

AA 70 T2 7,5kW (255510160)

GENERAL DATA



HIGH PRESSURE WITH ALUMINIUM FORWARD IMPELLER

MANUFACTURING FEATURES:

- Rolling steel sheet housing.
 - Fully welded housing.
 - High efficiency simple inlet forward curved impeller manufactured in cast aluminium.
 - Polyester powder finishing coat.
 - Standard asynchronous squirrel-cage motor with IP-55 protection and class F insulation.
- Standard voltages 230/400V 50Hz motors up to 4kW and 400/690V 50Hz for higher powers.

- Available positions (to be indicated in case of order): LG270, LG0, LG45, LG90, LG135, LG180, LG225, LG315.
- The indicated codes correspond to the model in position LG270

APPLICATIONS:

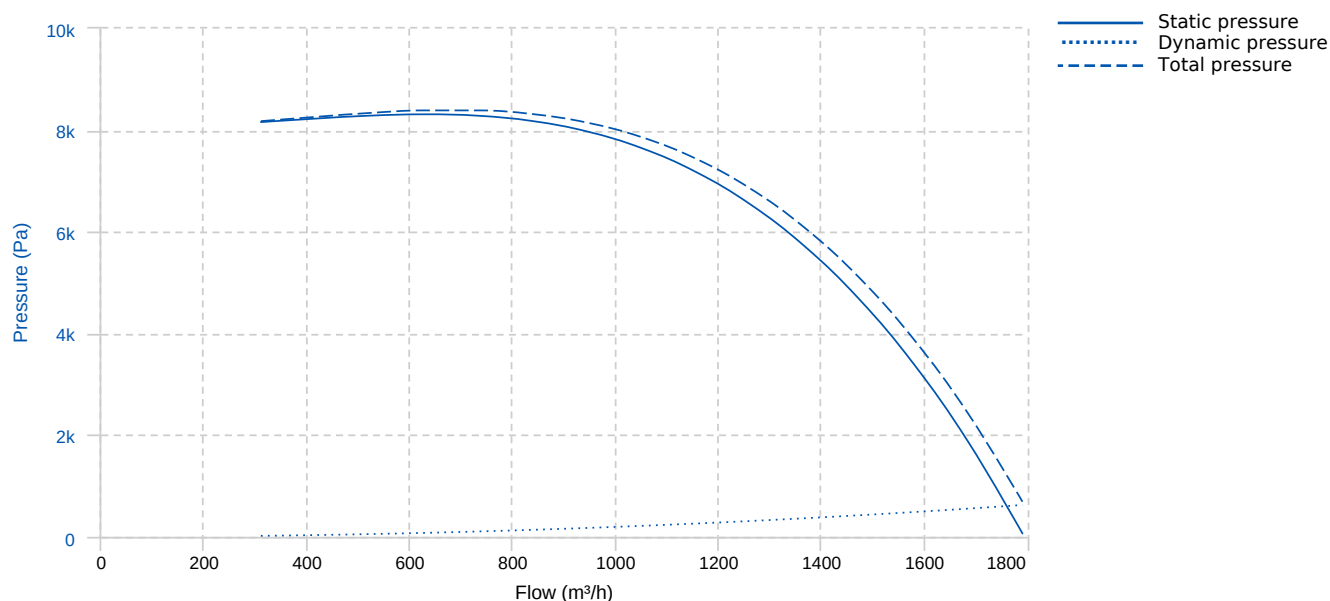
Designed for inline installation, they are suitable for:

- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean air transport.
- Exhaust after filters, separators and cyclones.
- Pneumatic transport.
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.

