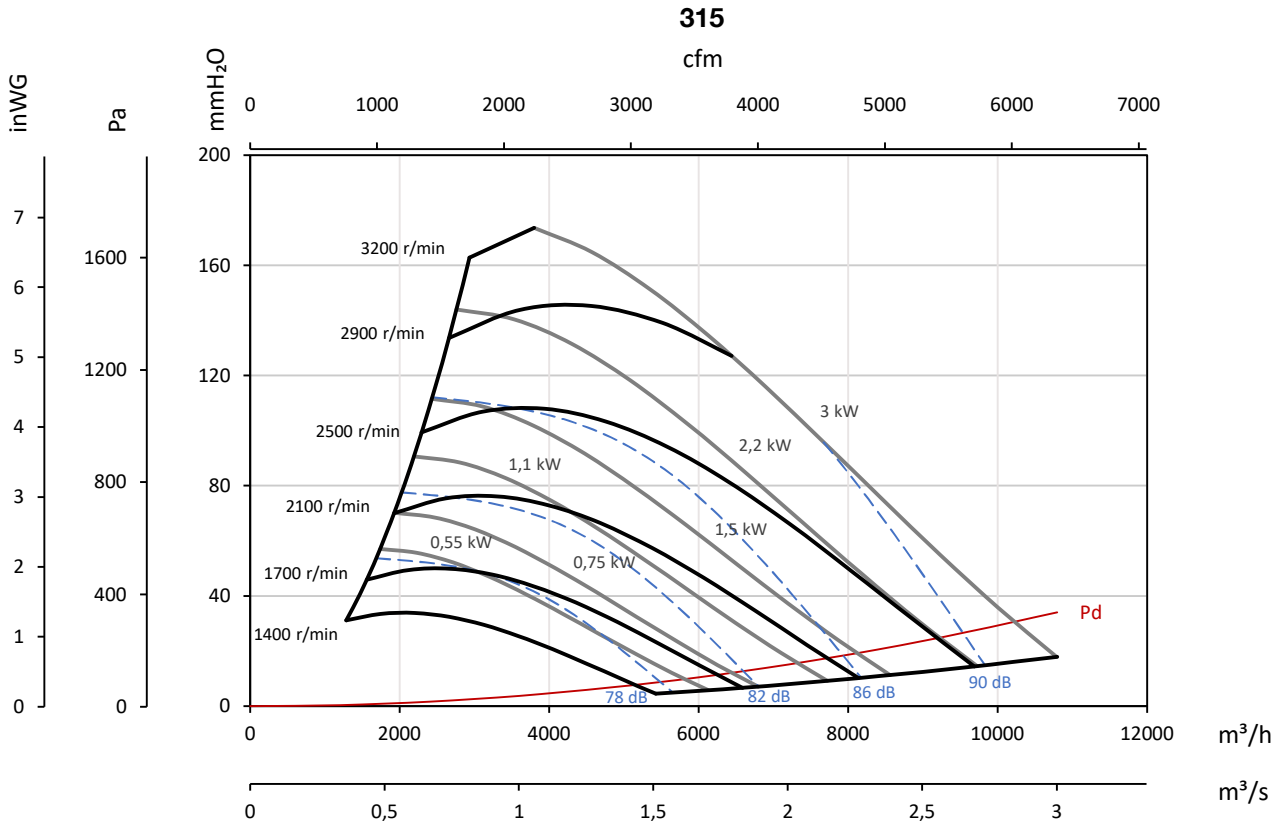
Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg



