



CBX

CBXC

CBXR



CBX CBXC CBXR

Low pressure belt-driven centrifugal fans.

Construction characteristics (CBX)

- Galvanized steel housing and turbine.
- Trapezoidal belt and pulley transmission.
Free axle supported at both ends by permanently greased ball bearings.
The bearings are in a rubber shock absorber to avoid vibration.
- The following available on request:
 - Support bases (PSB)
 - Motor support and belt tensing system (SM) to permit installation of a motor up to 4 HP at 1500 r/min.

Low pressure belt-driven centrifugal fans. CUBIK series

Construction characteristics (CBXC)

- CBX series fans.
- Angular galvanized steel plate frame, electrically welded to reinforce and protect the housing. Highly rigid cubic structure.

Low pressure belt-driven centrifugal fans. REINFORCED series.

Construction characteristics (CBXR)

- CBX series fans.
- Angular galvanized steel plate frame, electrically welded to reinforce and protect the housing. Highly rigid cubic structure.
This construction protects the housing from belt stress.
- Rigid bridge bearings supported in the reinforced structure.

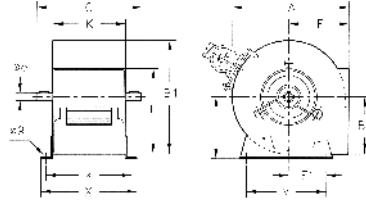
Technical characteristics

Model	Velocity (r/min)	Inches Equivalence	Installed power (kW)	Max. airflow (m ³ /h)	Air temperature (°C)		Approx. weight (Kg)
					min.	max.	
CBX-1919	2200	7/7	1,1	3700	-20	+85	6,0
CBX-2525	2000	9/9	2,2	6200	-20	+85	7,9
CBX-2828	1800	10/10	3,0	7500	-20	+85	9,3
CBX-3333	1400	12/12	3,0	9500	-20	+85	15,2
CBX-3939	1100	15/15	4,0	14400	-20	+85	20,6
CBX-4747	950	18/18	5,5	23500	-20	+85	32,5
CBXC-7/7	2400		1,5	4000	-20	+85	8,2
CBXC-9/9	2100		3,0	7000	-20	+85	10,7
CBXC-10/10	1900		4,0	8000	-20	+85	13,0
CBXC-12/12	1500		4,0	10500	-20	+85	21,0
CBXC-15/15	1200		5,5	16000	-20	+85	38,0
CBXC-18/18	1000		7,5	26000	-20	+85	42,5
CBXR-15/15	1200		5,5	16000	-20	+110	40,0
CBXR-18/18	1000		7,5	26000	-20	+110	45,0
CBXR-20/20	1100		11,0	28000	-20	+110	84,5
CBXR-22/22	900		15,0	34000	-20	+110	95,5
CBXR-25/25	700		15,0	46000	-20	+110	115,0
CBXR-30/28	600		18,5	60000	-20	+110	157,5

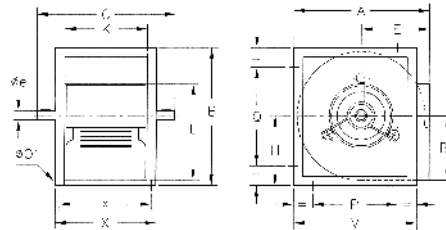


CBX CBXC CBXR

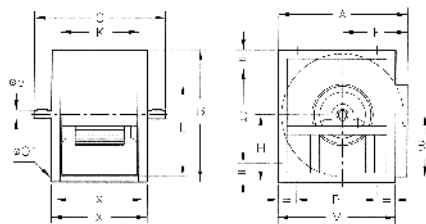
Dimensions mm



Model	Inches Equivalence	A	B1	B2	C	E	E1	Øe	H	K	L	v	X	x
CBX-1919	7/7	316	330	190	360	153	123	20	192	230	206	223	280	252
CBX-2525	9/9	380	392	219	430	181	127	20	224	300	260	274	350	322
CBX-2828	10/10	422	442	247	470	201	130	20	275	326	288	315	376	348
CBX-3333	12/12	492	525	292	580	230	161	25	325	387	341	390	437	409
CBX-3939	15/15	578	613	343	650	264	187	25	378	473	402	455	523	495
CBX-4747	18/18	688	740	415	750	323	238	25	449	540	480	575	590	562



