

MB 14/5 M2 0,25KW (MB141263)

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:

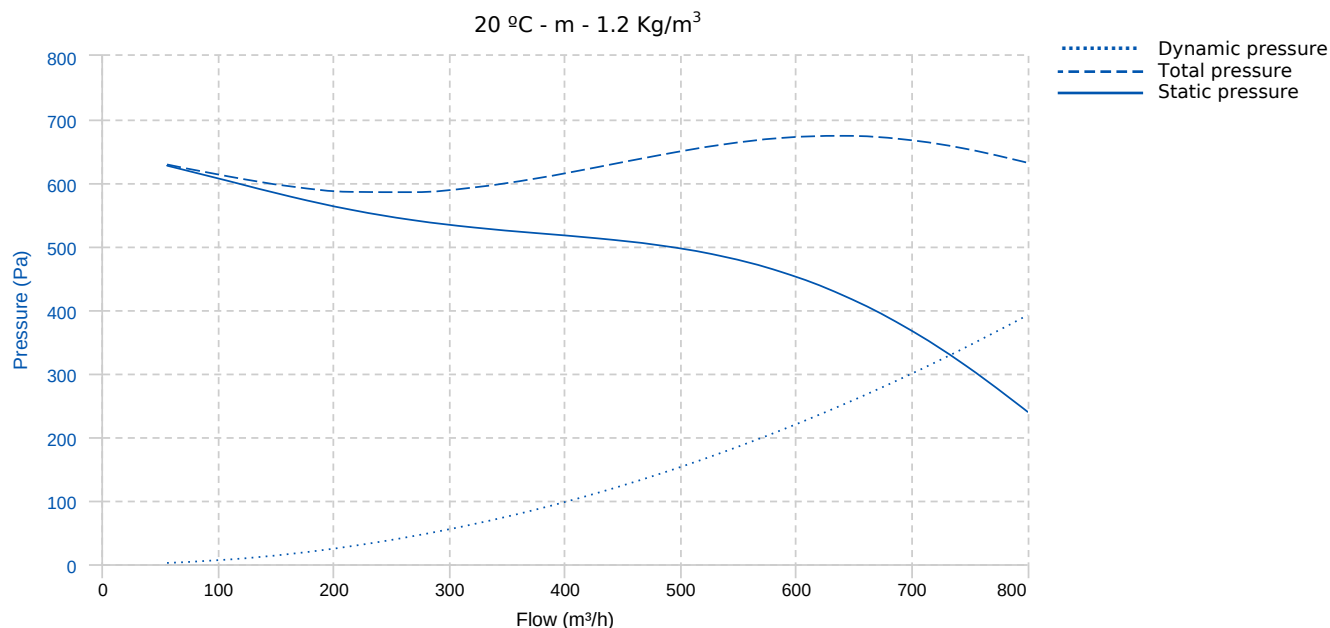
Designed for inline installation, they are suitable for:

- 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

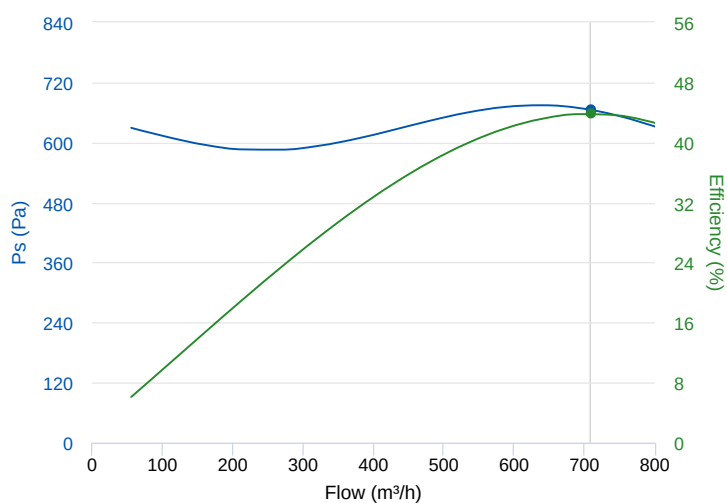


TECHNICAL DATA

Fan							
RPM	2790	Approx. weight	7 kg	Max. Flow	800 m³/h		
Motor							
Power	0,25 kW	RPM	2790	Capacitor	10µF 450V	I max. (230V)	1,77 A
Size	63	Approx. weight	4.5 kg	Efficiency (%)	64,8 %	FP	0,95

