



# CBD-2525-4M 3/4/HE

Code: 1009160



## 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:

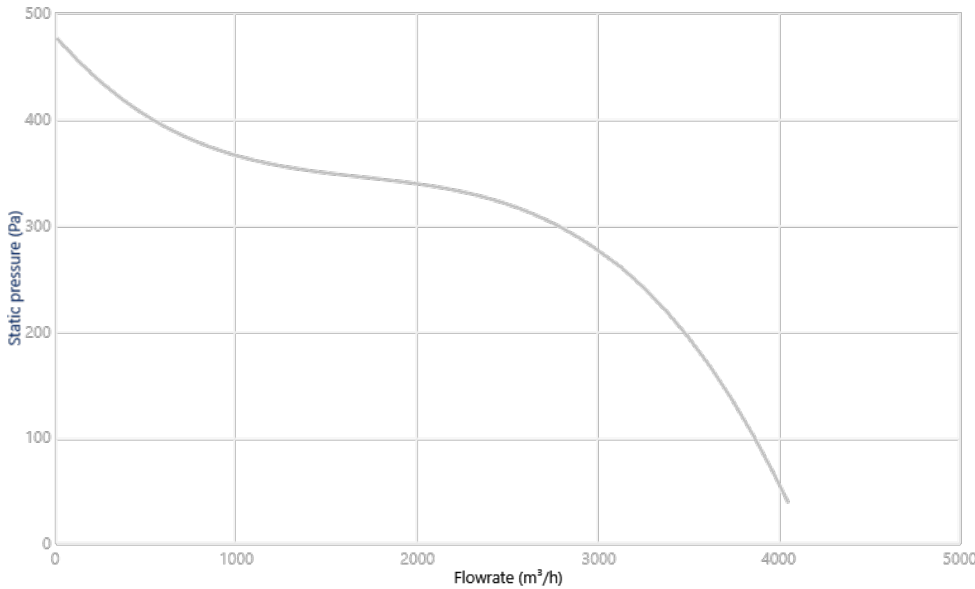
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

### Finish:

- Galvanised steel sheet.



## CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M<sup>3</sup>

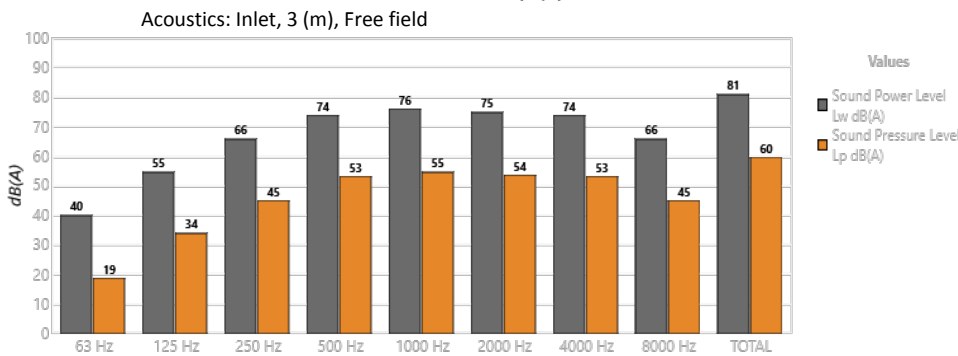


### Design Point

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	40	19
125 Hz	55	34
250 Hz	66	45
500 Hz	74	53
1000 Hz	76	55
2000 Hz	75	54
4000 Hz	74	53
8000 Hz	66	45
TOTAL	81	60

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	4050
Speed (rpm)	1310
Maximum static pressure (Pa)	475.8
Maximum total pressure (Pa)	475.8





ERP

Efficiency	39.2%
Efficiency grade N	47.3
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m <sup>3</sup> /h)	2254

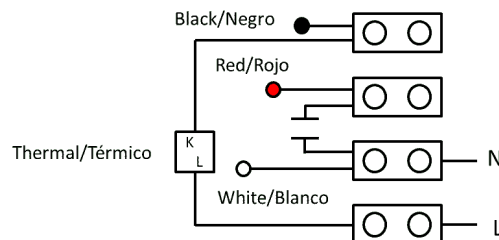
Pressure (Pa)	331
Input power (kW)	0.528
Speed (rpm)	1356
Variable speed drive	VSD not necessary
ErP compliance	2015

♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	0.55
Hz/phases	50/1
Motor (rpm)	1310
Poles	4P
Max. current (A) 220-240 V	4.5
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)	14
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