

MA 26 M2 0,37kW

GENERAL DATA



FORWARD ALLUMINIUM IMPELLER FAN, ALLUMINIUM CAST CASING

MANUFACTURING FEATURES:

- Cast aluminium housing.
- Cast aluminium 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.
- Standard position LG 270.

APPLICATIONS:

Designed for inline installation, they are suitable for:

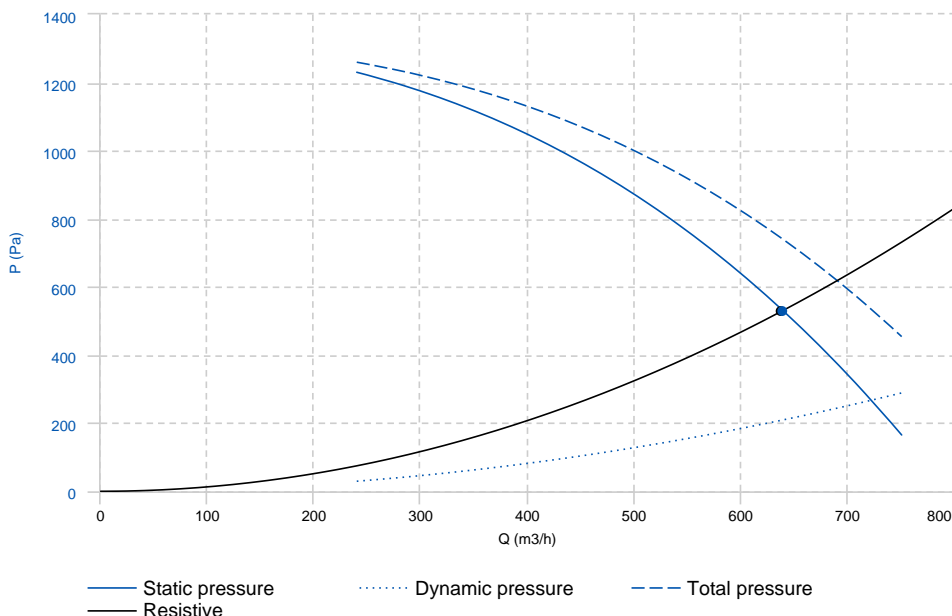
- Industrial applications, extraction or injection of air.
- Cooling of machines and parts.
- Clean and slightly dusty air transport.
- Maximum working temperature: carried air: 130°C, environment: 60°C for three phase motors and 50°C for single phase motors.

UNDER REQUEST:

- Special voltages.
- Position: LG 0, LG 45, LG 90, LG 135, LG 180, LG315.

PERFORMANCE CURVE

20°C 0m 1.2 Kg/m³



Design point	
Flow (m3/h)	637.25
Pressure (Pa)	527.2
Service point	
T.max (°C)	130
Q (m3/h)	639.32
Ps (Pa)	530.64
Pd (Pa)	209.46
Pt (Pa)	740.1
Speed (m/s)	18.69
Pabs (kW)	0.56

TECHNICAL DATA

Fan

RPM	2800	Approx. weight	13 kg	Max. Flow	750 m3/h
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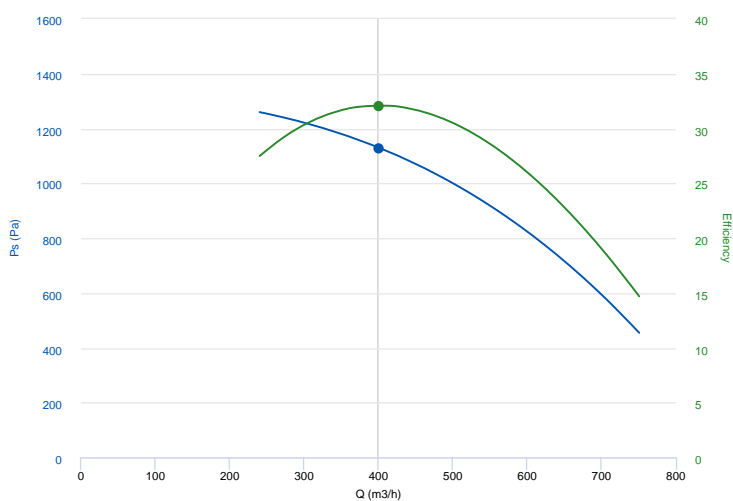
Motor