	A	B	B2	C	E	Øe	H	K	L	Ø01	P	Q	V	X	x
CBXC-7/7	322	337	191	360	151	20	191	230	210	9	183	198	292	290	264
CBXC-9/9	388	387	219	430	182	20	219	300	260	9	218	257	308	360	334
CBXC-10/10	426	446	247	470	200	20	247	326	288	9	258	305	398	386	380
CBXC-12/12	499	533	292	560	233	25	292	387	341	9	330	385	469	447	421
CBXC-15/15	583	627	343	650	264	25	343	473	402	9	414	488	553	533	507
CBXC-18/18	697	750	415	750	323	25	415	540	480	9	529	512	667	600	574



	A	B	B2	C	E	Øe	H	K	L	Ø01	P	Q	V	X	x
CBXR-15/15	583	627	343	710	264	25	343	473	402	9	414	488	553	533	507
CBXR-18/18	697	750	415	814	323	25	415	540	480	9	529	612	667	600	574
CBXR-20/20	848	963	525	923	375	35	558	603	603	13	644	819	798	683	641
CBXR-22/22	918	1046	572	976	400	35	605	656	693	12	714	902	868	736	694
CBXR-25/25	1003	1161	640	1085	427	35	673	765	793	13	799	1015	953	845	803
CBXR-30/28	1211	1394	777	1208	517	40	810	888	933	13	1007	1249	1161	968	926

Accessories

See pages 248 onwards.