### Characteristic curves

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

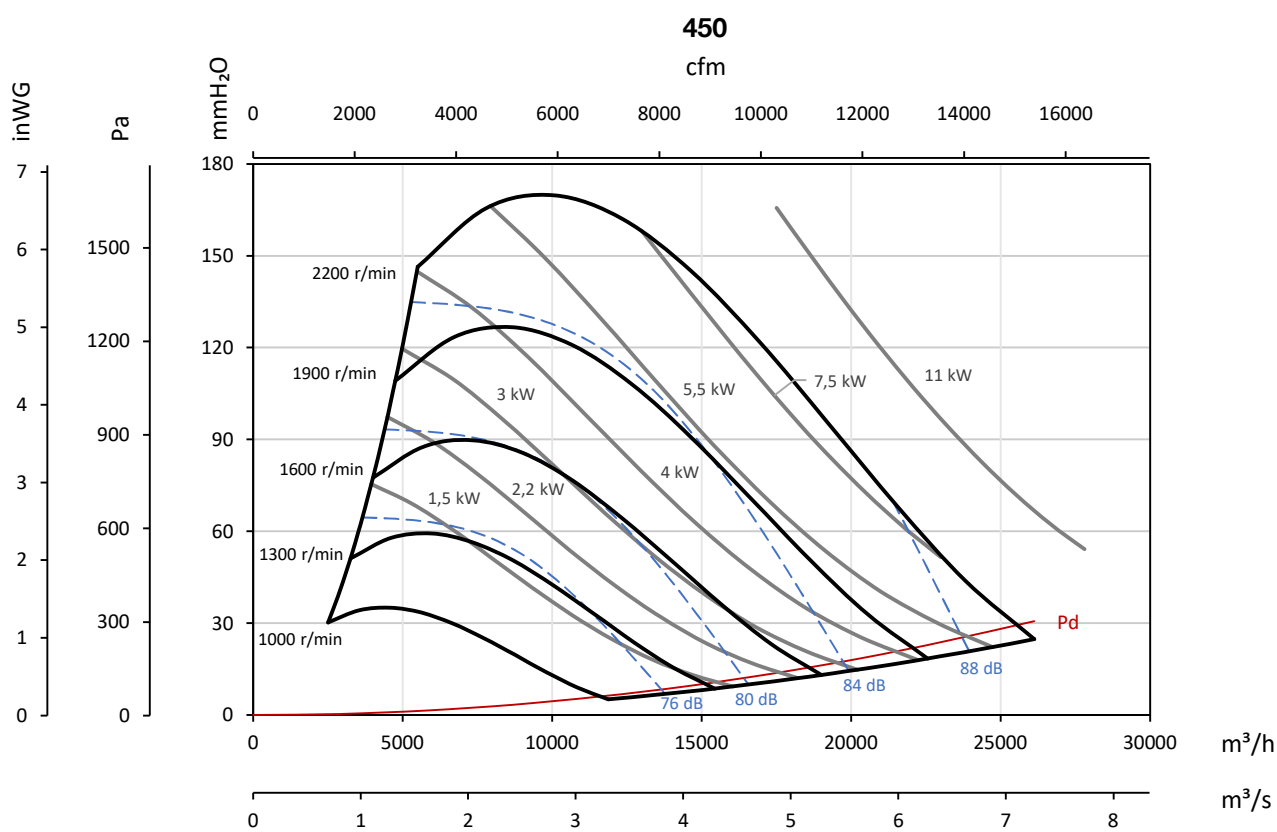
