

MBPCX 35 T4 0,37kW Zone 2: FAN (Ex h IIB T4 Gc) + MOTOR (Ex db IIC T4 Gb) (502303542XD)

GENERAL DATA



PLASTIC ATEX FAN WITH FORWARD IMPELLER

MANUFACTURING FEATURES

- Housing made of PP-el plastic (for models size 35 and equal to or greater than size 45) other models PE-el casing
- Forward curved impeller in PP plastic.
- Motor support made of rolled steel sheet with polyester powder finishing coat.
- Stainless steel nuts and bolts.
- Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz for three phase motors up to 4kW and 400/690V 50Hz for higher powers. Equipped with ATEX motors

- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315.
- The indicated codes correspond to the model in position LG270

APPLICATIONS

Designed for inline installation, they are suitable for:

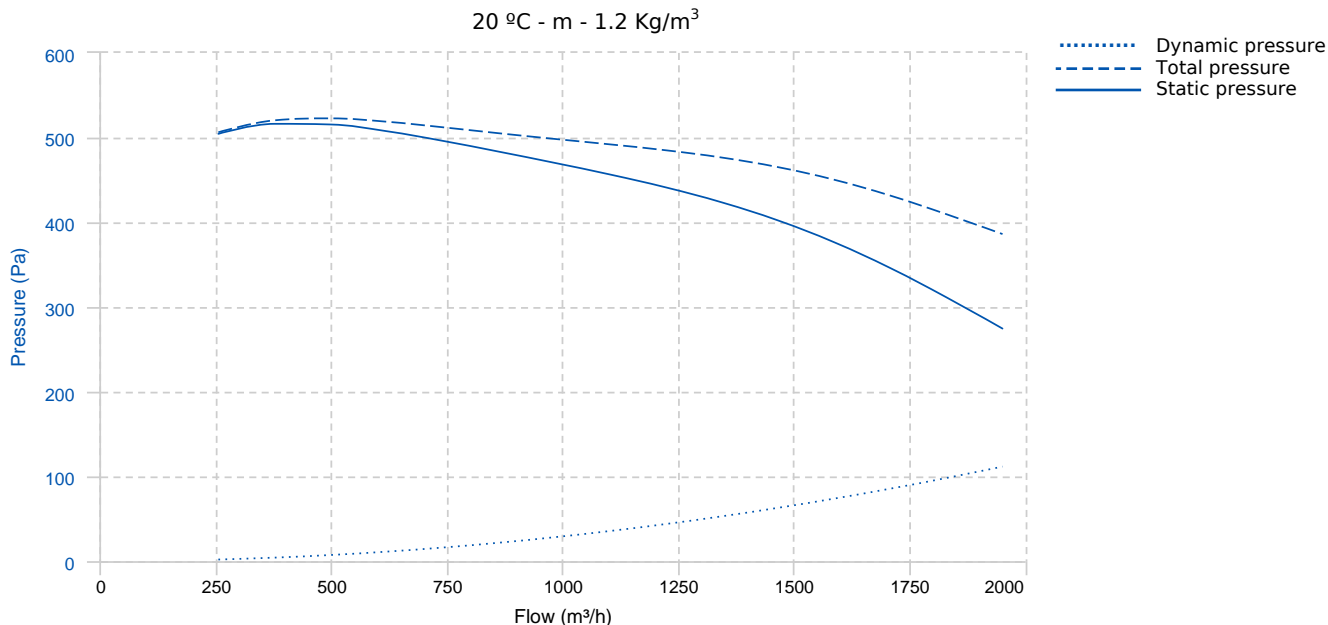
- Corrosive air transport.
- Chemical and petrochemical industry.
- Laboratories and gas cabinets.
- General ventilation in closed environments classified as ATEX zone 2.
- Maximum temperature of transported air: If it is clean air 70°C, other depends on the gas (see table in documentation)

UNDER REQUEST

- 60Hz fans and special voltages fans.
- Stainless steel motor support.