PSB



SM



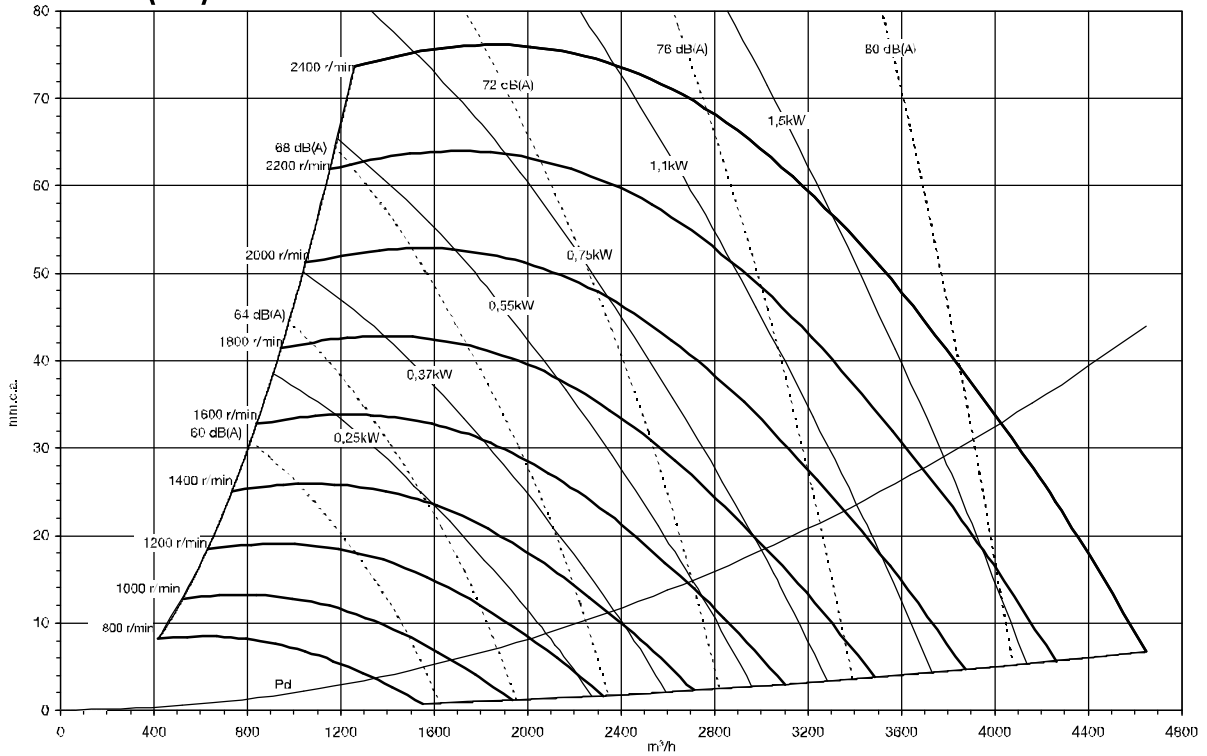


CBX CBXC CBXR

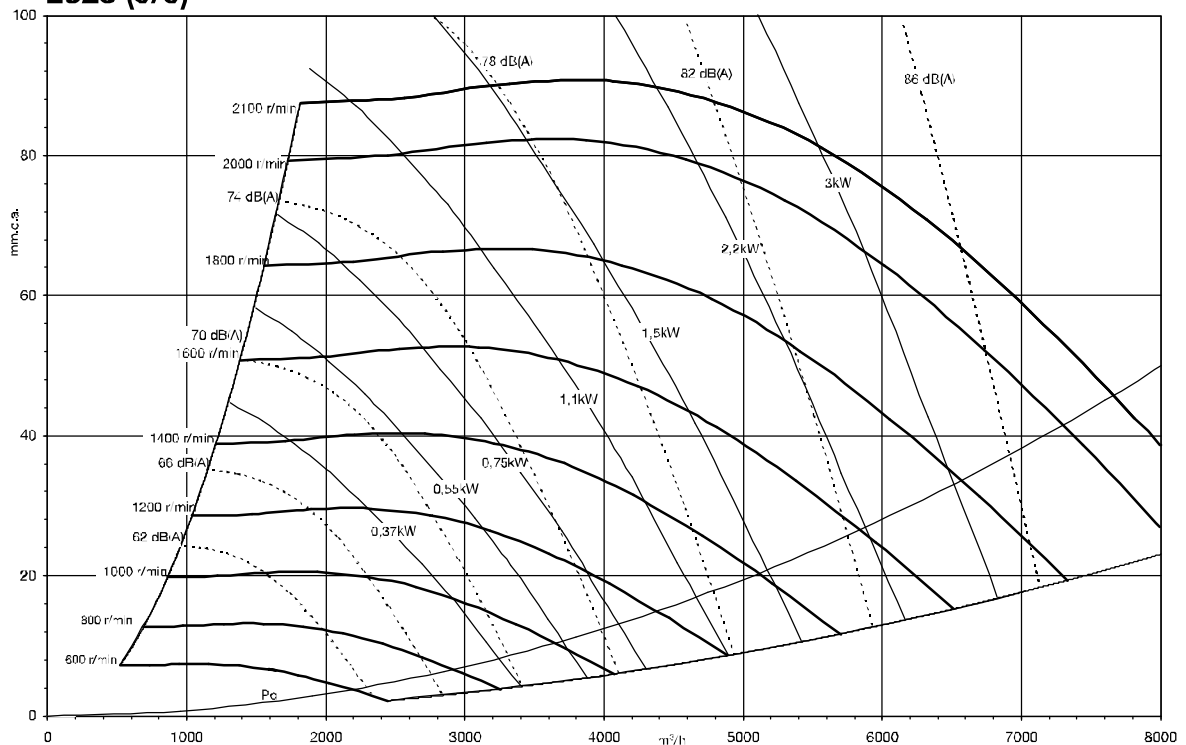
Characteristics Curves

Q = Airflow in m³/h
 Pe = Static pressure in mm.c.a

1919 (7/7)



2525 (9/9)