Power	0,37 kW	RPM	2800	Capacitor	12µF 450V	I max. (230V)	2,61 A
Size	71	Approx. weight	5.7 kg	Efficiency (%)	67 %	FP	0.920000017

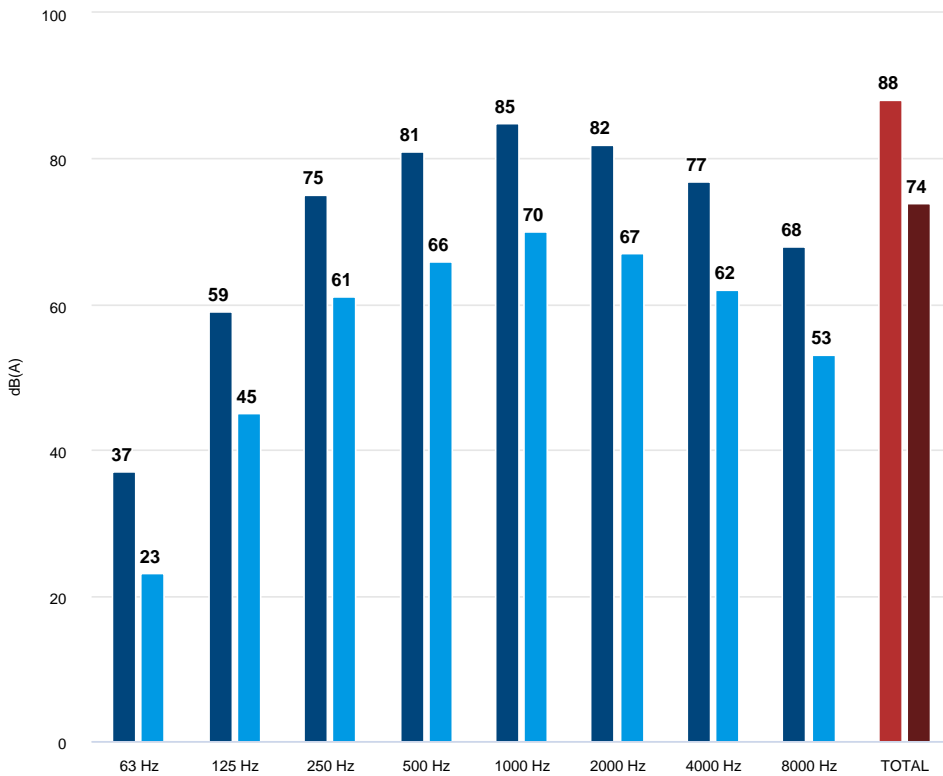
ERP DATA

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)	0.37	
	Fan values	ERP Requirements 2015
Max. efficiency (%)	32.1	40.1
Efficiency grade (N)	40.99	49
Pabs (kW)	0.392	
reports.flow (m3/h)	400.44	
Total pressure (Pa)	1130.12	
Speed (m/s)	2800	
Specific ratio	1.00	



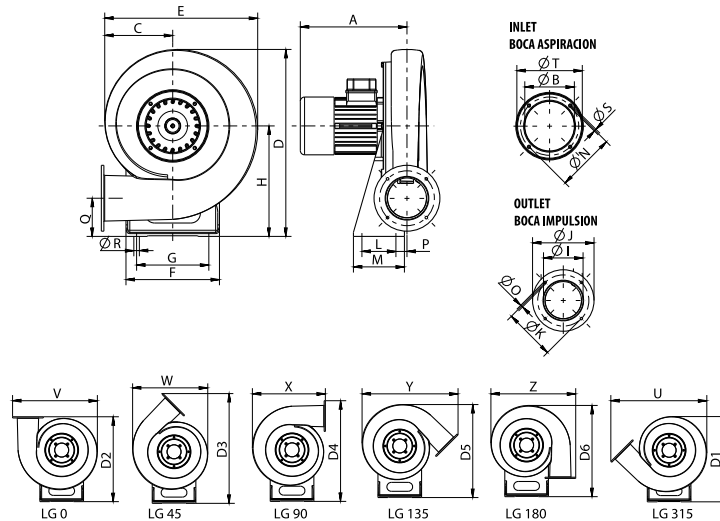
ACOUSTIC DATA



Sound power	
63 Hz	37
125 Hz	59
250 Hz	75
500 Hz	81
1000 Hz	85
2000 Hz	82
4000 Hz	77
8000 Hz	68
TOTAL	88