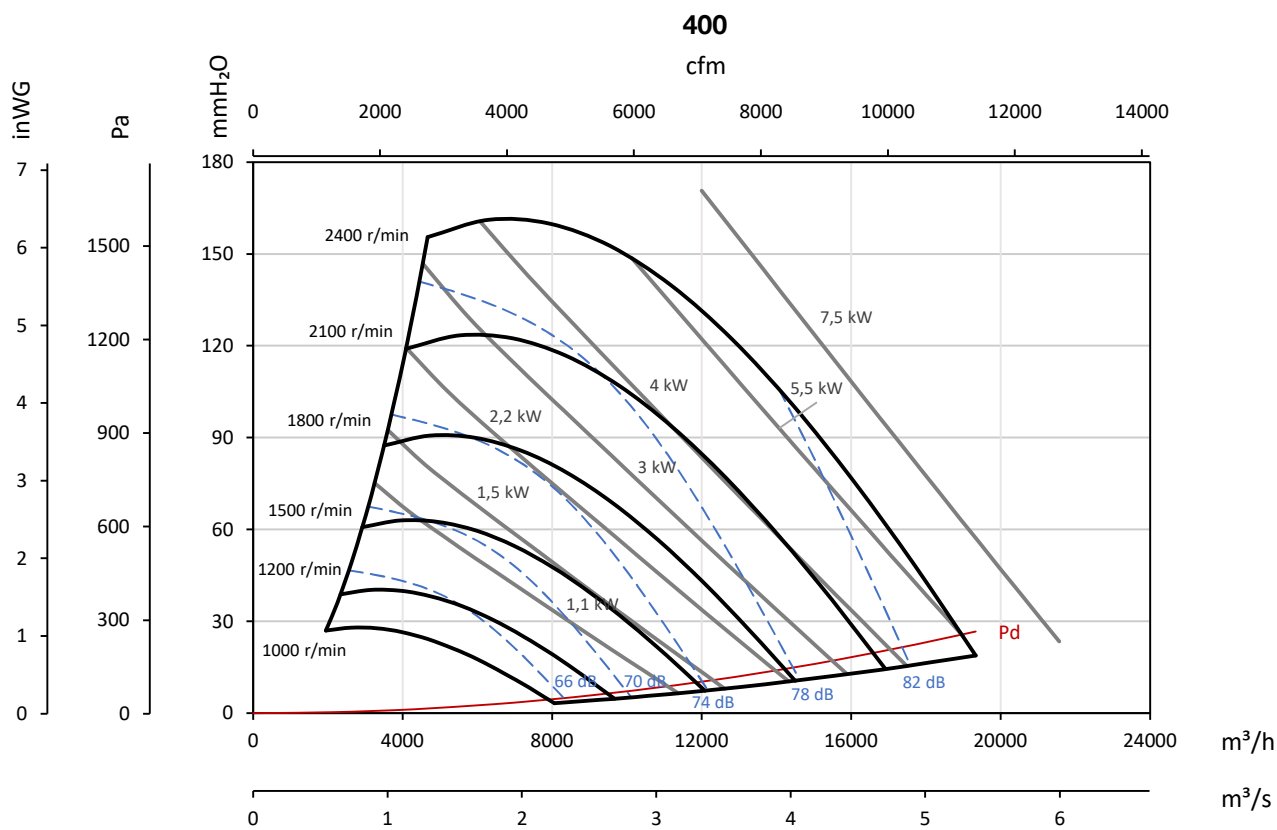
Pe= Static pressure in mm H<sub>2</sub>O, Pa and inWG