PERFORMANCE CURVE

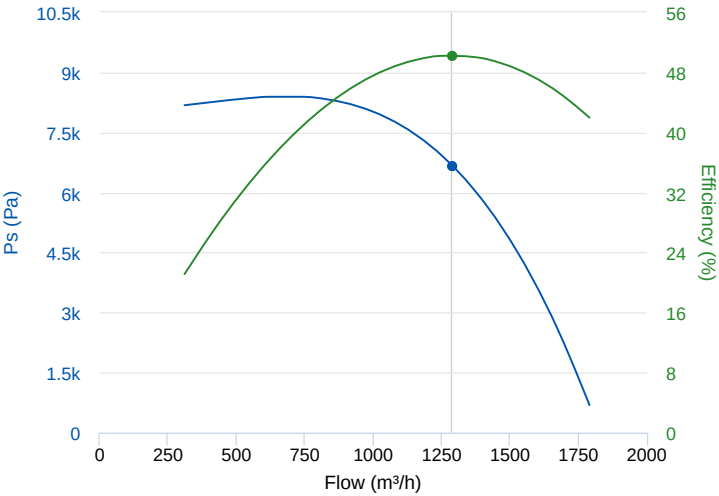


TECHNICAL DATA

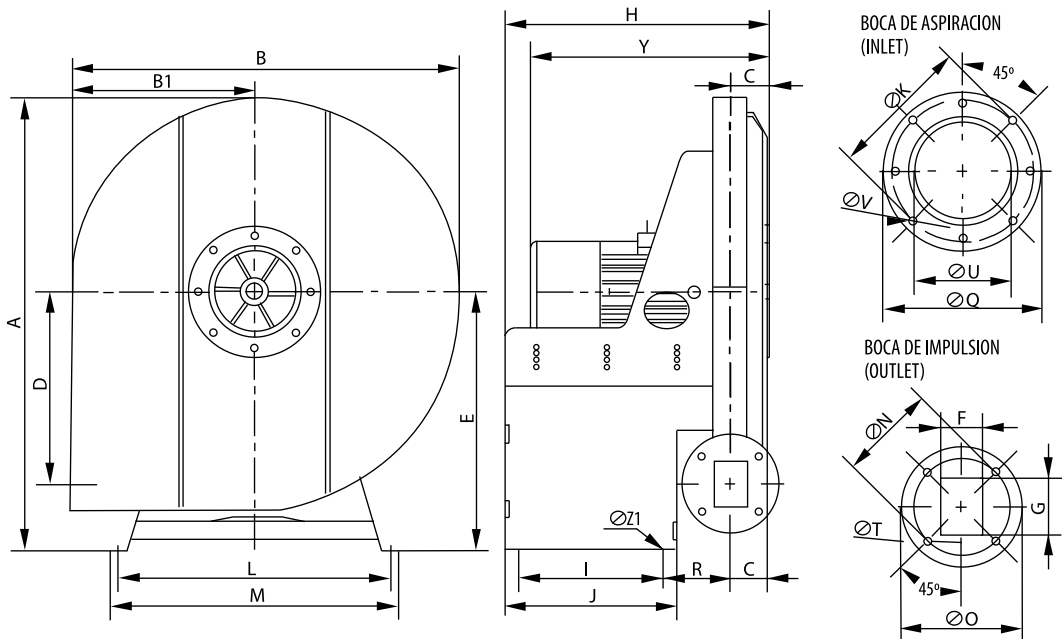
Fan							
RPM	2910	Approx. weight	125 kg	Max. Flow	1800 m³/h		
Motor							
Power	7,5 kW	RPM	2910	I max. (400V)	14,1 A	I max. (690V)	8,17 A
Size	132S	Approx. weight	73 kg	Efficiency (%)	90.4 %	FP	0.87

ERP DATA

Fan data sheet		
Fan type	Centrifugal fan radial or forward blades	
Installation category	B: Inlet free, Ducted outlet	
Efficiency category	Total	
The fan has to be installed with VF	No	
Motor power (kW)	7.5	
	Fan values	ERP Requirements 2015
Max. efficiency (%)	50.23	48
Efficiency grade (N)	51.23	49
Pabs (kW)	7	
Flow (m³/h)	1290.35	
Total pressure (Pa)	6660.44	
Speed (m/s)	2910	
Specific ratio	1.00	

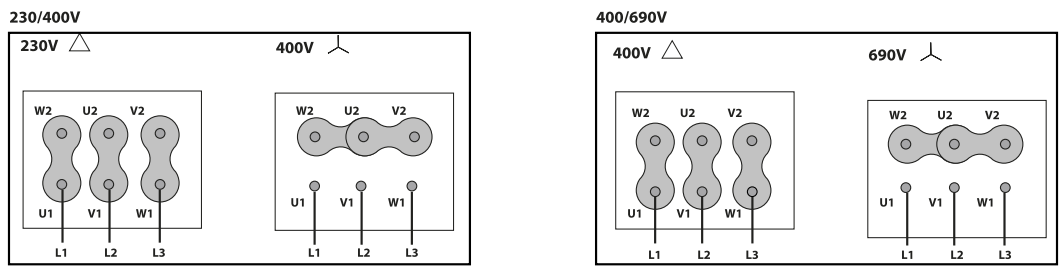


DIMENSIONS



Dimensions (mm)									
A	918	B	807	B1	378	C	75	D	411,5
E	516	F	60	G	80	H	501,5	I	275
J	325	KØ	205	L	589	M	614	NØ	140
OØ	175	QØ	230	R	126,5	TØ	11	UØ	140
VØ	12	Y	516,5	Z1	11				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 25 3P A
REF: INT253PA



