



CBD-1919-4M 1/5/HE

Code: 1009155



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:

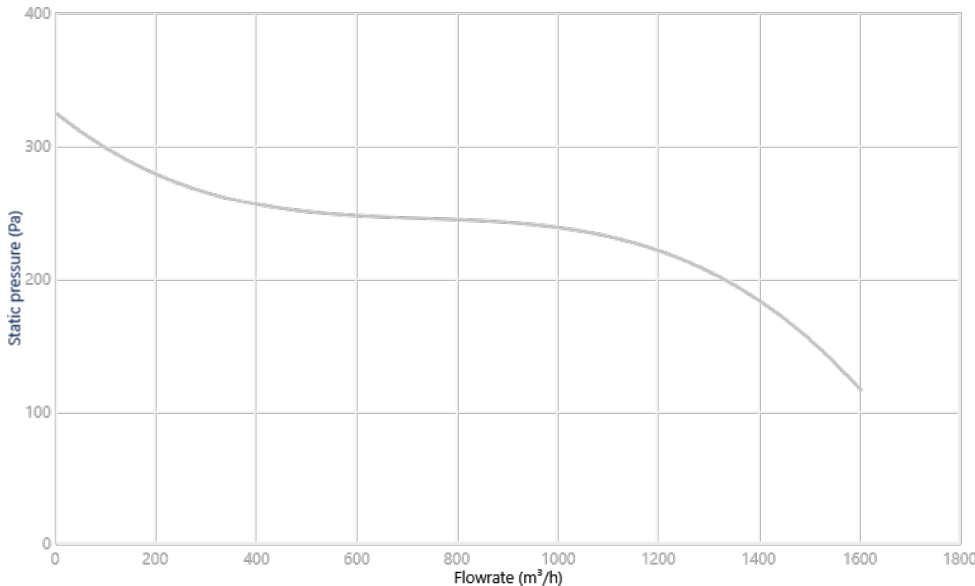
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

Finish:

- Galvanised steel sheet.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³



Design Point

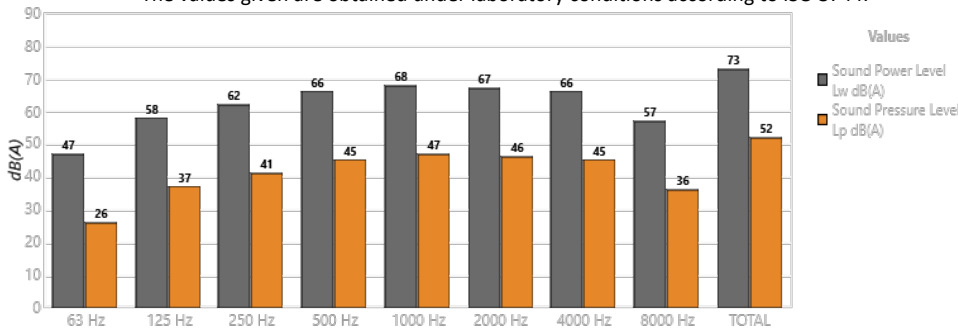
Q (m³/h)	
Ps (Pa)	

Service Point (SP)

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

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	47	26
125 Hz	58	37
250 Hz	62	41
500 Hz	66	45
1000 Hz	68	47
2000 Hz	67	46
4000 Hz	66	45
8000 Hz	57	36
TOTAL	73	52

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	1604
Speed (rpm)	1230
Maximum static pressure (Pa)	324
Maximum total pressure (Pa)	324





ERP

Efficiency	33.4%
Efficiency grade N	44.0
Measurement category	A
Efficiency category	Static
Specific ratio	1.00
Flowrate (m³/h)	1070

Pressure (Pa)	233
Input power (kW)	0.208
Speed (rpm)	1394
Variable speed drive	VSD not necessary
ErP compliance	2015

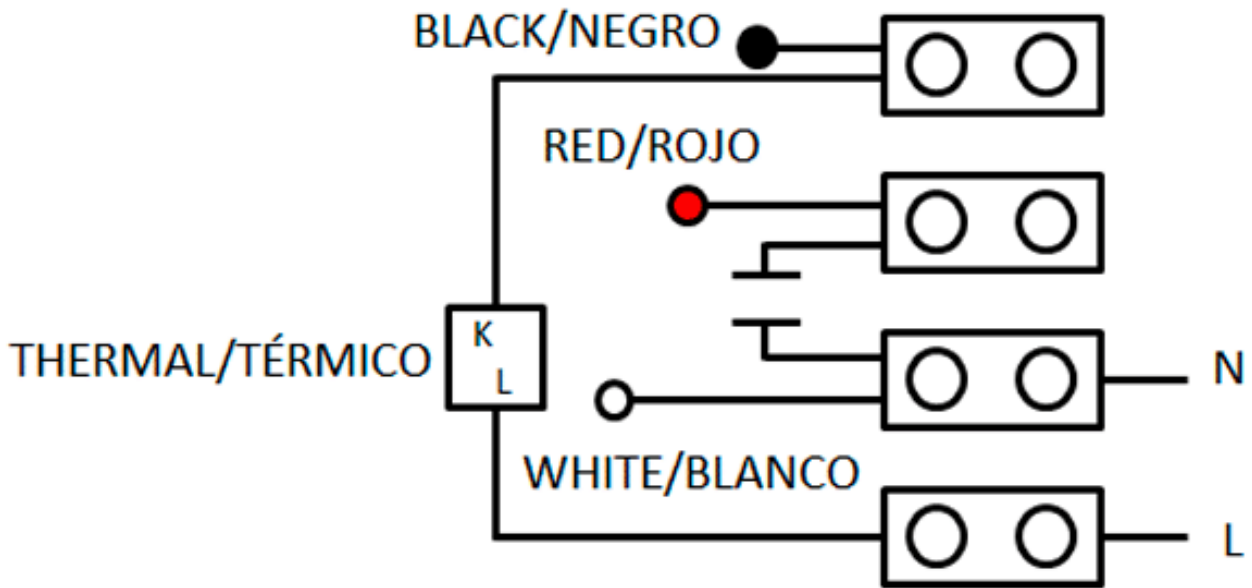
♦ Data established at point of optimum efficiency

MOTOR DATA

Rated Mechanical Power (kW)	0.15
Hz/phases	50/1
Motor (rpm)	1230

Poles	4P
Max. current (A) 220-240 V	1.4
Motor frame size	63

Data can change, please check motor plate



DIMENSIONS

A	B1	B2	E	E1	H	K	L	UxS	V	X	Z1	Z
315	333	189	152	64	144	230	208	9x16	225	258	70	300

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

Approx. weight (kg)	7
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