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

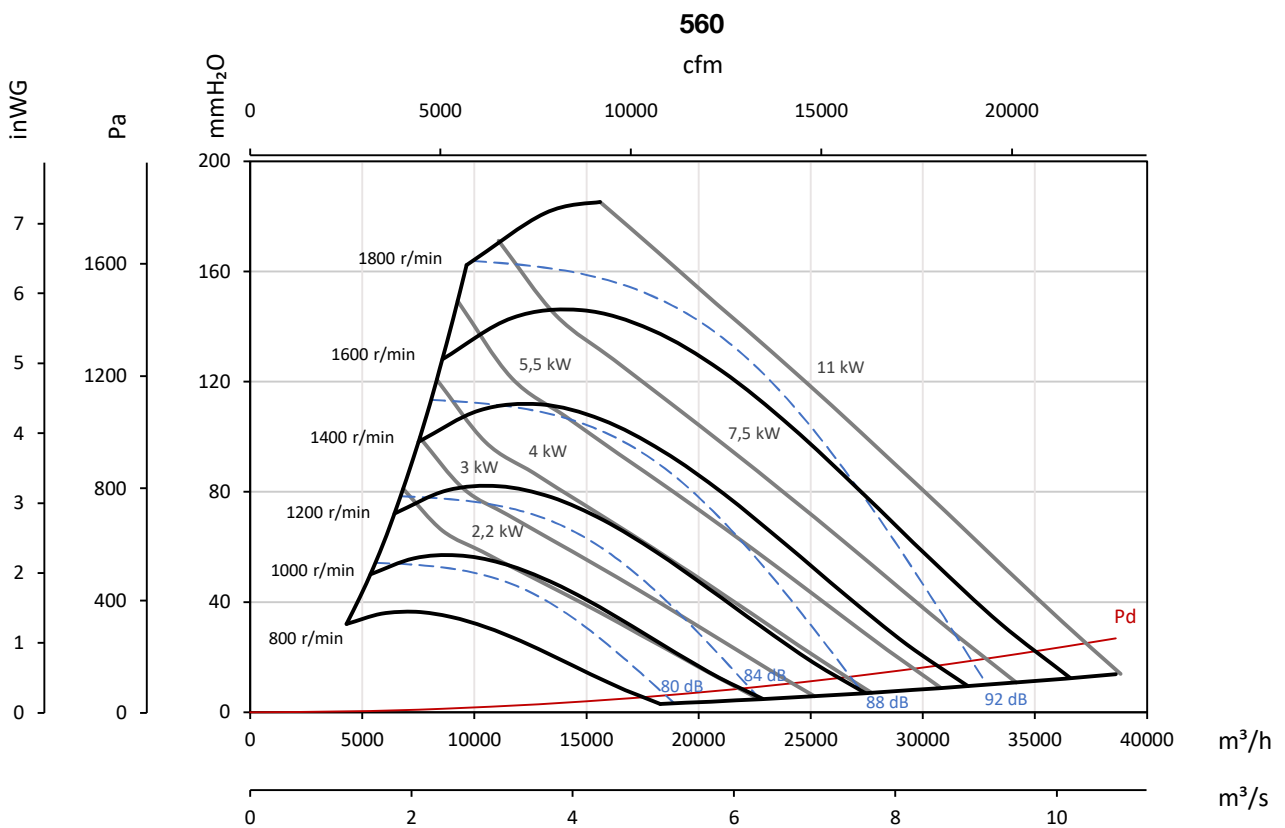