INLET PROTECTION GUARD FOR CENTRIFUGAL FANS
RA 18/7
REF: A-253171901



CIRCULAR OUTLET CONNECTION FLANGE
EI 47
REF: 962470111



ANTI-VIBRATING FLANGE 400°/2H
BA-400 20
REF: 960002066



ANTI-VIBRATION JOINT
JE 45
REF: 300719201



CONNECTION FLANGE
AC 175
REF: 960003205



OUTLET PROTECTION GUARD
RBS 59
REF: A-960000375



FREQUENCY SPEED CONTROLLER
SFC 400 III 16A *
REF: SFC400III16



ANTI-VIBRATION RUBBER BLOCK
AVR (GENERIC)

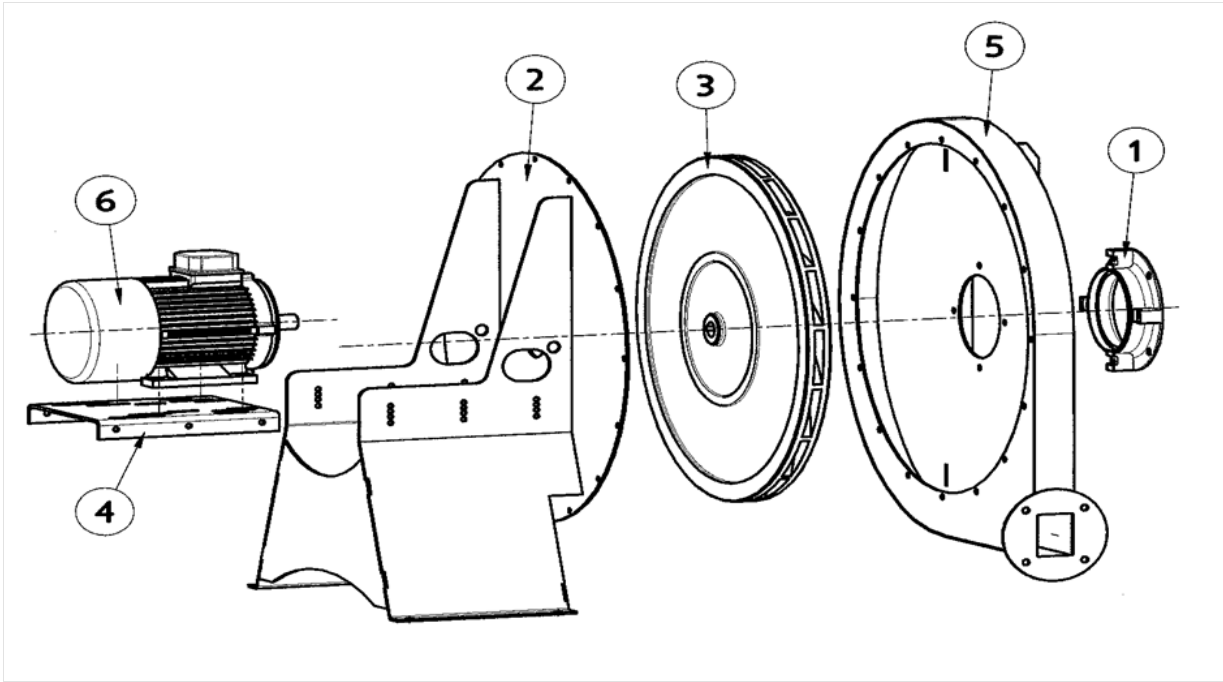


ANTI-VIBRATION SPRING BLOCK
AVS (GENERIC)



ACOUSTIC CABINS FOR CENTRIFUGAL FANS
AB (GENERIC)

SPARE PARTS



	Code	Model	Qty
1	R-255351681	INLET CONE AA59-66-70	x1
2	R-255499204	BASE SUPPORT MOTOR AA70	x1
3	R-255503651	TURBINE AA 70 T2 5,5kW LG	x1
4	R-243631754	MOTOR SUPPORT MBR-MBRF63,71,45P/R(A)	x1
5	R-255499421	CASING AA70	x1

	Code	Model	Qty
6	721001082	MOTOR 7,5kW T2 B3 400/690V	x1