

MDI 18/8 M2 0,55kW

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:

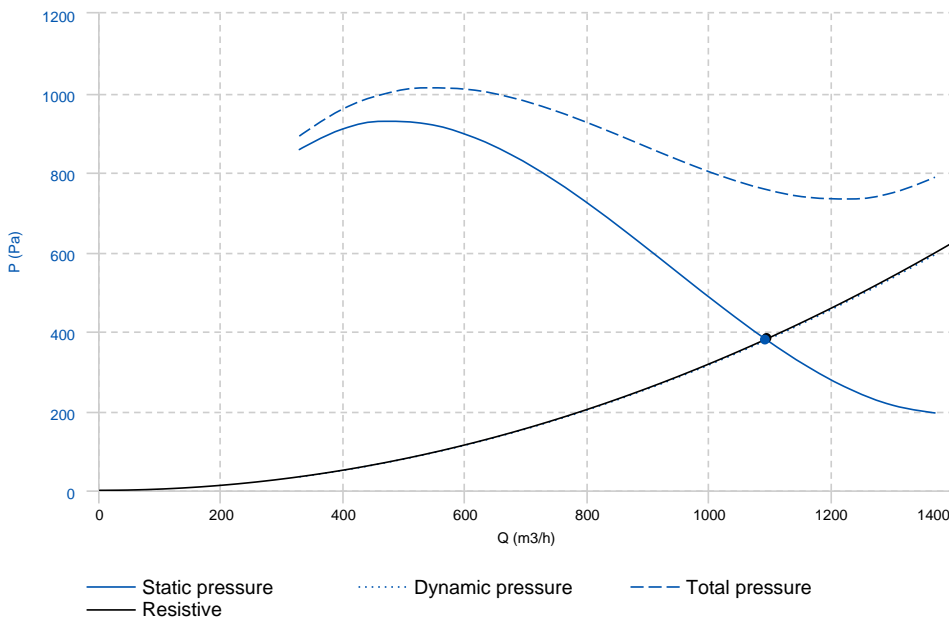
- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean air transport.
- Corrosive air transport.
- Maximum working temperature: carried air: 130°C, ambient: 1ph 50°C, 3ph 60°C.

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

20°C 0m 1.2 Kg/m³



Design point	
Flow (m3/h)	1094.61
Pressure (Pa)	381.59
Service point	
T.max (°C)	130
Q (m3/h)	1092.47
Ps (Pa)	380.1
Pd (Pa)	377.26
Pt (Pa)	757.36
Speed (m/s)	25.08

TECHNICAL DATA

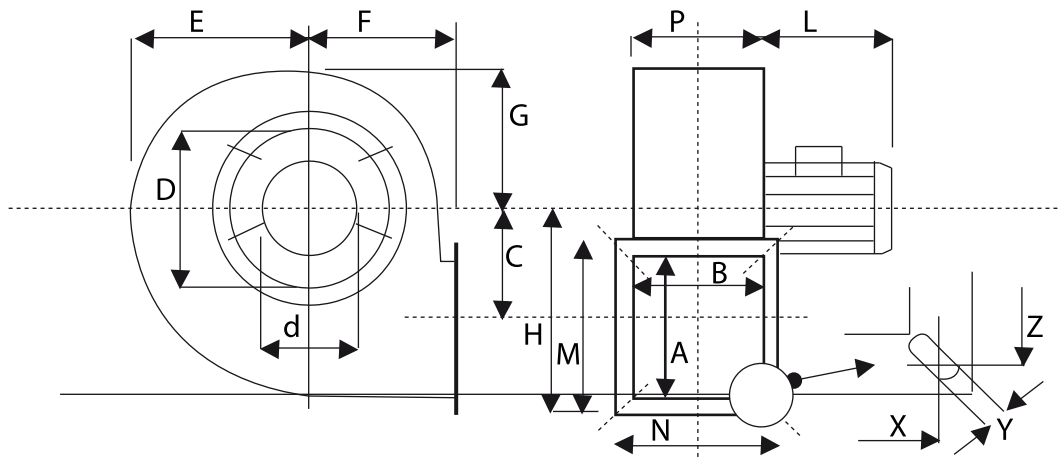
Fan

RPM	2850	Approx. weight	10.2 kg	Max. Flow	1380 m ³ /h
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Motor

Power	0,55 kW	RPM	2800	Capacitor	20μF 450V	I max. (230V)	3,71 A
Size	71	Approx. weight	6.7 kg	Efficiency (%)	70 %	FP	0.92

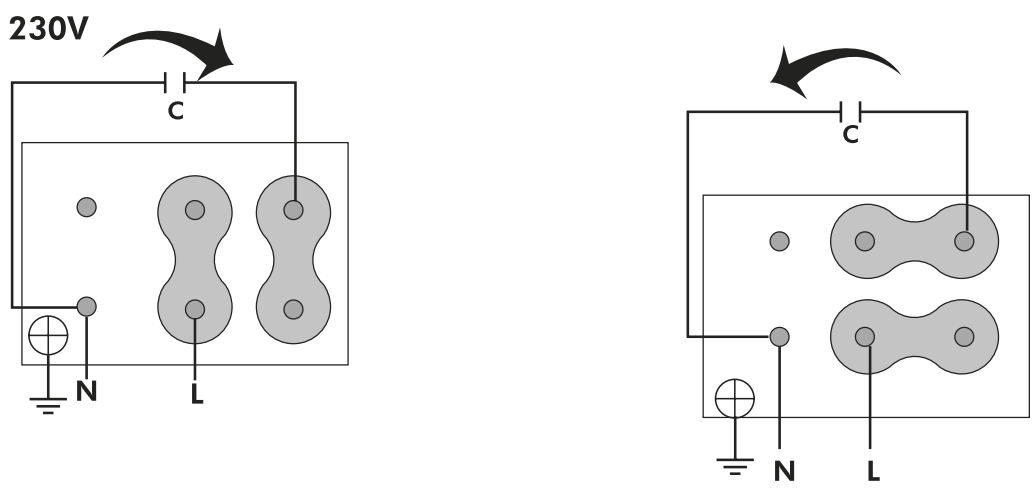
DIMENSIONS



Dimensions (mm)

A	110	B	110	C	115	D	200	E	158
F	120	G	134	H	195	L	215	M	155
N	155	P	114	X	133	Y	9X16	Z	133
d	140								

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



STAINLESS STEEL INLET PROTECTION GUARD
FOR CENTRIFUGAL FANS
RAI 18/8
REF: 300716902

SPARE PARTS

	Code	Model	RPM	Degrees
4	720301042	1 x MOTOR 0,55kW M2 B5 230V	-	-