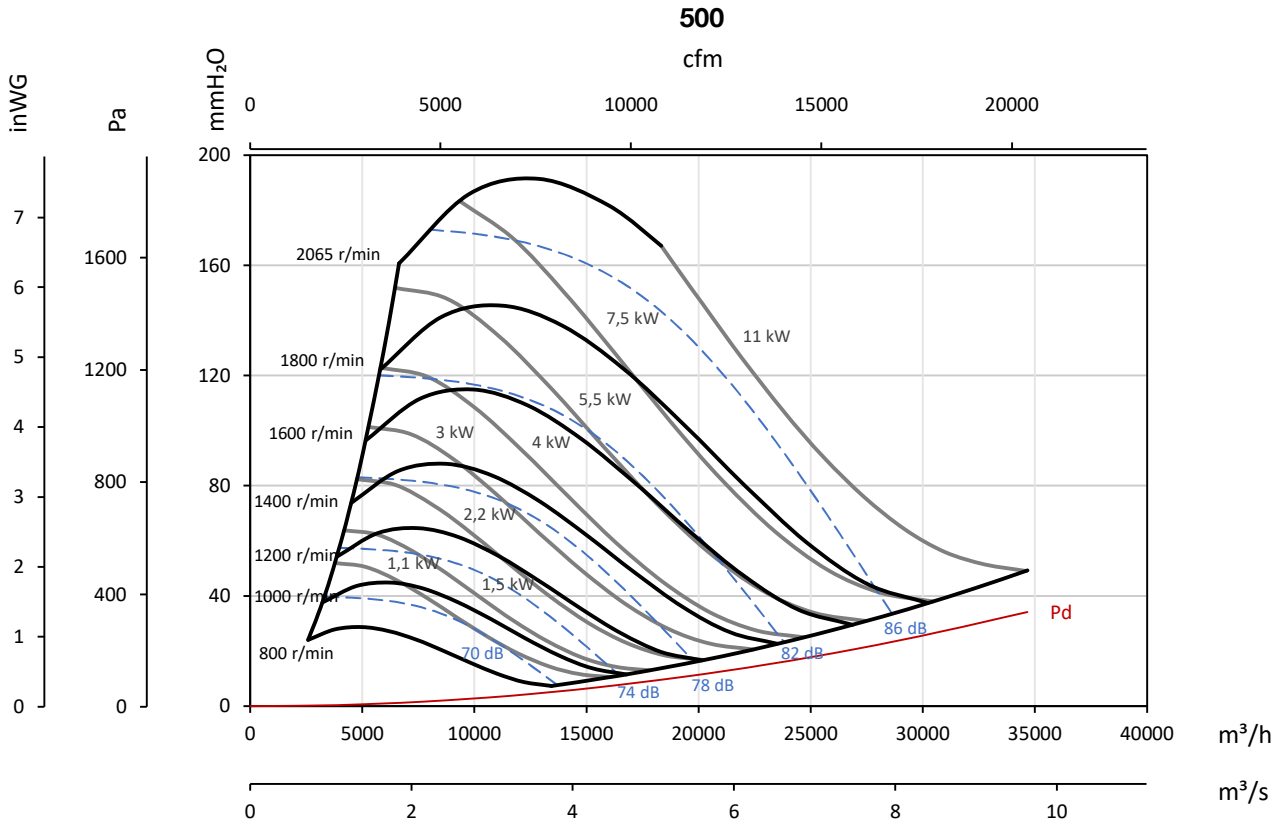
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