

# MDI 20/10 M2 1,1kW

## 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:

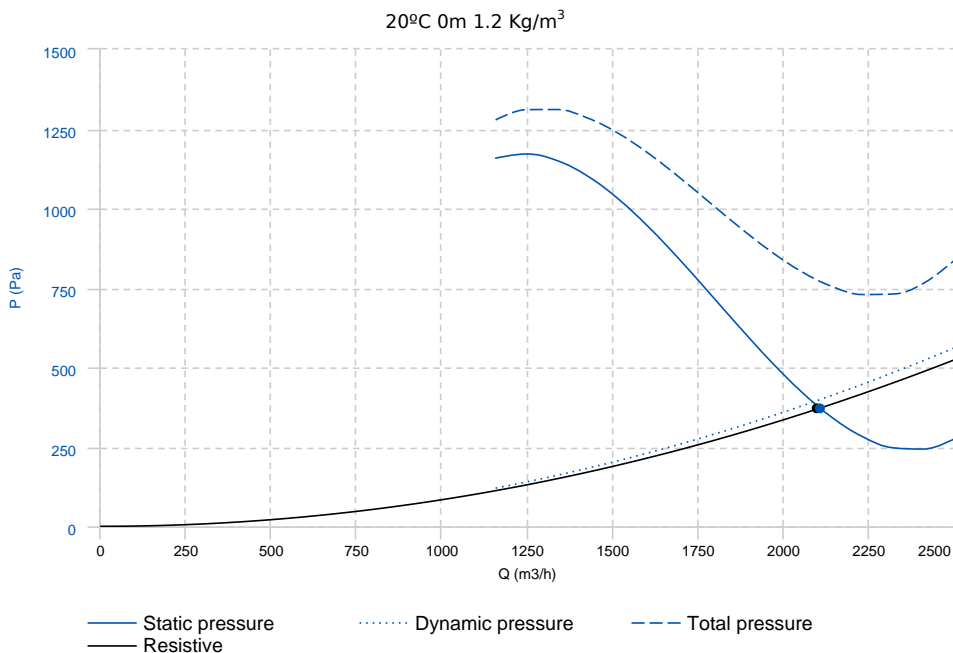
Designed for inline installation, they are suitable for:

- 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 (m3/h)	2098.65
Pressure (Pa)	369.04
Service point	
T.max (°C)	130
Q (m3/h)	2106.91
Ps (Pa)	371.95
Pd (Pa)	398.69
Pt (Pa)	770.64
Speed (m/s)	25.78

## TECHNICAL DATA

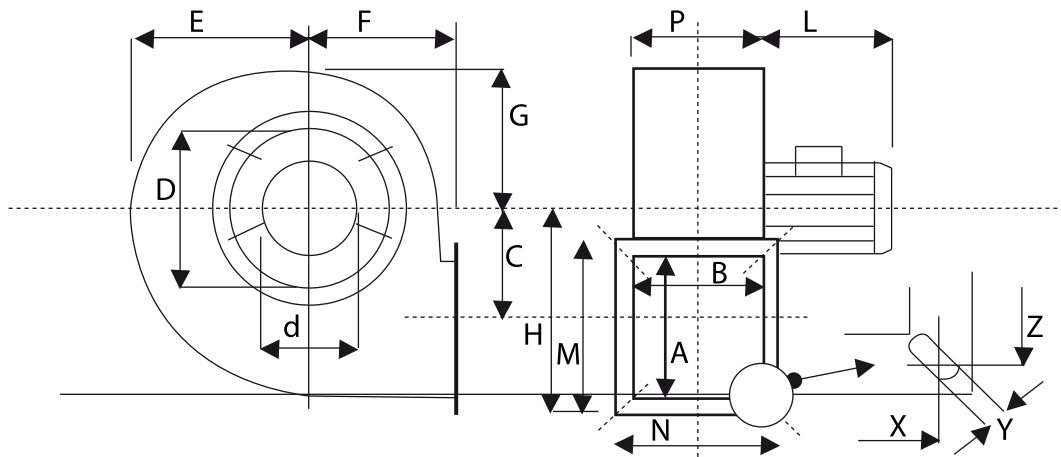
### Fan

RPM	2850	Approx. weight	19 kg	Max. Flow	2510 m3/h
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### Motor

Power	1,1 kW	RPM	2800	Capacitor	30µF 450V	I max. (230V)	6,71 A
Size	80	Approx. weight	10.6 kg	Efficiency (%)	72 %	FP	0.95

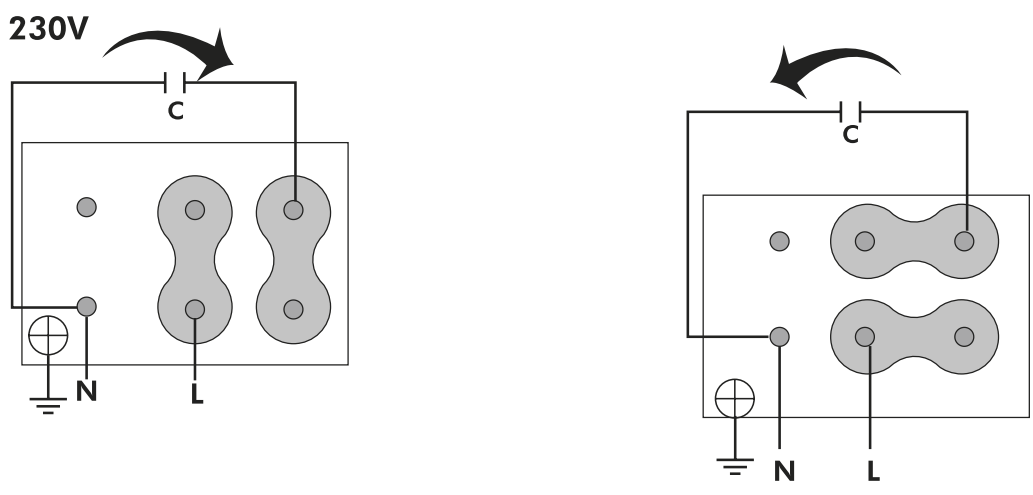
## DIMENSIONS



### Dimensions (mm)

A	140	B	140	C	145	D	220	E	190
F	155	G	160	H	240	L	250	M	190
N	190	P	144	X	165	Y	9X16	Z	165
d	170								

**WIRING DIAGRAM**



**ACCESSORIES**



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



**STAINLESS STEEL INLET PROTECTION GUARD**  
**FOR CENTRIFUGAL FANS**  
**RAI 20/10**  
**REF: 300717102**

**SPARE PARTS**

	Code	Model	RPM	Degrees
4	720301045	1 x MOTOR 1,1kW M2 B5 230V IEC80	-	-