

CBD-2525-4M 1/2/HE

Code: 1009159



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:

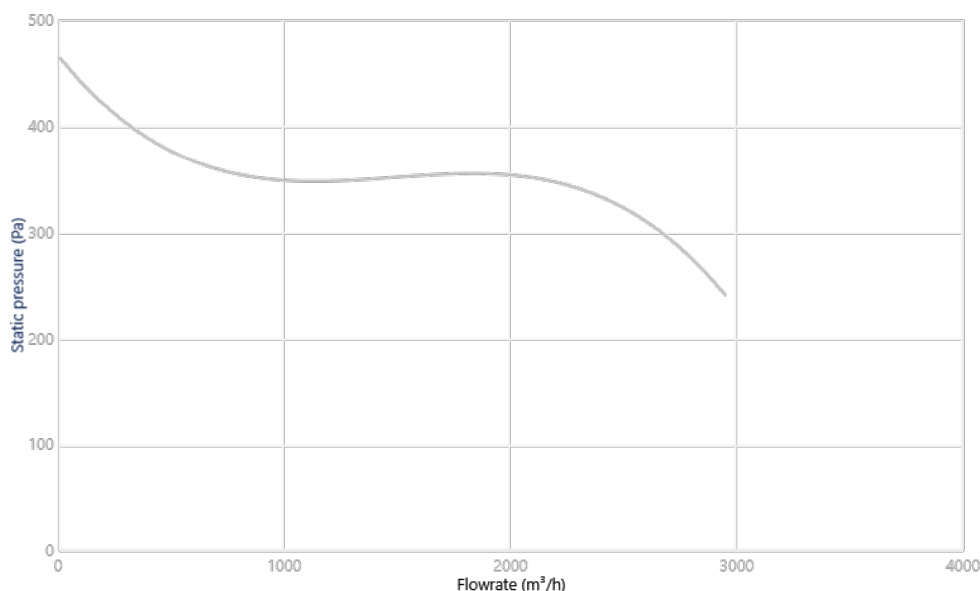
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

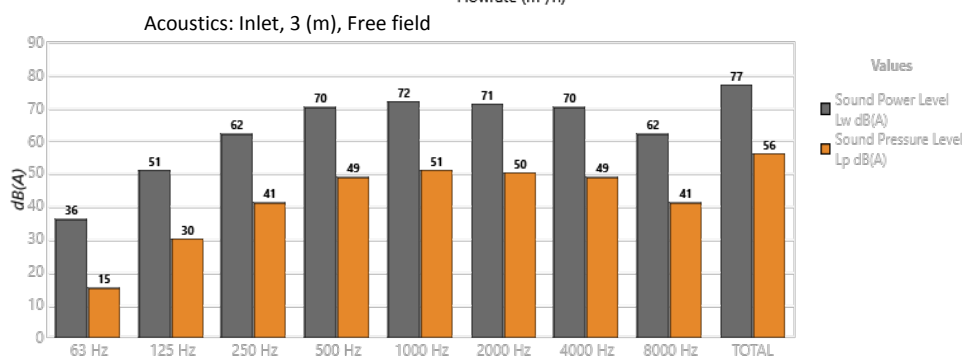


Design Point

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	36	15
125 Hz	51	30
250 Hz	62	41
500 Hz	70	49
1000 Hz	72	51
2000 Hz	71	50
4000 Hz	70	49
8000 Hz	62	41
TOTAL	77	56

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2951
Speed (rpm)	1320
Maximum static pressure (Pa)	464.2
Maximum total pressure (Pa)	464.2

ERP

Efficiency	38.6%
Efficiency grade N	46.9
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m³/h)	1969

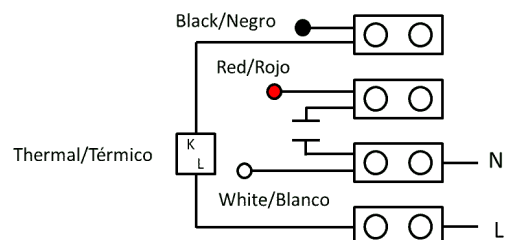
Pressure (Pa)	353
Input power (kW)	0.500
Speed (rpm)	1337
Variable speed drive	VSD not necessary
ErP compliance	2015

♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	0.37
Hz/phases	50/1
Motor (rpm)	1320
Poles	4P
Max. current (A) 220-240 V	3.3
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
380	400	218	183	78	182	300	263	9x16	275	328	57	357

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

Approx. weight (kg)	13.2
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