

MAX



CENTRIFUGAL MEDIUM PRESSURE ATEX FAN

MANUFACTURING FEATURES

- Cast aluminium housing.
- Cast aluminium impeller.
- Polyester powder finishing coat.
- ATEX standard asynchronous motor. ATEX certified according to the zone. IP55 protection and class F insulation. Manufactured with standard voltages: 230/400V 50Hz for three phase motors.

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

APPLICATIONS

Designed for inline installation, they are suitable for:

- Ventilation in indoor environments classified as ATEX
- Working temperature: ambient from -20°C to 40°C, transported air according to the ATEX classification.

UNDER REQUEST

- 60Hz fans and special voltages.

ORGANISM: L.O.M.

CERTIFICAT N°: LOM 17.407N-C

In compliance with the Directive 2014/34/UE

Accessories



AB



AC



AVR



AVS



BA-400



BAD



**INT
ATEX**



JE 45



RA



RBS



SFC

Technical data

Single-phase motor

Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
253300104XD	MAX 26 M2 0,37kW	-	-	-	760	63	13	1

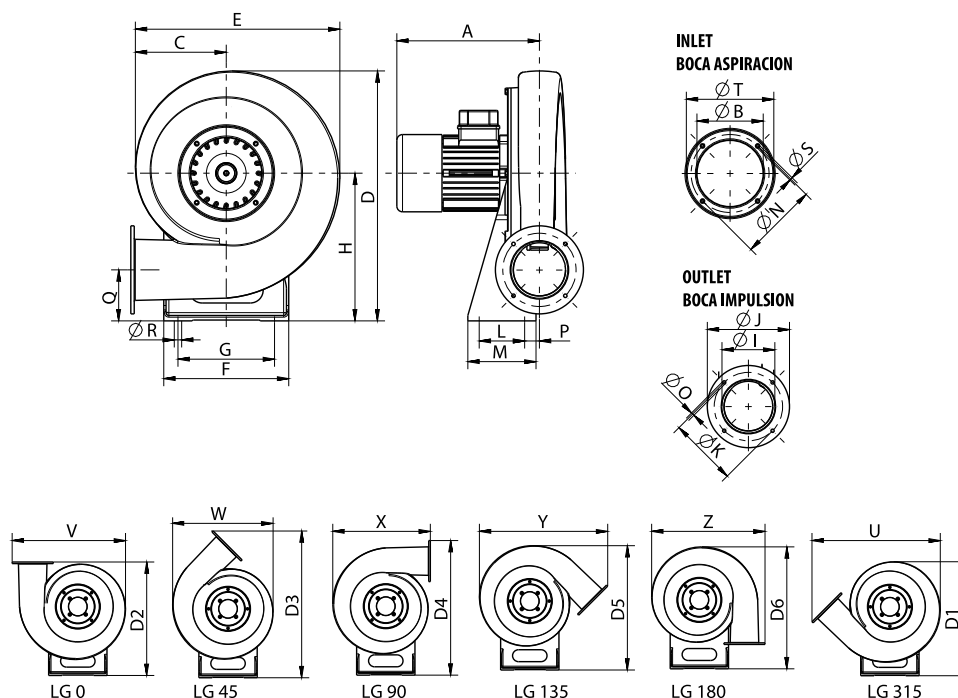
Three-phase motor

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
300951500XN	MAX 26 T2 0,37kW	2850	1,00	0,37	760	63	13	2
300318200XN	MAX 27 T2 0,55kW	2840	1,45	0,55	870	66	14	2
300840800XN	MAX 28 T2 1,1kW	2830	2,6	1,10	1.460	68	20	2
300886500XN	MAX 31 T2 1,5kW	2850	3,95	1,50	1.910	72	30	2
253430106XN	MAX 31 T2 2,2kW	2840	5,4	2,20	2.180	72	30	2

Notes:

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions



Model	A	BØ	C	D	D1	D2	D3	D4	D5
MAX 26 M2 0,37kW	240	110	162	413	405	402	519	473	440
MAX 26 T2 0,37kW	240	110	162	413	405	402	519	473	440
MAX 27 T2 0,55kW	250	125	168	440	431	428	552	505	470
MAX 28 T2 1,1kW	275	125	168	440	470	468	605	558	516
MAX 31 T2 1,5kW	320	160	193	530	518	513	668	620	568
MAX 31 T2 2,2kW	320	160	193	530	518	513	668	620	568

Model	D6	E	F	G	H	IØ	J	KØ	L
MAX 26 M2 0,37kW	431	353	210	160	240	90	140	-	65
MAX 26 T2 0,37kW	431	353	210	160	240	90	140	-	65
MAX 27 T2 0,55kW	460	368	220	170	260	100	155	-	80
MAX 28 T2 1,1kW	505	393	230	166	290	-	182	160	100
MAX 31 T2 1,5kW	555	428	240	190	323	145	200	-	120
MAX 31 T2 2,2kW	555	428	240	190	323	145	200	-	120