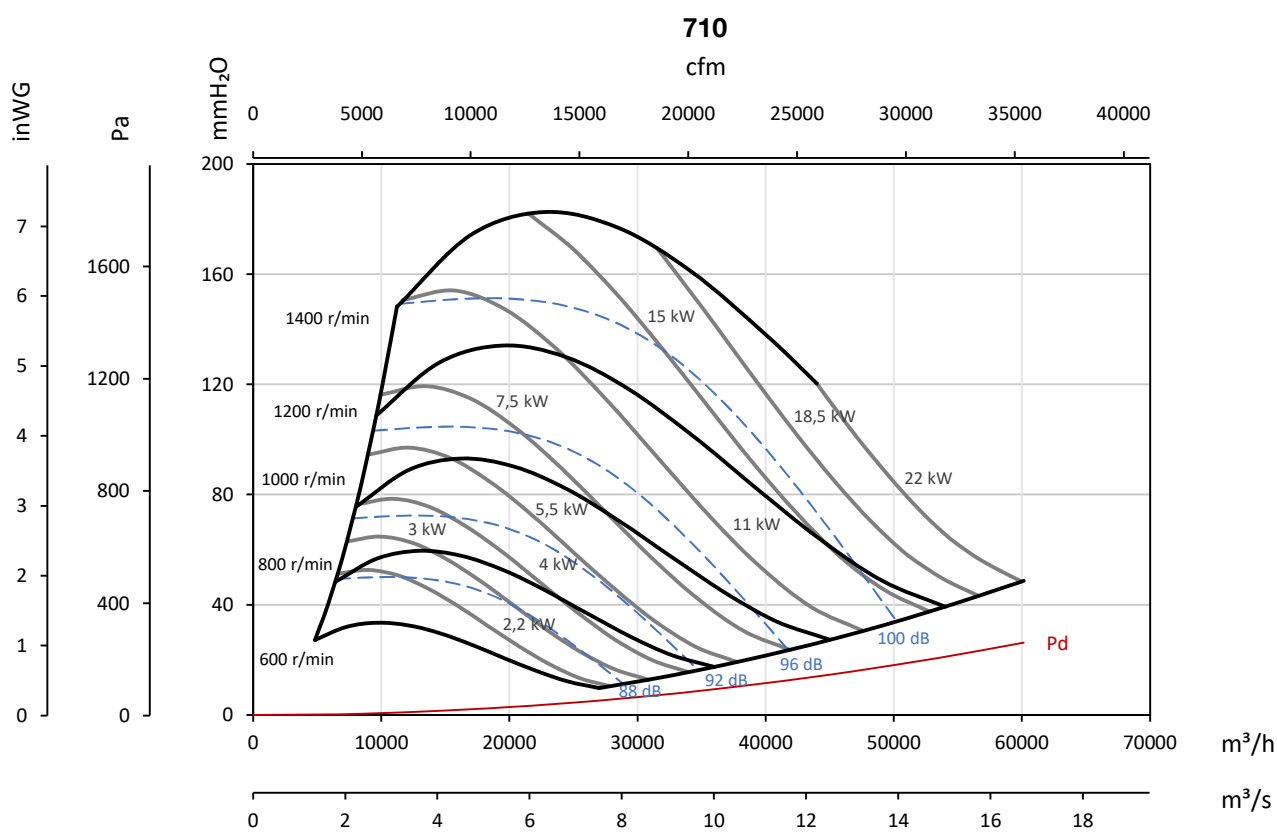
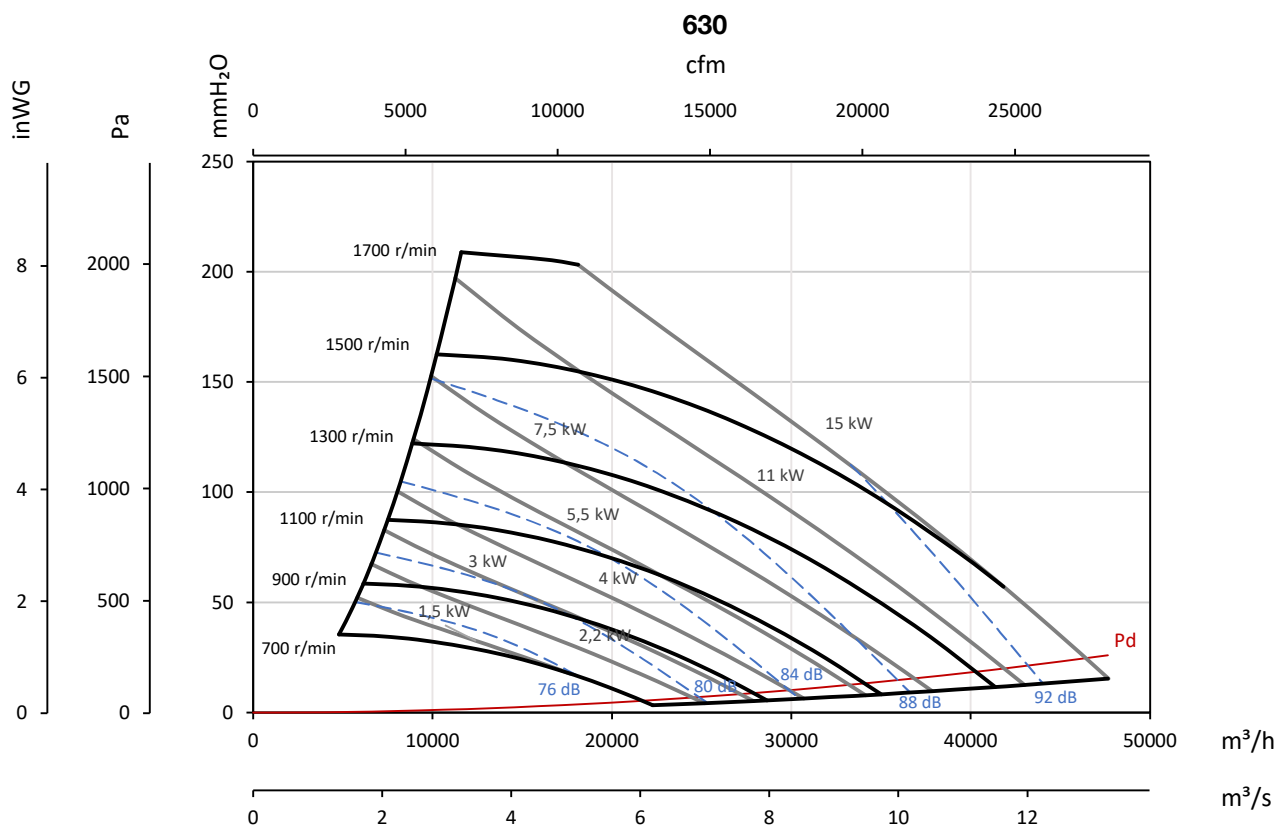