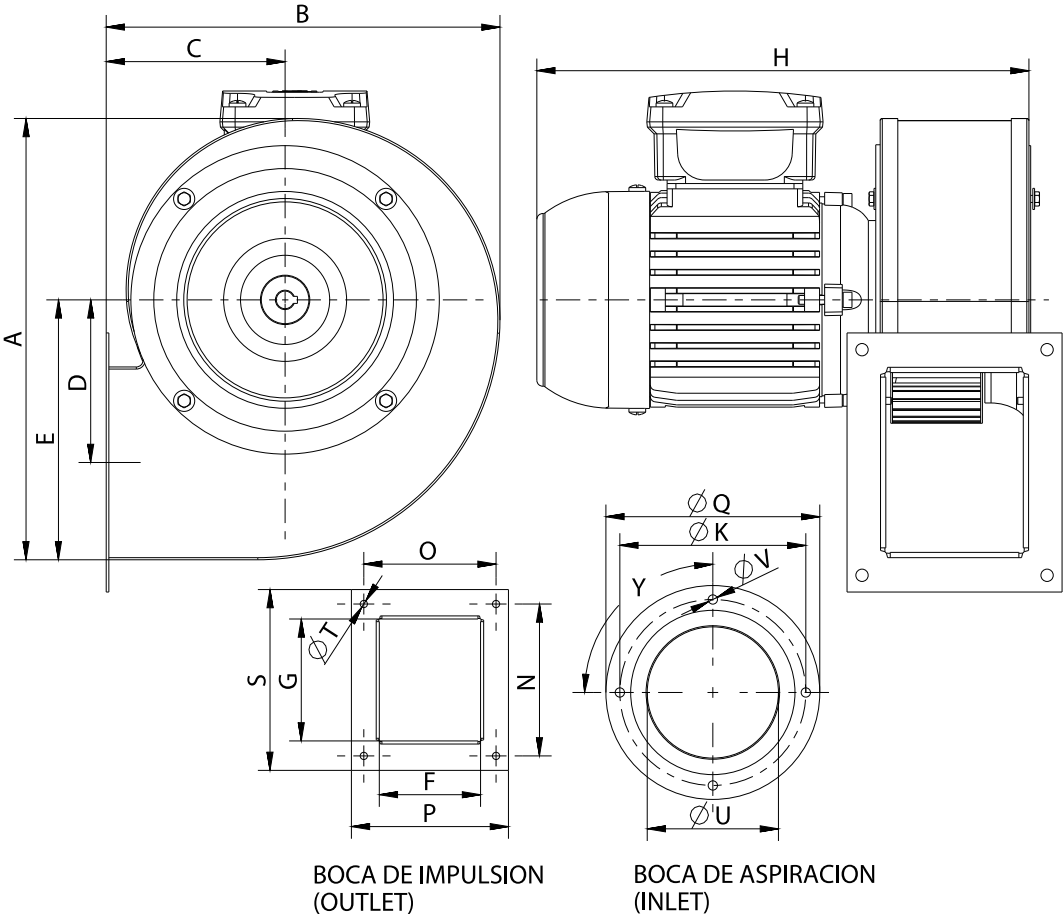
ERP DATA

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)	0.25	
	Fan values	ERP Requirements 2027
Max. efficiency (%)	43.8	41
Efficiency grade (N)	59.81	57
Pabs (kW)	0.299	
Flow (m³/h)	709.53	
Total pressure (Pa)	665.16	
Speed (m/s)	2790	



