

CJBX-15/15-3 IE3

Code: 1009362



Transmission ventilation units acoustically insulated

Fan:

- Ventilation units equipped with double inlet fans of the CBX, CBXC and CBXR series.
- Galvanised sheet steel structure with thermal insulation and acoustic insulation.
- Forward curved impeller in galvanised sheet steel.
- Glands for cable entry.

Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +60 °C.

Finish:

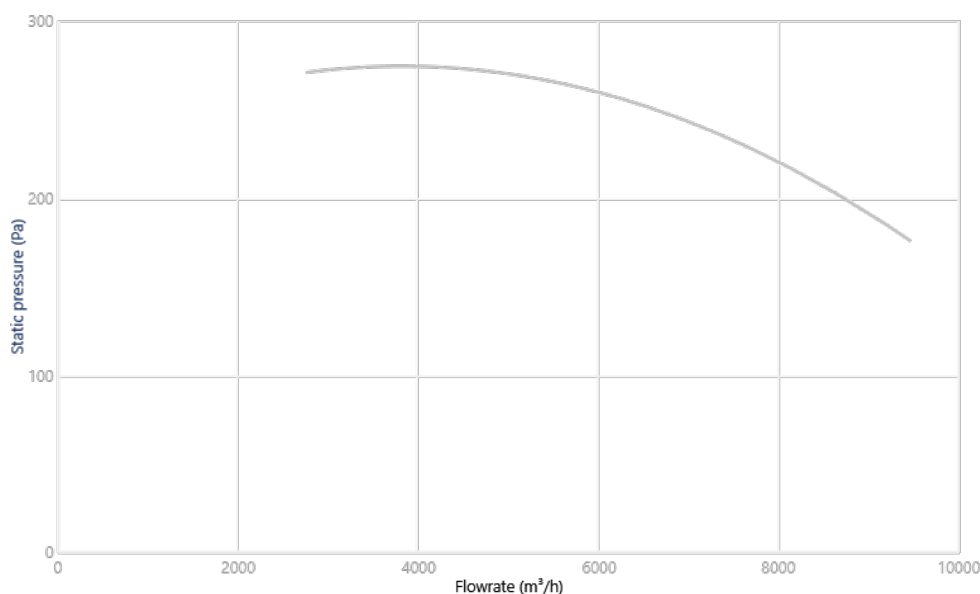
- Galvanised steel sheet.

On request:

- With circular outlet.
- ATEX certification.



CHARACTERISTIC CURVE AND ACOUSTICS AT 1.2KG/M³

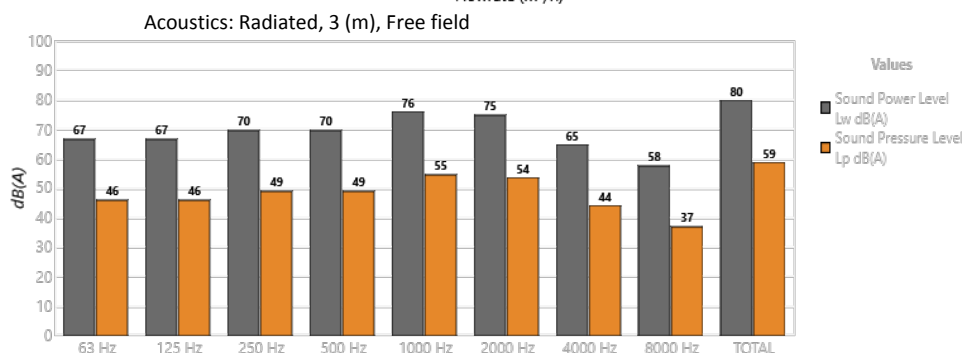


Design Point

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	67	46
125 Hz	67	46
250 Hz	70	49
500 Hz	70	49
1000 Hz	76	55
2000 Hz	75	54
4000 Hz	65	44
8000 Hz	58	37
TOTAL	80	59

TECHNICAL CHARACTERISTICS

Airflow maximum (m³/h)	9455
Speed (rpm)	740
Maximum static pressure (Pa)	274.2
Maximum total pressure (Pa)	302.9

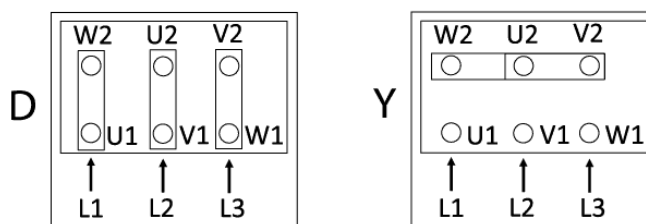
ERP

Brand	SODECA, S.L.U.	Static efficiency of fan according to EU 327/2011 (%)	42.2%
Model	CJBX-15/15-3 IE3	Max. external leakage rate (%)	0.1%
Typology	NRVU / UVU	Filter energy performance	Not applicable
Drive type	Variable speed	Visual filter warning	Not applicable
HRS type	None	Sound power level (LWA) (dBA)	81
Nominal flow rate (m³/s)	1.455	Website	www.sodeca.com
Effective electric power input (kW)	0.938	ErP compliance	2018
Face velocity at design flow rate (m/s)	7.42		
Nominal external pressure (Pa)	268		

MOTOR DATA

Rated Mechanical Power (kW)	2.2
Hz/phases	50/3
Motor (rpm)	1435
Poles	4P
Max. current (A) 380-415 V Y	4.56
Max. current (A) 220-240 V D	7.93
Motor protection	IP55
Motor frame size	100L

Data can change, please check motor plate



DIMENSIONS

A	B	C	C1	C2	D	E	F	G	H1	H2	K	L
1000	755	800	908	938	659	704	43	288	133	341	489	423

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

Approx. weight (kg)	101
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