Sound pressure 1.5m (in)	
63 Hz	23
125 Hz	45
250 Hz	61
500 Hz	66
1000 Hz	70
2000 Hz	67
4000 Hz	62
8000 Hz	53
TOTAL	74

DIMENSIONS



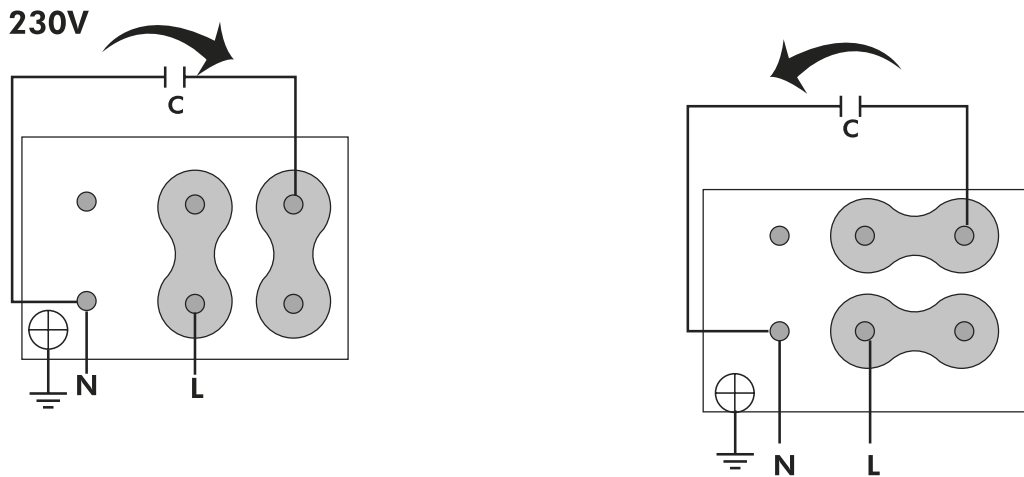
Dimensions (mm)

A	240	BØ	110	C	162	D	413	D1	405
D2	402	D3	519	D4	473	D5	440	D6	431
E	353	F	210	G	160	H	240	I	90
J	140	K	119	L	65	M	105	NØ	132
OØ	6,2	P	18,5	Q	77	RØ	13	SØ	M6

Dimensions (mm)

TØ	152	U	460	V	406	W	363	X	353
Y	460	Z	406						


WIRING DIAGRAM




ACCESSORIES




SAFETY SWITCH
INT 25 3P A
REF: INT253PA




ANTI-VIBRATING FLANGE 400°/2H
BA-400 10/12
REF: 960002068



CONECTION FLANGE
AC 100
REF: 960003202




CIRCULAR-CIRCULAR ANTI-VIBRATION FLANGE
BAD 2
REF: 960003452




INLET PROTECTION GUARD FOR CENTRIFUGAL FANS
RA 12/5
REF: 253061901



ANTI-VIBRATION JOINT
JE 45
REF: 300719201



OUTLET PROTECTION GUARD
RBS 26
REF: 960000379



ANTI-VIBRATION RUBBER BLOCK
AVR (GENERIC)



**ANTI-VIBRATION SPRING BLOCK
AVS (GENERIC)**

SPARE PARTS

	Code	Model	RPM	Degrees	
1	153303651	1 x TURBINE MA26 LG	-	-	
2	720301036	1 x MOTOR 0,37kW M2 B14 230V IEC71	-	-	
3	153301771S	1 x CASING MA26	-	-	
4	153301751S	1 x BASE SUPPORT MOTOR MA26	-	-	