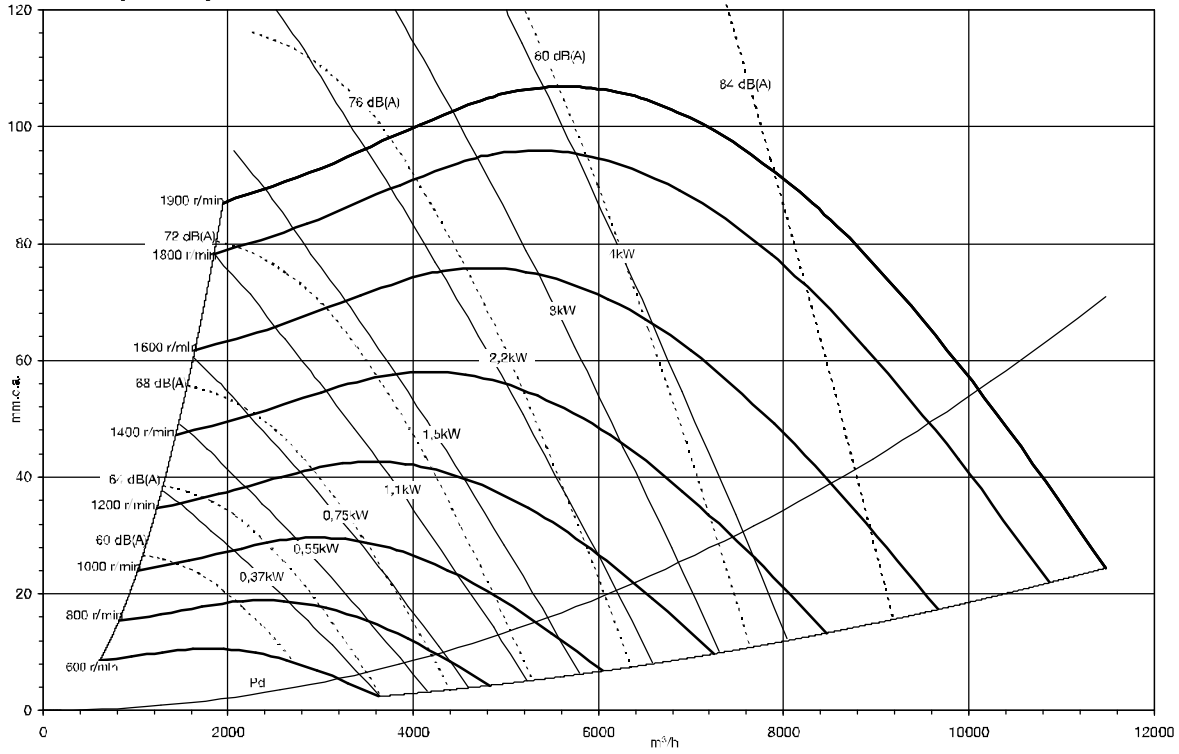


CBX CBXC CBXR

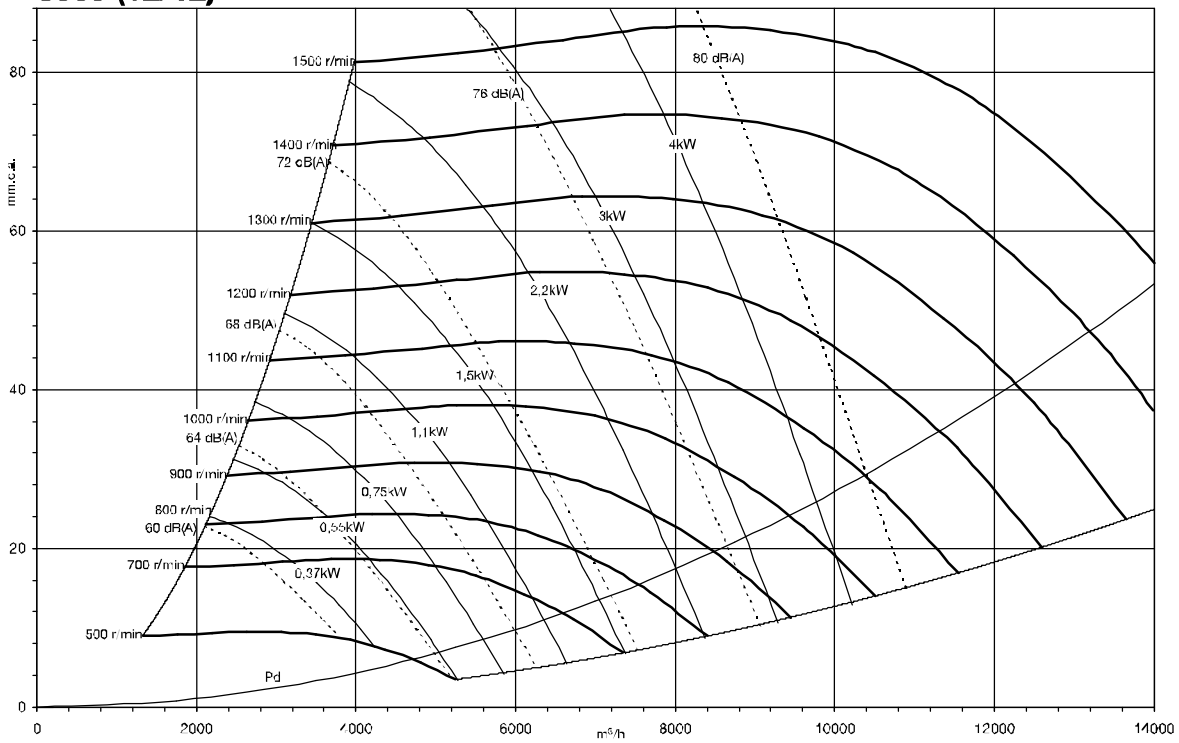
Characteristics Curves

Q = Airflow in m³/h
 Pe = Static pressure in mm.c.a

2828 (10/10)



3333 (12/12)



