



CBD-3333-6T 1 1/2/HE

Code: 1009173



Double inlet centrifugal fans with direct drive motors and forward curved impeller

Fan:

- Galvanised steel sheet casing.
- Forward curved impeller in galvanised sheet steel.
- Supplied with PSB support feet.

Motor:

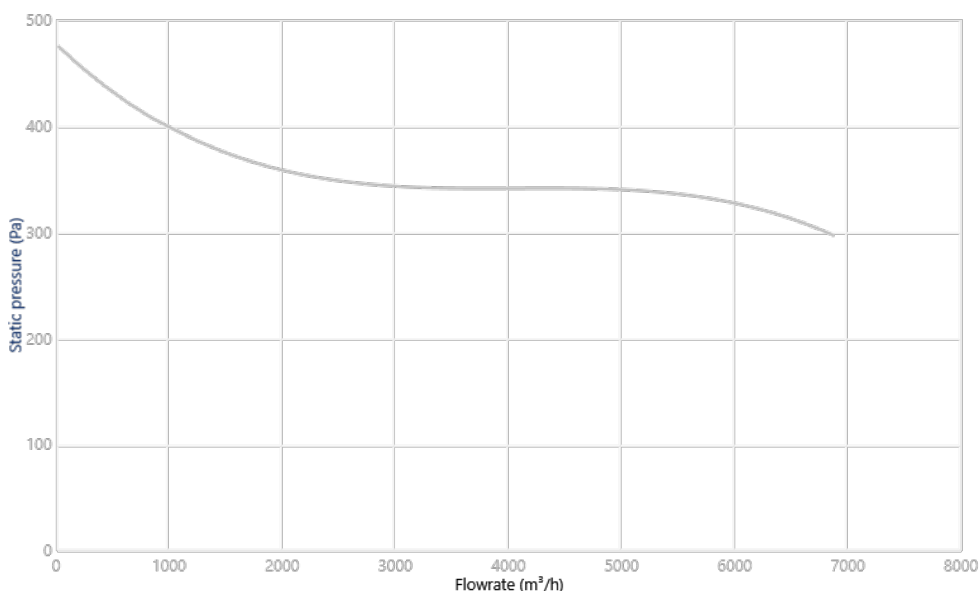
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

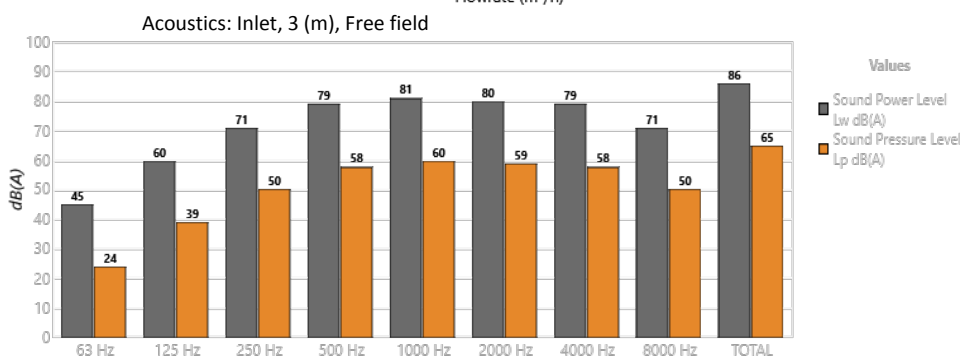


Design Point

Q (m³/h)	
Ps (Pa)	

Service Point (SP)

Q (m³/h)	-
Ps (Pa)	-
Pd (Pa)	-
Pt (Pa)	-



Band	Lw dB(A)	Lp dB(A)
63 Hz	45	24
125 Hz	60	39
250 Hz	71	50
500 Hz	79	58
1000 Hz	81	60
2000 Hz	80	59
4000 Hz	79	58
8000 Hz	71	50
TOTAL	86	65

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	6874
Speed (rpm)	850
Maximum static pressure (Pa)	475
Maximum total pressure (Pa)	475





ERP

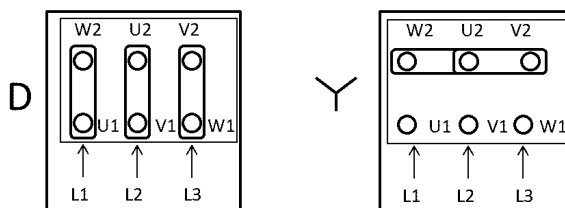
Efficiency	38.7%
Efficiency grade N	44.8
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m ³ /h)	4588

Pressure (Pa)	340
Input power (kW)	1.119
Speed (rpm)	853
Variable speed drive	VSD not necessary
ErP compliance	2015

♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	1.1
Hz/phases	50/3
Motor (rpm)	850
Poles	6P
Max. current (A) 380-415 V	3.8
Max. current (A) 220-240 V	6.6
Motor frame size	90



Data can change, please check motor plate

DIMENSIONS

A	B1	B2	E	E1	H	K	L	UxS	V	X	Z1	Z
493	526	290	230	82	236	387	345	9x16	390	415	70	457

Dimensions without explicitly defined units are shown in millimeters (mm). Dimensions depending on the motor are approximate

Approx. weight (kg)	24.5
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