

MDI 10/5 M2 0,09kW

GENERAL DATA



MEDIUM PRESSURE FAN WITH FORWARD IMPELLER AND IN STAINLESS STEEL CONSTRUCTION

MANUFACTURING FEATURES:

- Welded stainless steel AISI 304 housing.
- Stainless steel simple inlet forward curved impeller.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors.
- Standard orientation: LG270.

APPLICATIONS:

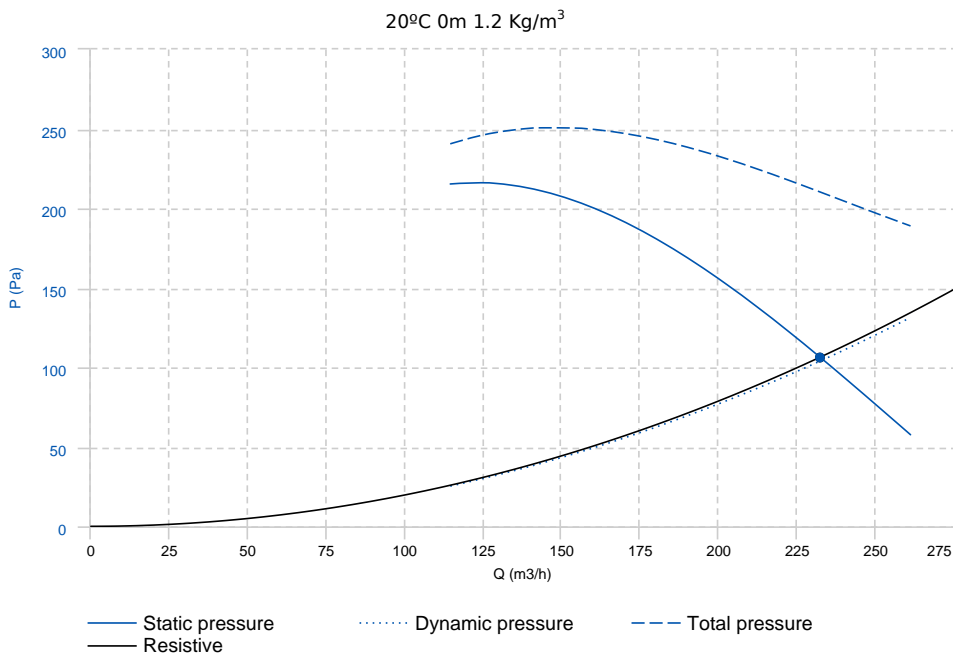
Designed for inline installation, they are suitable for:

- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean air transport.
- Corrosive air transport.
- Maximum working temperature: carried air: 130°C, ambient: 1ph 50°C, 3ph 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fans provided with cooling disk for high temperatures.
- Orientation: RD0, RD45, RD90, RD135, RD180, RD225, RD270, RD315, LG0, LG45, LG90, LG135, LG180, LG225, LG315.

PERFORMANCE CURVE



Design point	
Flow (m ³ /h)	232.56
Pressure (Pa)	106.69
Service point	
T.max (°C)	130
Q (m ³ /h)	232.25
Ps (Pa)	106.4
Pd (Pa)	103.97
Pt (Pa)	210.37
Speed (m/s)	13.17

TECHNICAL DATA

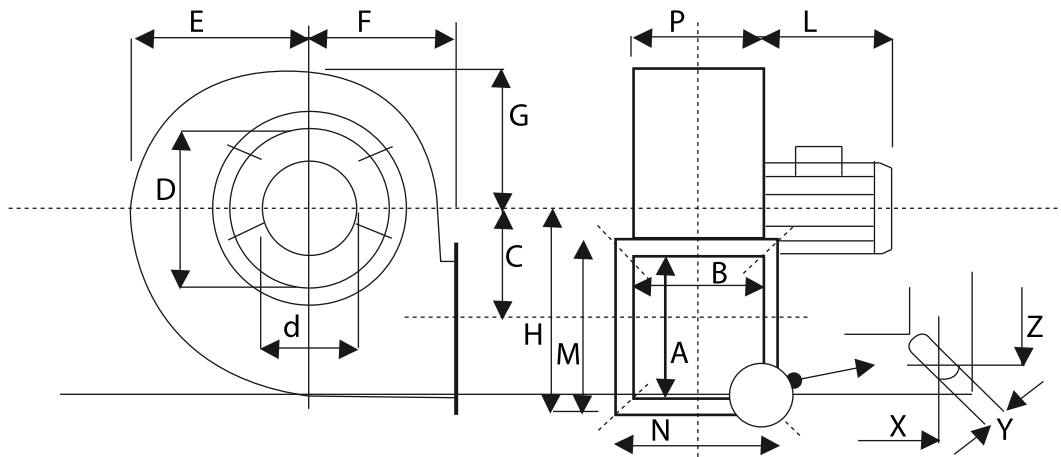
Fan

RPM	2850	Approx. weight	2.4 kg	Max. Flow	270 m ³ /h
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Motor

Power	0,09 kW	RPM	2800	I max. (230V)	0,75 A	Size	56
Approx. weight	2.5 kg	Efficiency (%)	56 %	FP	0.920000017		

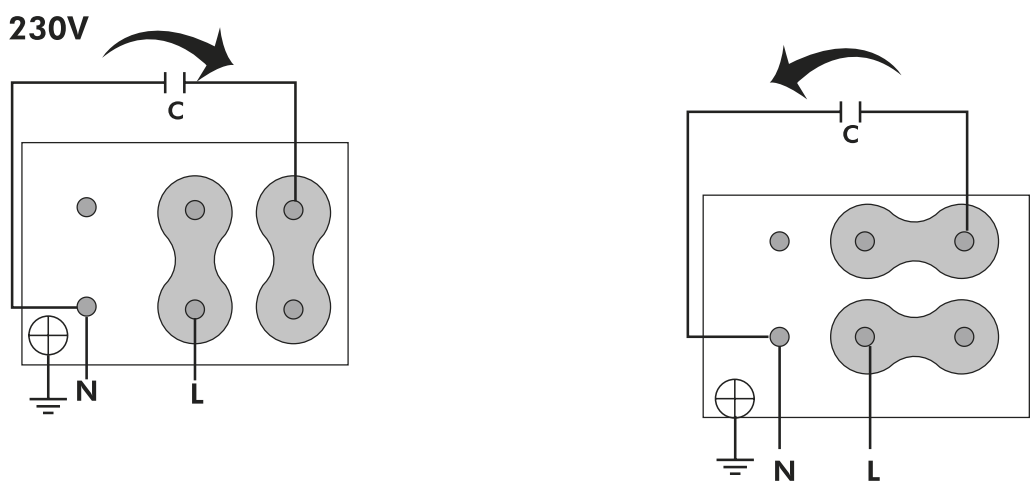
DIMENSIONS



Dimensions (mm)

A	70	B	70	C	65	D	115	E	90
F	80	G	77	H	120	L	165	M	100
N	100	P	72	X	85	Y	7X14	Z	85
d	75								

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



STAINLESS STEEL INLET PROTECTION GUARD
FOR CENTRIFUGAL FANS
RAI 10/5
REF: 300716102

SPARE PARTS

	Code	Model	RPM	Degrees
4	720301013	1 x MOTOR 0,09kW M2 B5 230V	-	-