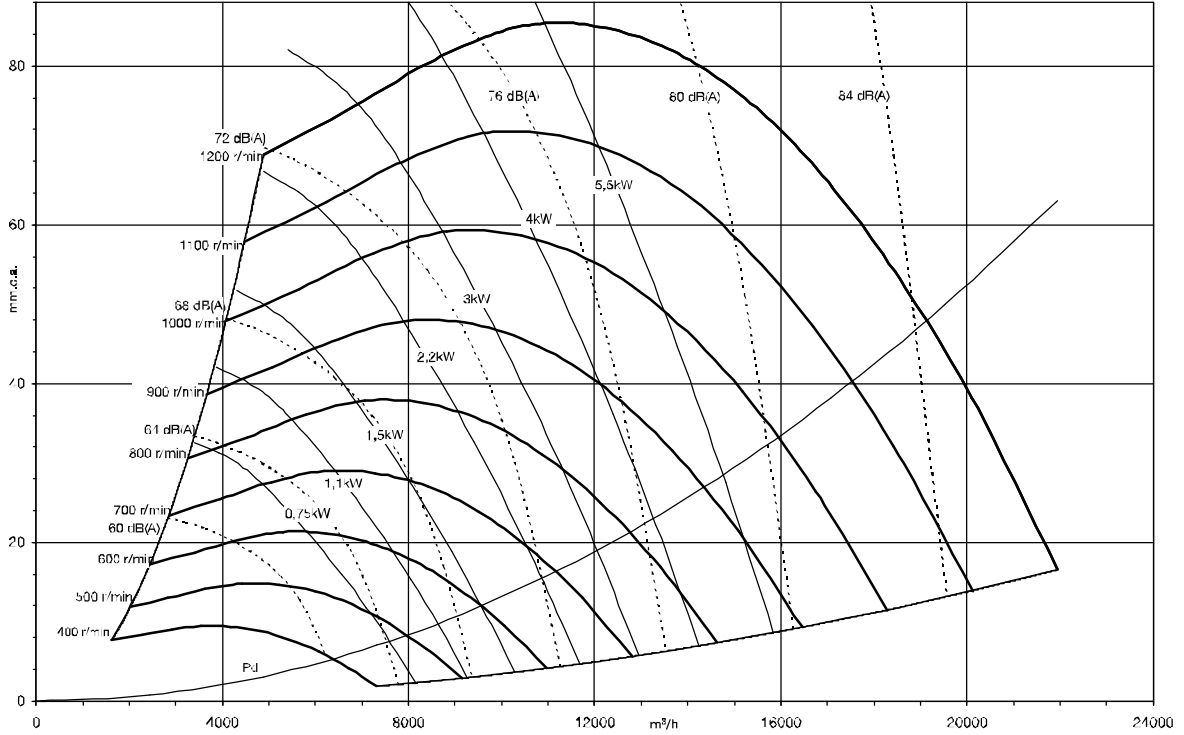


CBX CBXC CBXR

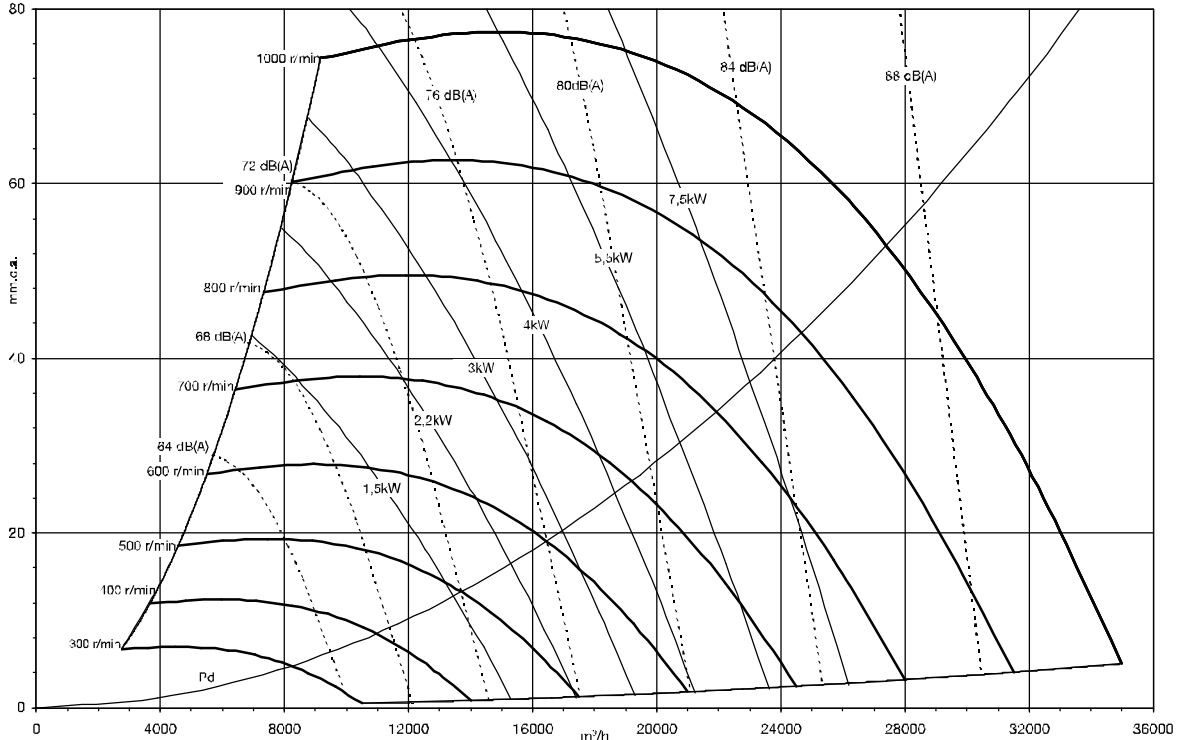
Characteristics Curves

Q = Airflow in m³/h
 Pe = Static pressure in mm.c.a.

3939 (15/15)



4747 (18/18)



