

MB 20/8 T2 1,1KW (MB203280)

GENERAL DATA



MEDIUM PRESSURE CENTRIFUGAL FAN WITH FORWARD IMPELLER

MANUFACTURING FEATURES:

- Rolling steel sheet housing.
 - Completely joined or welded housing.
 - Galvanised steel sheet simple inlet forward curved impeller.
 - Polyester powder finishing coat.
 - 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.

- 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:

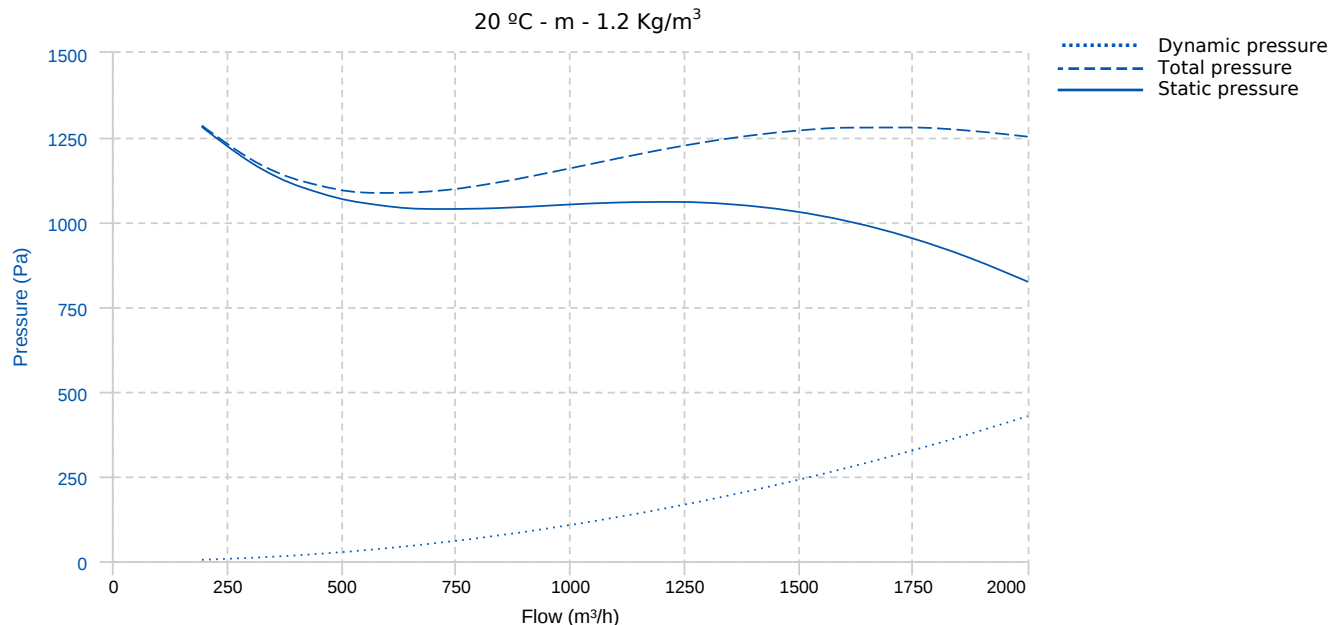
Designed for inline installation, they are suitable for:

- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Suitable for transporting totally clean air without dust.
- Maximum working temperature: carried air: 130°C, environment single phase 50°C, three phase 60°C.

UNDER REQUEST:

- Special voltages.
- 2 speed motors (three phase motors).
- Fan for air working temperatures up to 250°C.
- Fans provided with cooling disk for high temperature.
- Option with support for models where it is not included, and without support for models where it is included.