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Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

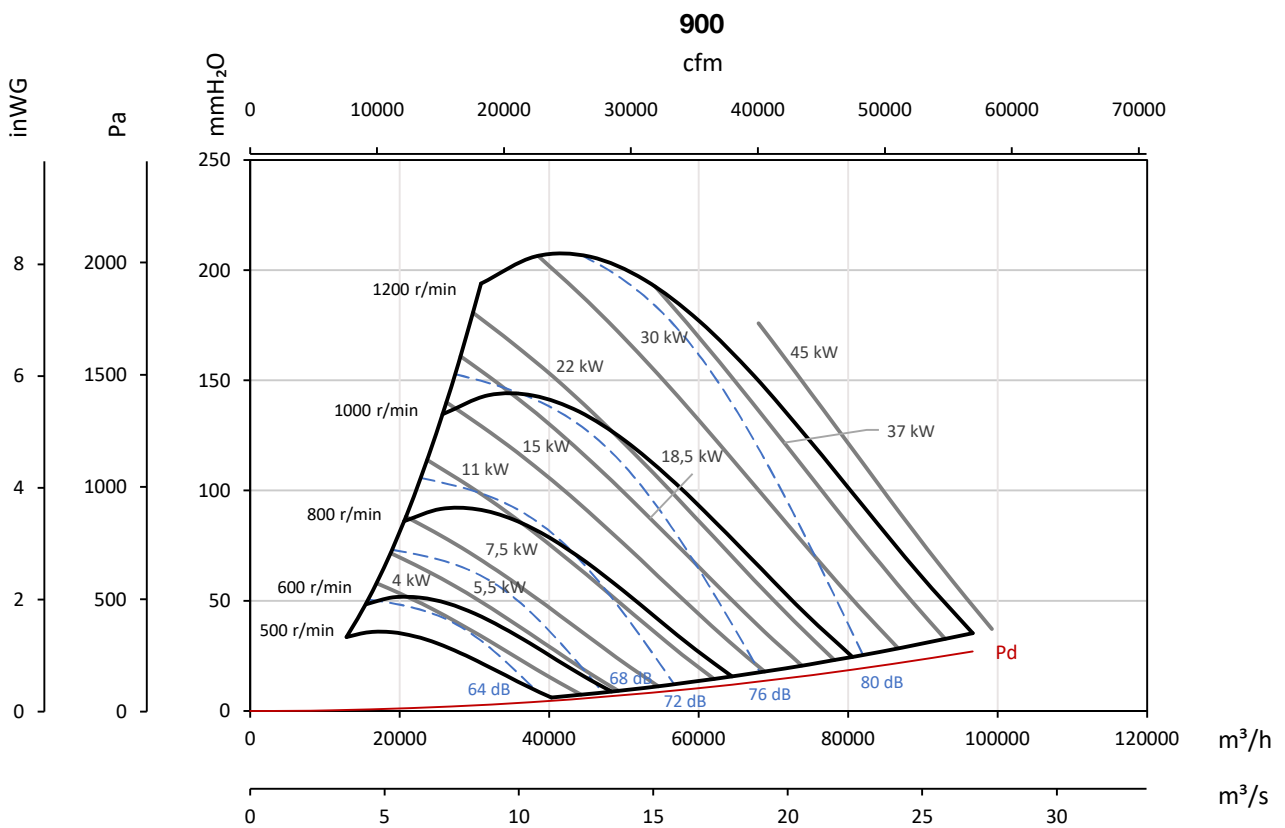
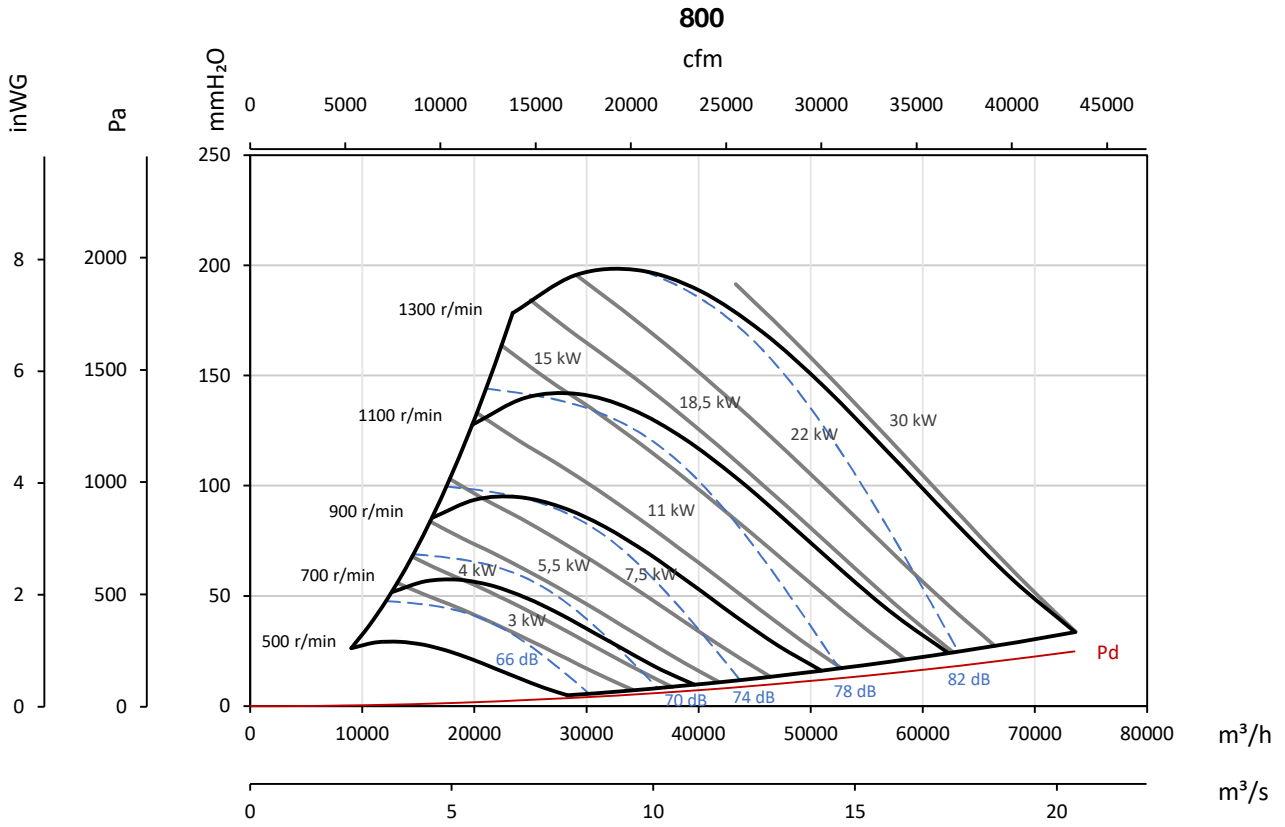
Pe= Static pressure in mm H<sub>2</sub>O, Pa and inWG



