

# MDI 13/8 M4 0,12kW

## 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:

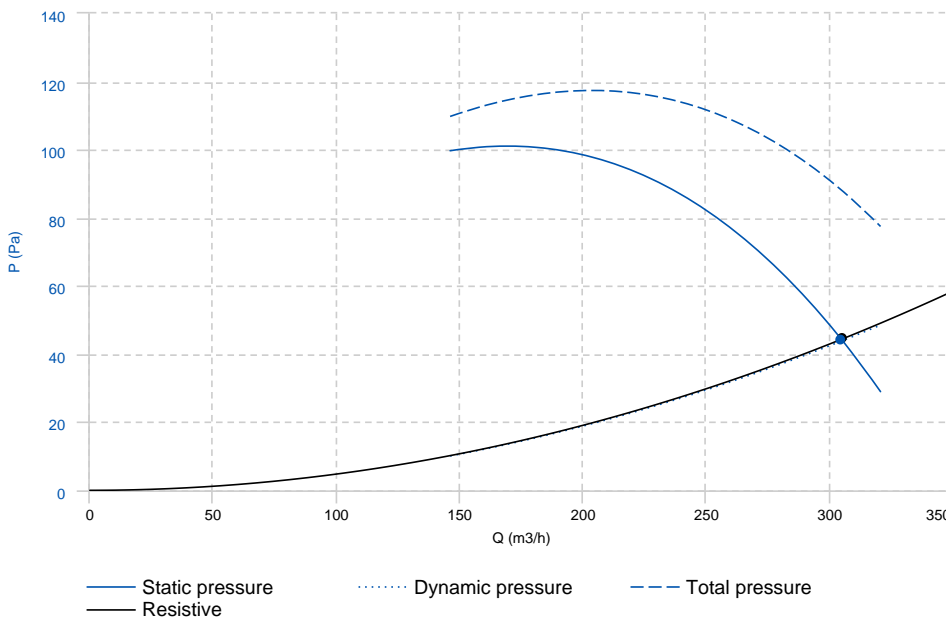
- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean air transport.
- Corrosive air transport.
- Maximum working temperature: carried air: 130°C, ambient: 1ph 50°C, 3ph 60°C.

#### 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/m<sup>3</sup>



Design point	
Flow (m3/h)	305.26
Pressure (Pa)	44.52
Service point	
T.max (°C)	130
Q (m3/h)	304.64
Ps (Pa)	44.34
Pd (Pa)	43.82
Pt (Pa)	88.16
Speed (m/s)	8.55

## TECHNICAL DATA

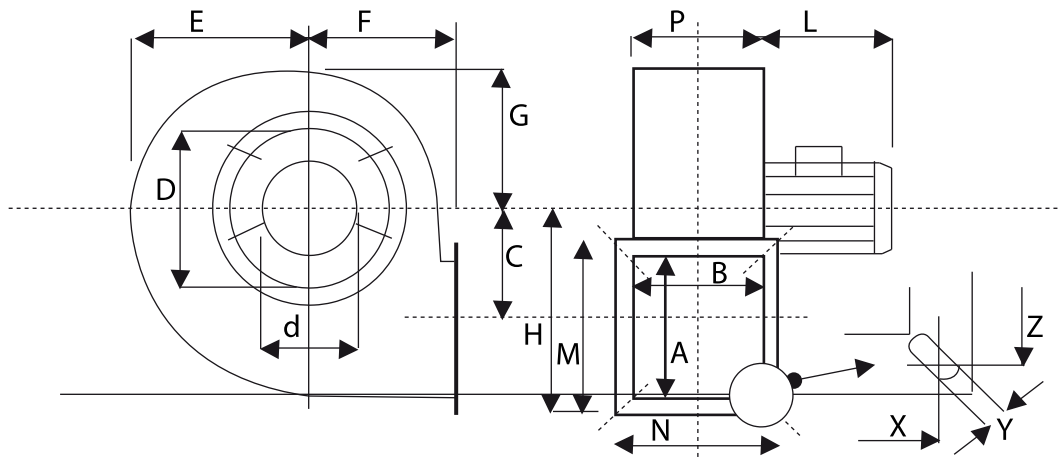
### Fan

RPM	1450	Approx. weight	5.8 kg	Max. Flow	330 m3/h
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### Motor

Power	0,12 kW	RPM	1380	Capacitor	6μF 450V	I max. (230V)	1,15 A
Size	63	Approx. weight	4 kg	Efficiency (%)	57 %	FP	0.92

## DIMENSIONS

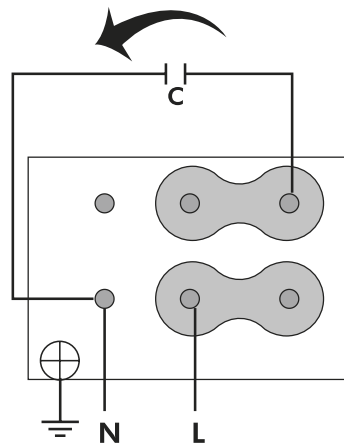
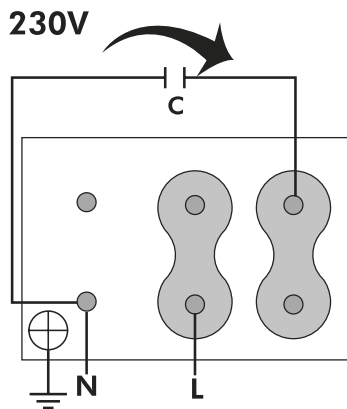


### Dimensions (mm)

A	90	B	110	C	92	D	158	E	125
F	104	G	110	H	160	L	190	M	130
N	150	P	112	X	130	Y	9X16	Z	110
d	101								



## WIRING DIAGRAM



## ACCESSORIES



**SAFETY SWITCH**  
INT 25 3P A  
REF: INT253PA



**STAINLESS STEEL INLET PROTECTION GUARD FOR CENTRIFUGAL FANS**  
RAI 13/8-13/6  
REF: 300716502

## SPARE PARTS

	Code	Model	RPM	Degrees
4	720301112	1 x MOTOR 0,12kW M4 B5 230V IEC63	-	-