PERFORMANCE CURVE

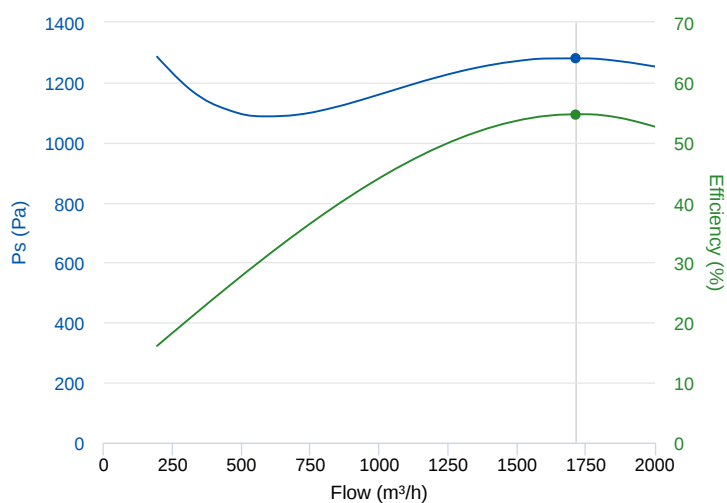


TECHNICAL DATA

Fan							
RPM	2800	Approx. weight	19 kg	Max. Flow	2000 m³/h		
Motor							
Power	1,1 kW	RPM	2800	I max. (230V)	4,05 A	I max. (400V)	2,33 A
Size	80	Approx. weight	16 kg	Efficiency (%)	82.7 %	FP	0.85