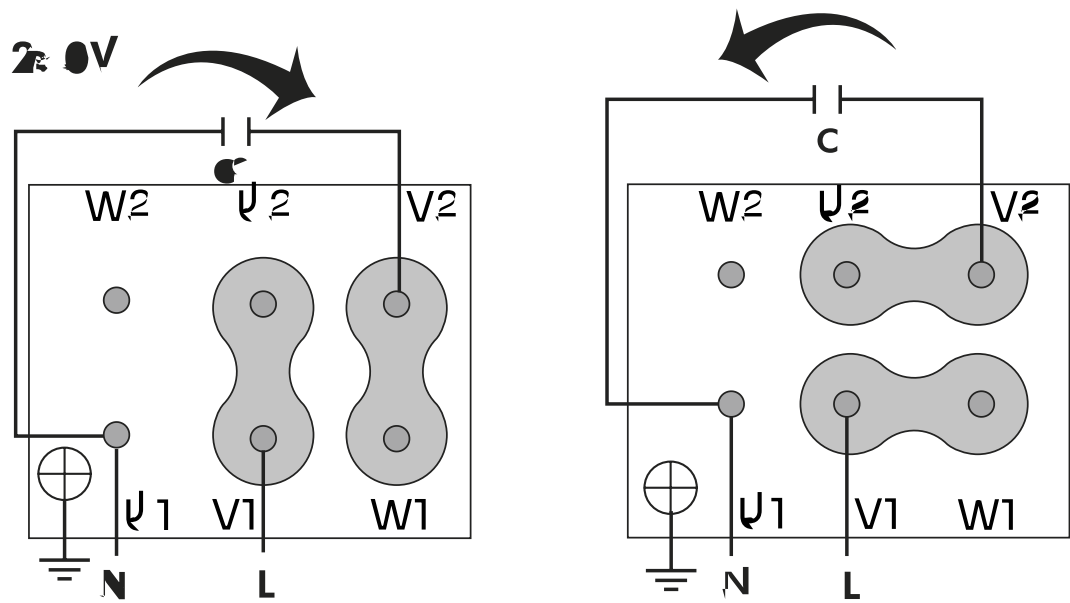
	Fan values	ERP Requirements 2027
Specific ratio	1.00	

DIMENSIONS

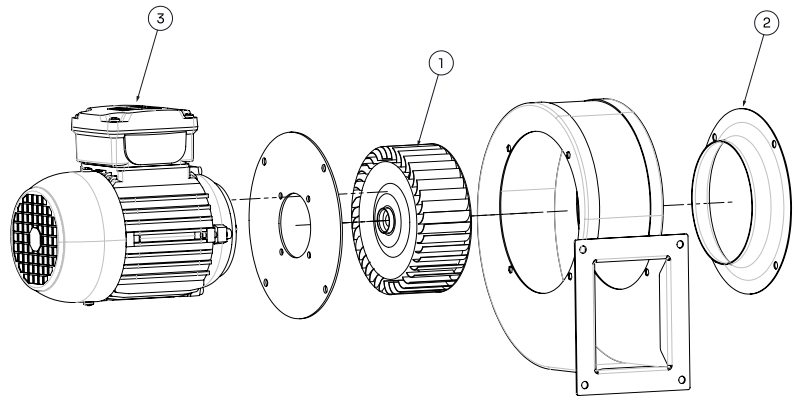


Dimensions (mm)									
A	250,5	B	223	C	102	D	93	E	147,5
F	78	G	102	H	278	K	162	N	128
O	105	P	122	Q	175	S	147	TØ	7
UØ	115	VØ	7	Y	4x90º				

WIRING DIAGRAM



SPARE PARTS



	Code	Model	Qty
3	720301029	MOTOR 0,25kW M2 B14 230V	x1