### Characteristic curves

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

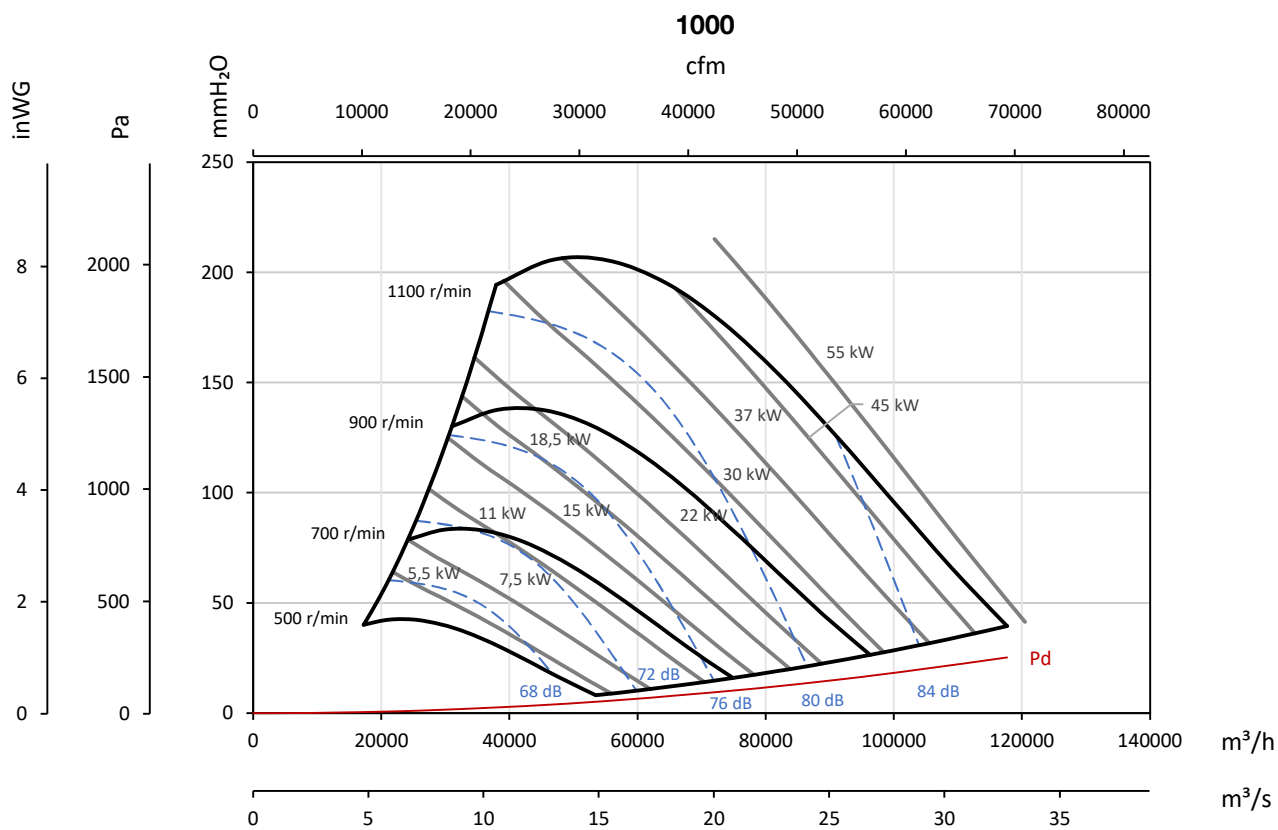
Pe= Static pressure in mm H<sub>2</sub>O, Pa and inWG



### Characteristic curves

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

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### Accessories



INT



VSD3/A-RFT  
- VSD1/A-RFM



AET



VIS



TEJ