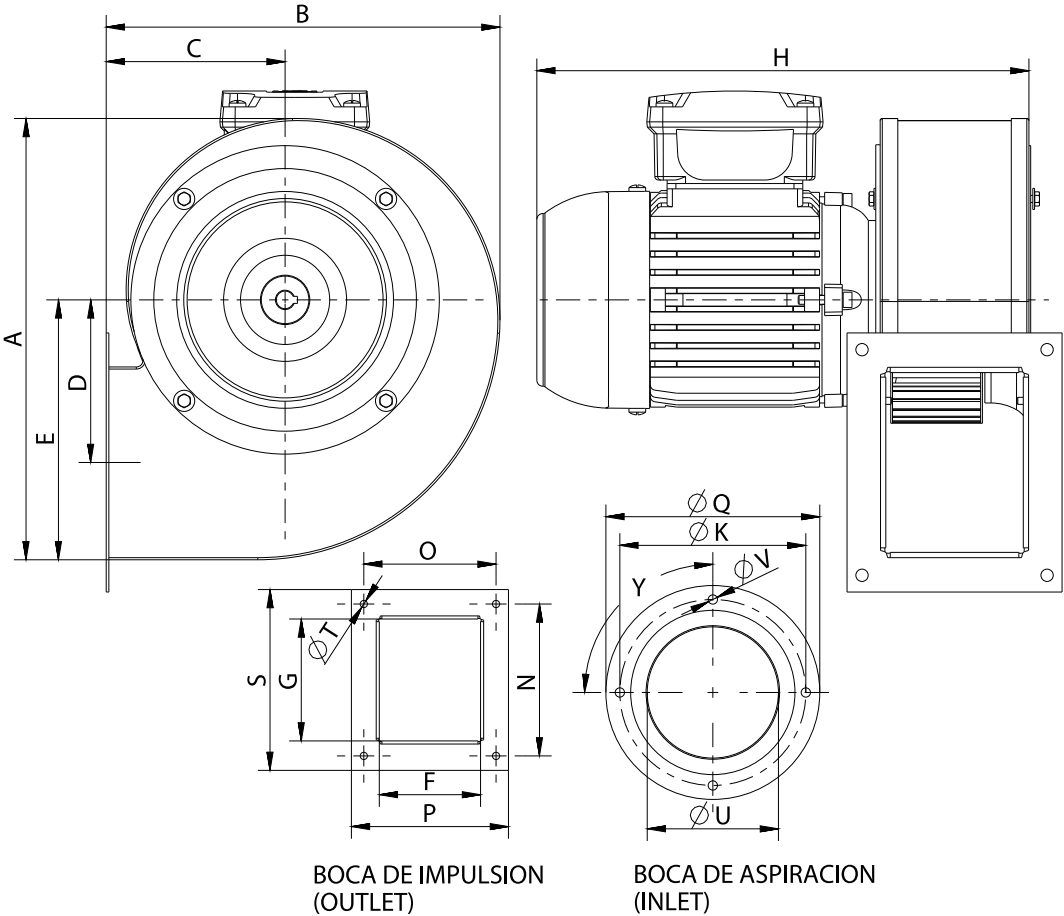
ERP DATA

Fan data sheet		
Fan type	Ventilator centrifugal cu pale drepte sau curbate spre inainte.	
Installation category	B_2026:	
Efficiency category	Total	
The fan has to be installed with VF	No	
Motor power (kW)	1.1	
	Fan values	ERP Requirements 2027
Max. efficiency (%)	54.71	47.01
Efficiency grade (N)	64.7	57
Pabs (kW)	1.118	
Flow (m³/h)	1716.19	
Total pressure (Pa)	1281.01	
Speed (m/s)	2800	



	Fan values	ERP Requirements 2027
Specific ratio	1.00	

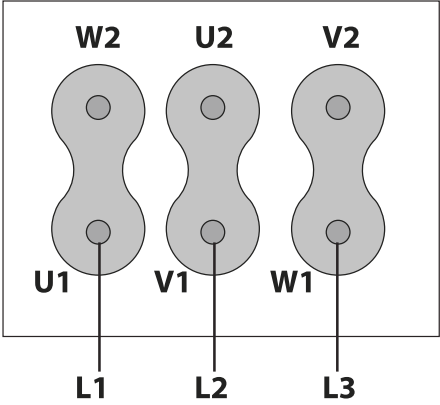
DIMENSIONS



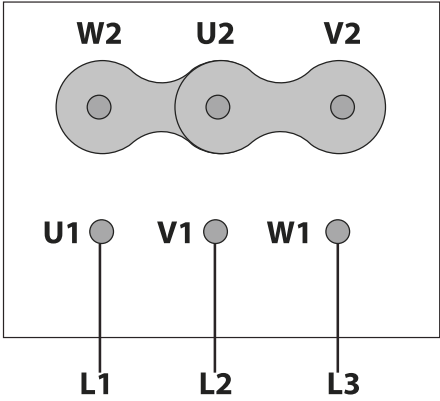
Dimensions (mm)									
A	392	B	331	C	140	D	142	E	230
F	130	G	161,5	H	374	K	230	N	189
O	160	P	184	Q	255	S	213	TØ	9
UØ	161	VØ	9	Y	8x45º				

WIRING DIAGRAM

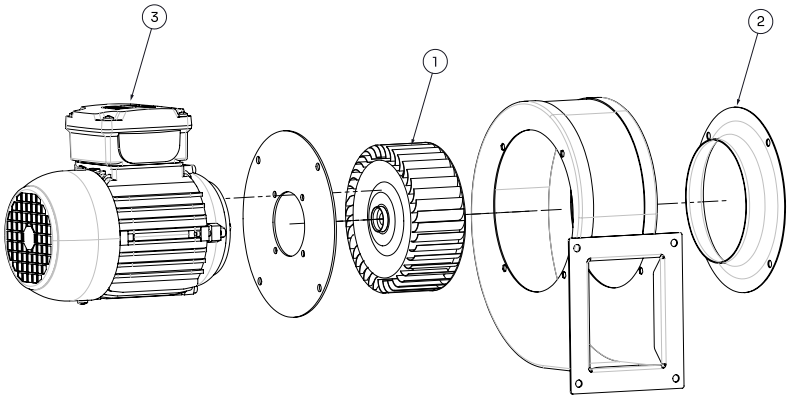
230V 



400V 



SPARE PARTS



	Code	Model	Qty
1	R-253199381	TURBINA GALV.200x81,9x19 (LG)	x1
3	721001042	MOTOR 1,1kW T2 B14 230/400V	x1