



# 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:

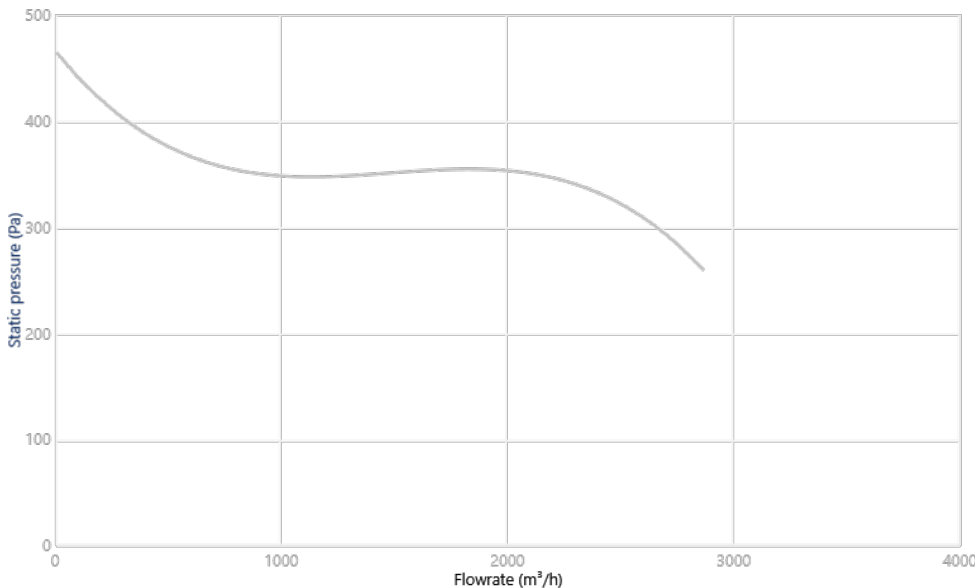
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

### Finish:

- Galvanised steel sheet.



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



### Design Point

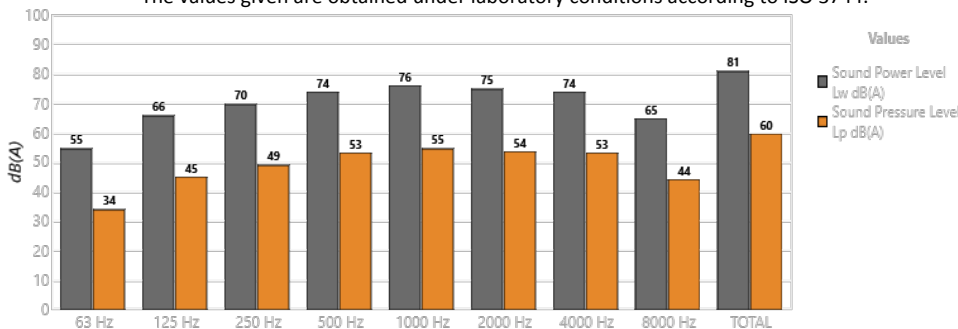
Q (m³/h)	
Ps (Pa)	

### Service Point (SP)

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

Acoustics: Radiated, 3 (m), Free field

The values given are obtained under laboratory conditions according to ISO 3744.



Band	Lw dB(A)	Lp dB(A)
63 Hz	55	34
125 Hz	66	45
250 Hz	70	49
500 Hz	74	53
1000 Hz	76	55
2000 Hz	75	54
4000 Hz	74	53
8000 Hz	65	44
TOTAL	81	60

## TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	2870
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

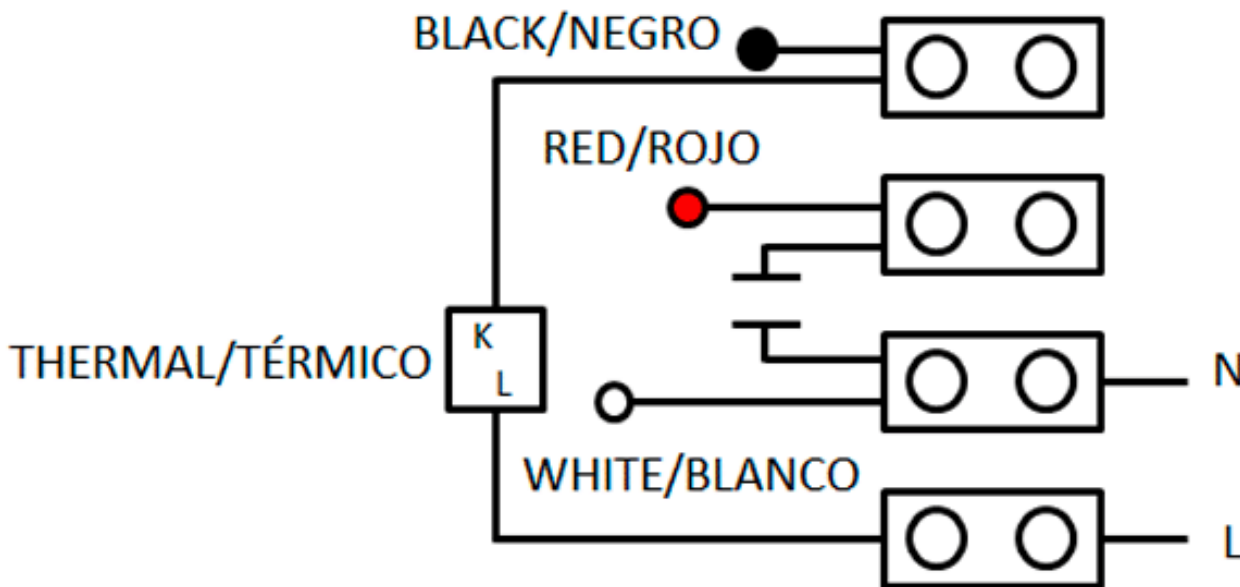
♦ Data established at point of optimum efficiency

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
---------------------	------

