



CBD-2828-6M 1/3/HE

Code: 1009167



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:

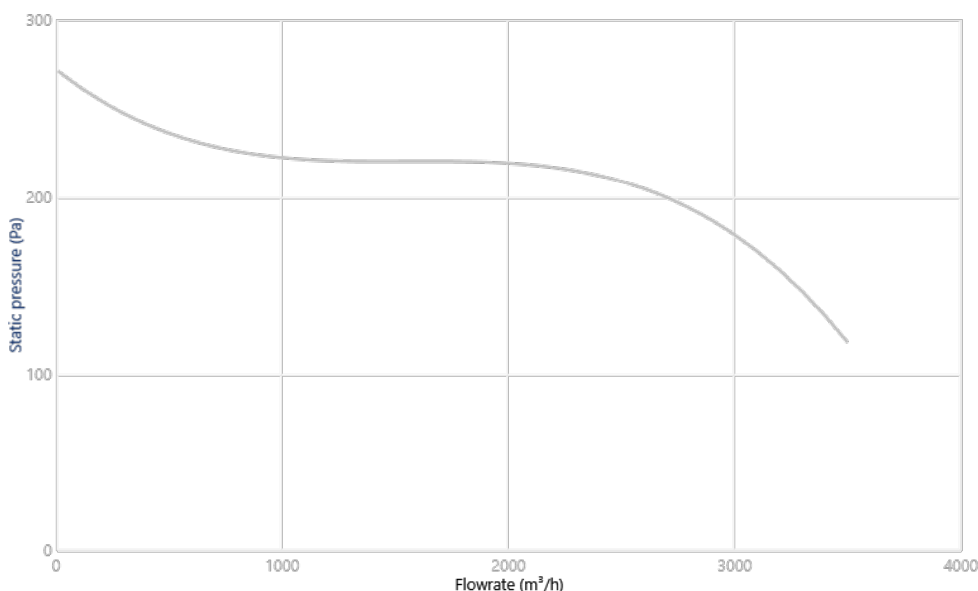
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

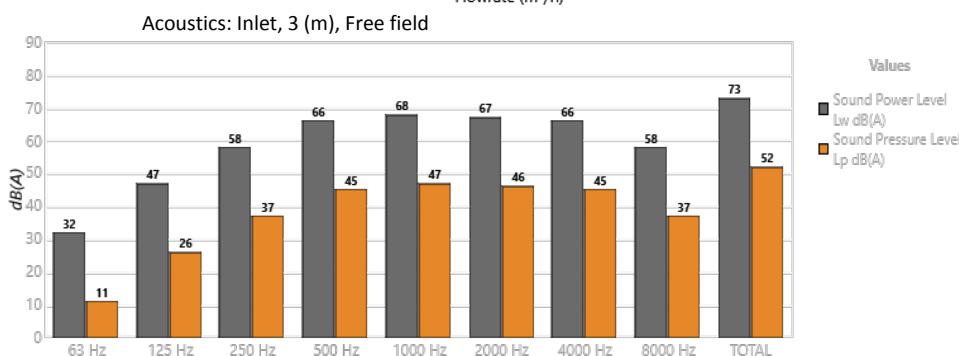


Design Point

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	32	11
125 Hz	47	26
250 Hz	58	37
500 Hz	66	45
1000 Hz	68	47
2000 Hz	67	46
4000 Hz	66	45
8000 Hz	58	37
TOTAL	73	52

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	3500
Speed (rpm)	830
Maximum static pressure (Pa)	270.8
Maximum total pressure (Pa)	270.8





ERP

Efficiency	37.6%
Efficiency grade N	46.7
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m ³ /h)	2336

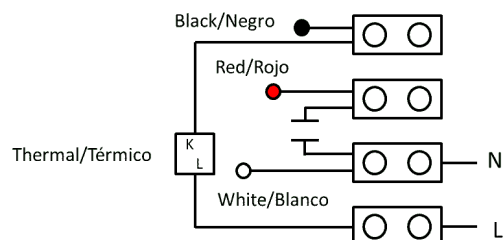
Pressure (Pa)	213
Input power (kW)	0.368
Speed (rpm)	947
Variable speed drive	VSD not necessary
ErP compliance	2015

♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	0.25
Hz/phases	50/1
Motor (rpm)	830
Poles	6P
Max. current (A) 220-240 V	2.2
Motor frame size	80

Data can change, please check motor plate



DIMENSIONS

A	B1	B2	E	E1	H	K	L	UxS	V	X	Z1	Z
422	450	246	202	73	204	326	292	9x16	315	352	45	371

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

Approx. weight (kg)	15.2
---------------------	------

