



# 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:

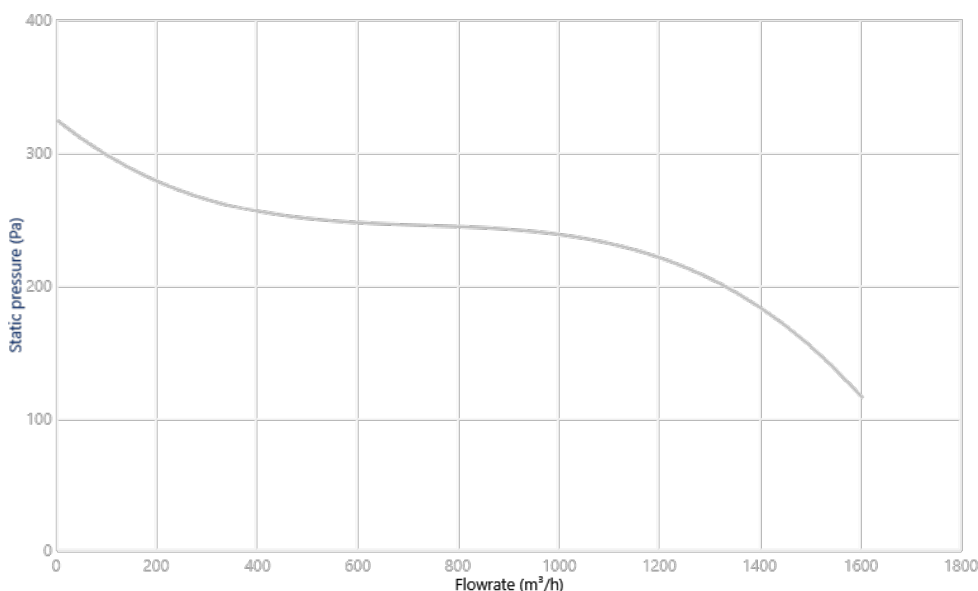
- High efficiency (HE) motors in compliance with ErP 2015.
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C.

### Finish:

- Galvanised steel sheet.



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

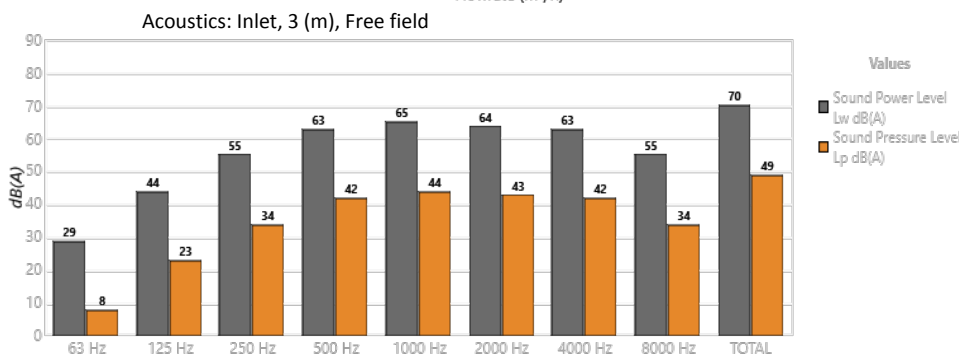


### Design Point

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	29	8
125 Hz	44	23
250 Hz	55	34
500 Hz	63	42
1000 Hz	65	44
2000 Hz	64	43
4000 Hz	63	42
8000 Hz	55	34
TOTAL	70	49

## TECHNICAL CHARACTERISTICS

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





ERP

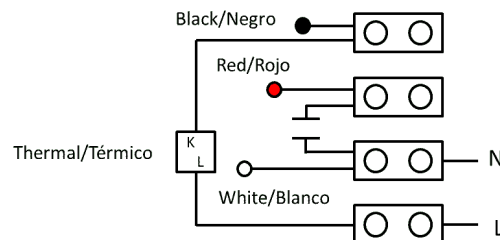
Efficiency	33.4%	Pressure (Pa)	233
Efficiency grade N	44.0	Input power (kW)	0.208
Measurement category	A	Speed (rpm)	1394
Efficiency category	Static	Variable speed drive	VSD not necessary
Specific ratio	1.00	ErP compliance	2015
Flowrate (m <sup>3</sup> /h)	1070		

♦ 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
---------------------	---