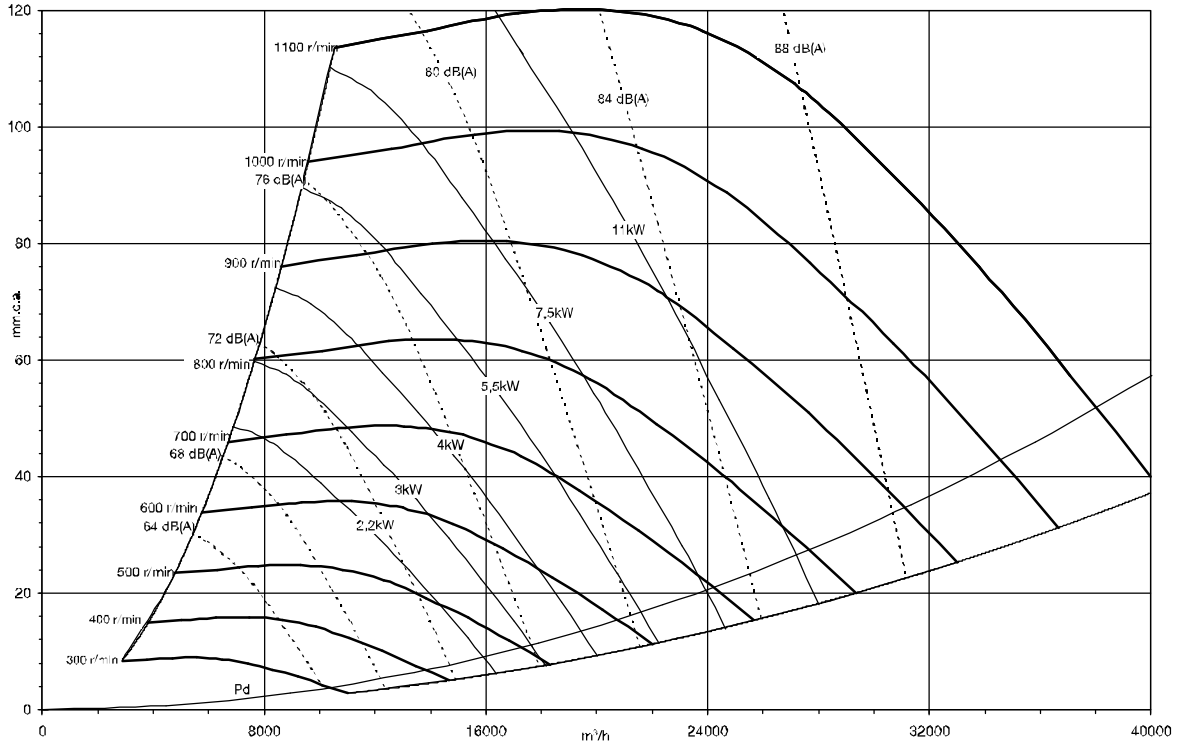


CBX CBXC CBXR

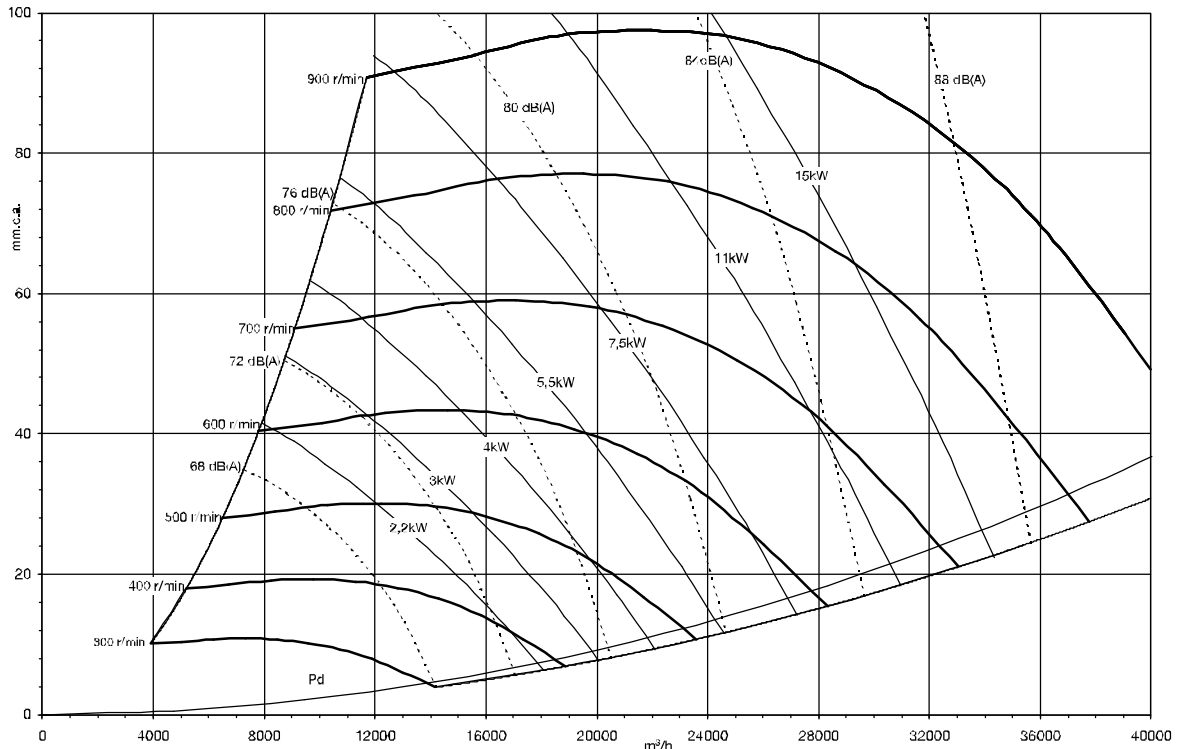
Characteristics Curves

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 Pe = Static pressure in mm.c.a

(20/20)



(22/22)