In compliance with the ATEX Directive 2014/34/UE. Certified ATEX IIIG with certified ATEX motor for areas 2 (gas)

PERFORMANCE CURVE



TECHNICAL DATA

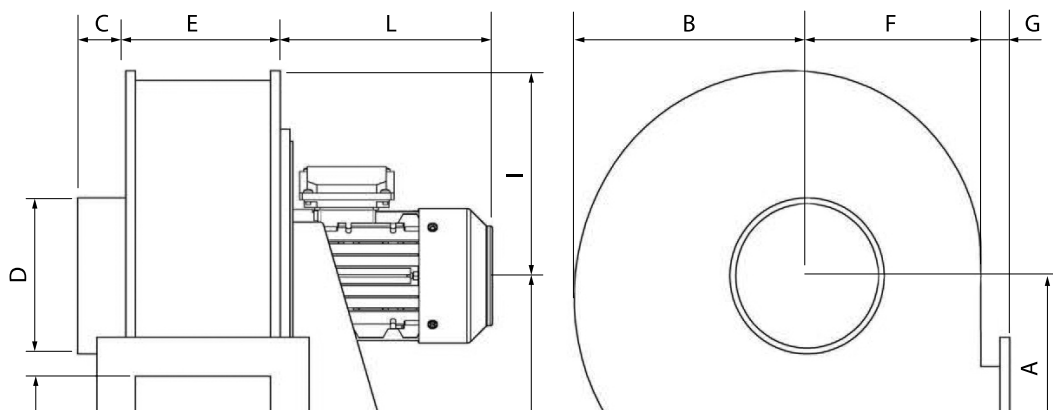
Fan

RPM	1410	Approx. weight	53 kg	Max. Flow	1950 m³/h
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Motor

Power	0,37 kW	RPM	1410	I max. (400V)	1,2 A	Size	71
Approx. weight	7 kg	Efficiency (%)	66 %	FP	0.73		

DIMENSIONS

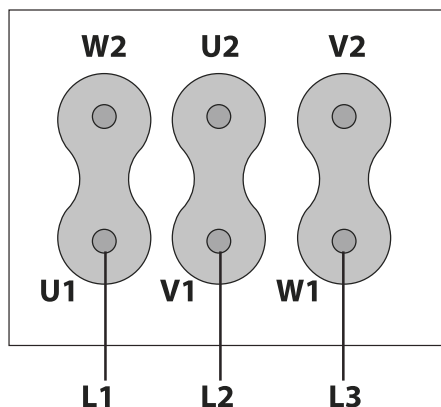


Dimensions (mm)

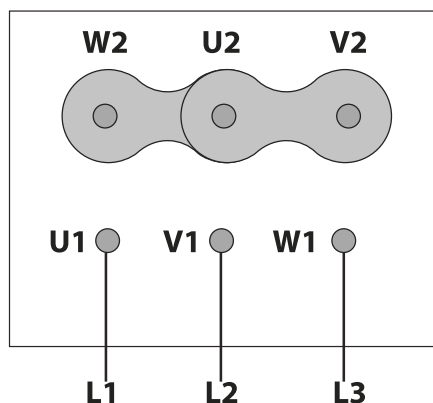
A	275	B	328	C	50	D	225	E	185
F	230	G	40	H	445	I	285	L	220
N	355	P	150	Q	230	R	390	S	175
V	40	X	40	Y	17.5	Z	250	Ø	11

WIRING DIAGRAM

230V 



400V 



ACCESSORIES



ANTI-VIBRATING FLANGE 400^ø/2H
BA-400 25
REF: 960002051



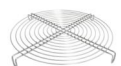
ATEX SWITCH
INT 16 ATEX
REF: 510200016X



DIFUSOR GRID
DG Ø225
REF: DG225



ADJUSTABLE DAMPER
AD Ø225
REF: AD-225



STAINLESS STEEL PROTECTION GRID
RPI Ø225
REF: RPI225



ANTI-VIBRATION JOINT
JE 45
REF: A-300719201



PVC FLEXIBLE JOINT
FJ Ø225
REF: FJ-225



CIRCULAR GRAVITY DAMPER
CSC Ø225
REF: CSC225



DRAIN PLUG
PD 1
REF: PD1



WALL SUPPORT
WS 1
REF: WS1



**ANTI-VIBRATION BLOCK
AV 2**
REF: AV-2



**FREQUENCY SPEED CONTROLLER
SFC 230 I 2,5A ***
REF: SFC230I003



**FREQUENCY SPEED CONTROLLER
SFC 400 III 1,2A ***
REF: SFC400III1



**ANTI-VIBRATION RUBBER BLOCK
AVR (GENERIC)**



**ANTI-VIBRATION SPRING BLOCK
AVS (GENERIC)**