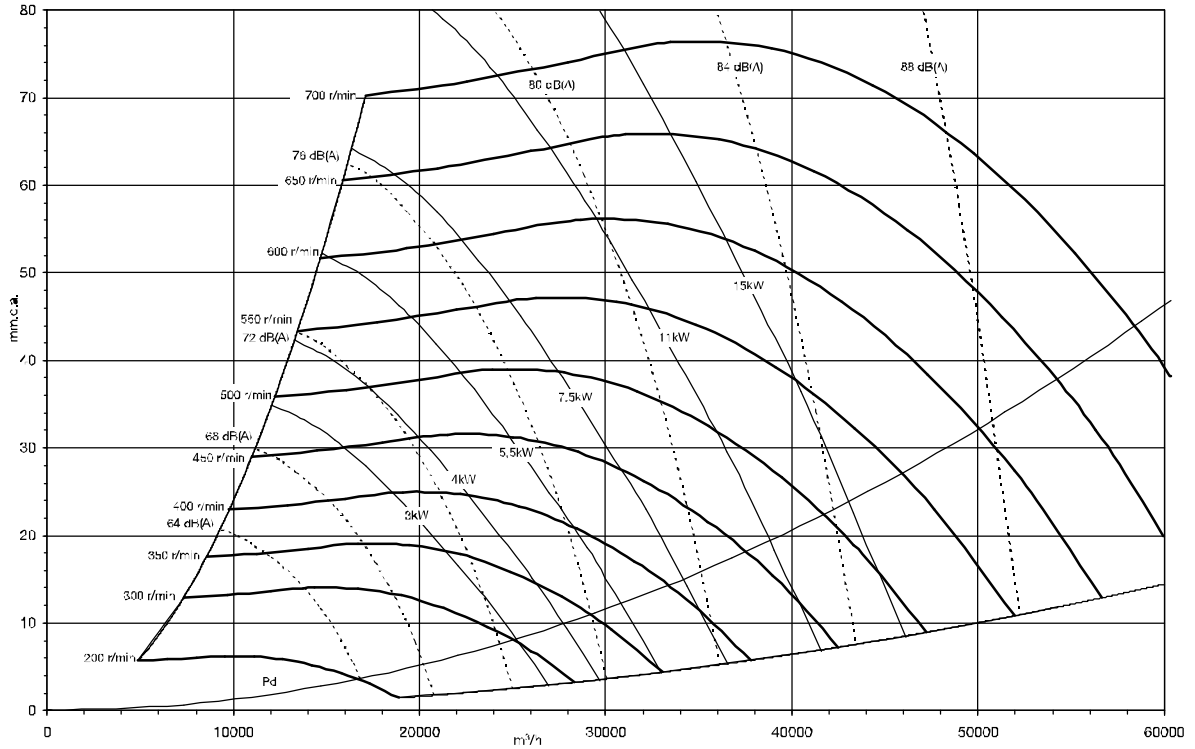


CBX CBXC CBXR

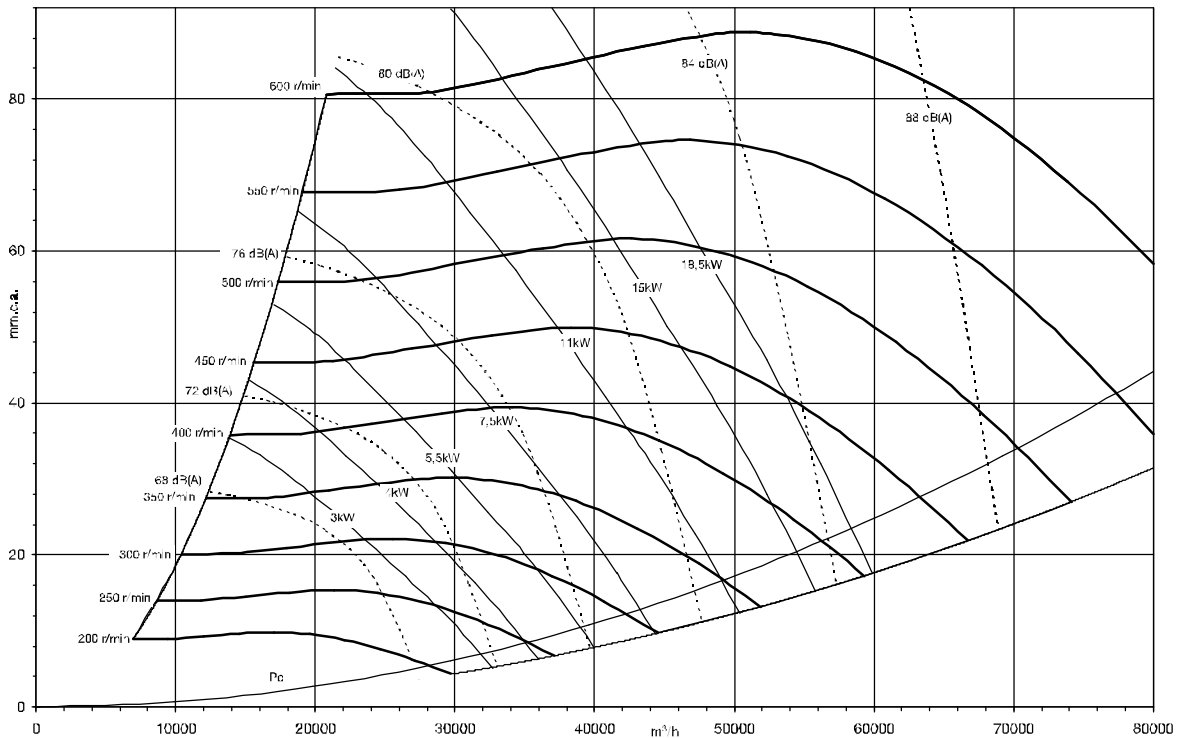
Characteristics Curves

Q = Airflow in m³/h
 Pe = Static pressure in mm.c.a

(25/25)



(30/28)





Low pressure fans built on demand

Complete fans with motor and transmission.



CBX series
7/7 to 18/18 models
up to 4 HP.



CBXC series
15/15 to 30/28 models
from 5.5HP up to 10 HP.



CBXR series
20/20 to 30/28 models
from 15 HP upwards.

Set of TWO fans



CBX-DUPLEX series
7/7 to 18/18 models



CBXC-DUPLEX series
7/7 to 18/18 models



CBXR-DUPLEX series
15/15 to 30/28 models

Set of THREE fans



CBXR-TRIPLEX series
15/15 to 30/28 models

Aspiration-only fans and ventilation units



CBSO series
9/4 to 18/9 models



CBSOR series
20/10 to 30/14 models



CBSO, CBSOR series
complete with motor
9/4 to 30/14 models



CJBSO, CJBSOR series
9/4 to 30/14 models