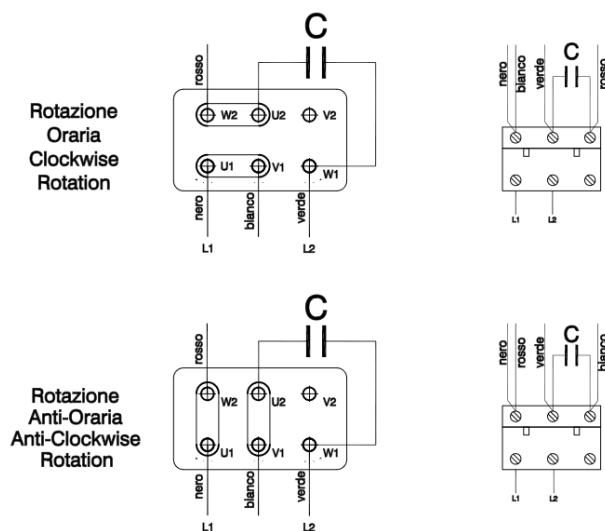
Model	M	NØ	OØ	P	Q	RØ	SØ	TØ	U
MAX 26 M2 0,37kW	105	132	6.2	18.5	77	13	M6	152	460
MAX 26 T2 0,37kW	105	132	6,2	18,5	77	13	M6	152	460
MAX 27 T2 0,55kW	120	147	6,2	26	90	13	M6	165	482
MAX 28 T2 1,1kW	140	162	10,2	20	113	13	M6	187	518

Model	M	NØ	OØ	P	Q	RØ	SØ	TØ	U
MAX 31 T2 1,5kW	160	180	10,2	18,5	122	13	M6	215	570
MAX 31 T2 2,2kW	160	180	10,2	18,5	122	13	M6	215	570

Model	V	W	X	Y	Z	ØI	ØK
MAX 26 M2 0,37kW	406	363	353	460	406	-	119
MAX 26 T2 0,37kW	406	363	353	460	406	-	119
MAX 27 T2 0,55kW	425	381	168	482	425	-	129
MAX 28 T2 1,1kW	460	406	393	518	460	134,5	-
MAX 31 T2 1,5kW	510	445	428	570	510	-	175
MAX 31 T2 2,2kW	510	445	428	570	510	-	175

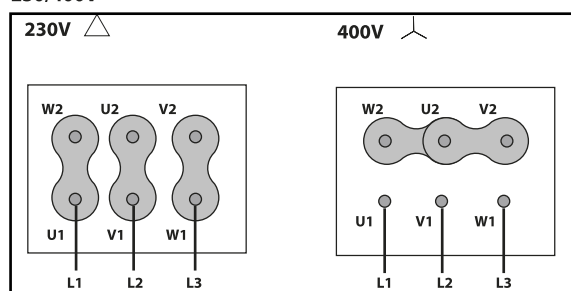
Wiring diagram

Wiring diagram N° 1

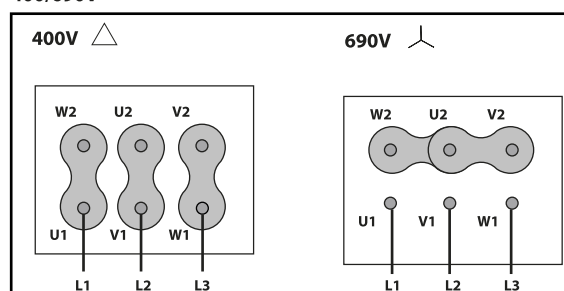


Wiring diagram N° 2

230/400V



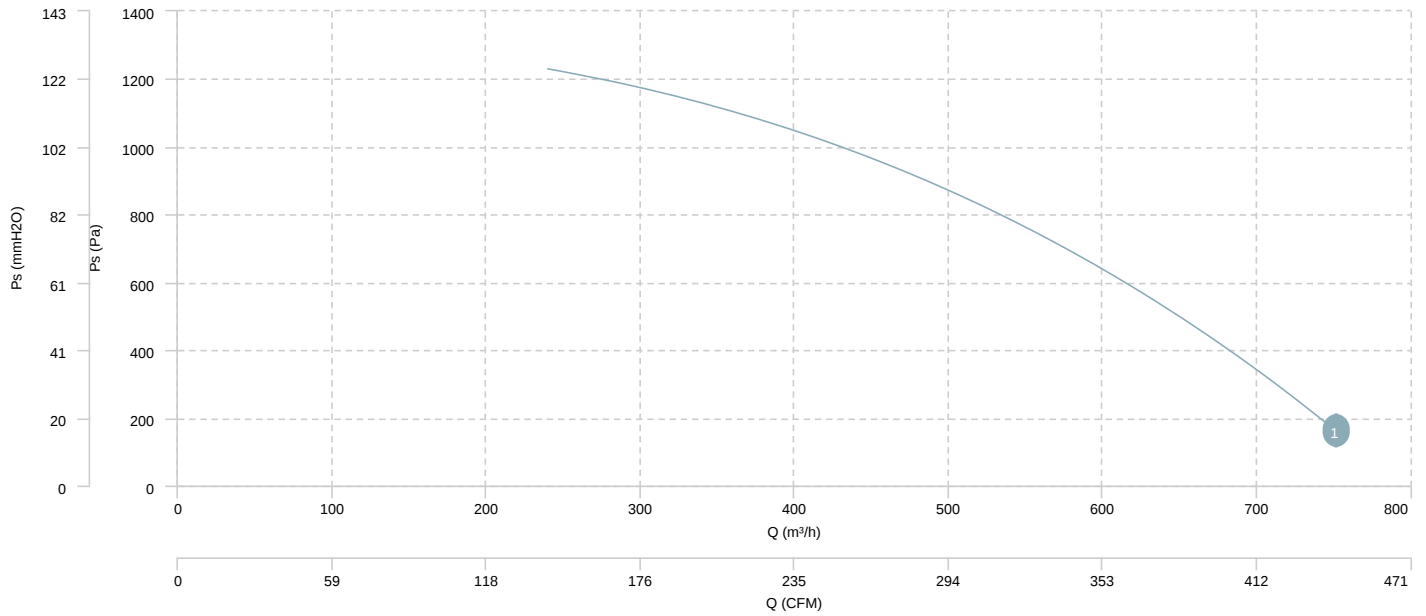
400/690V



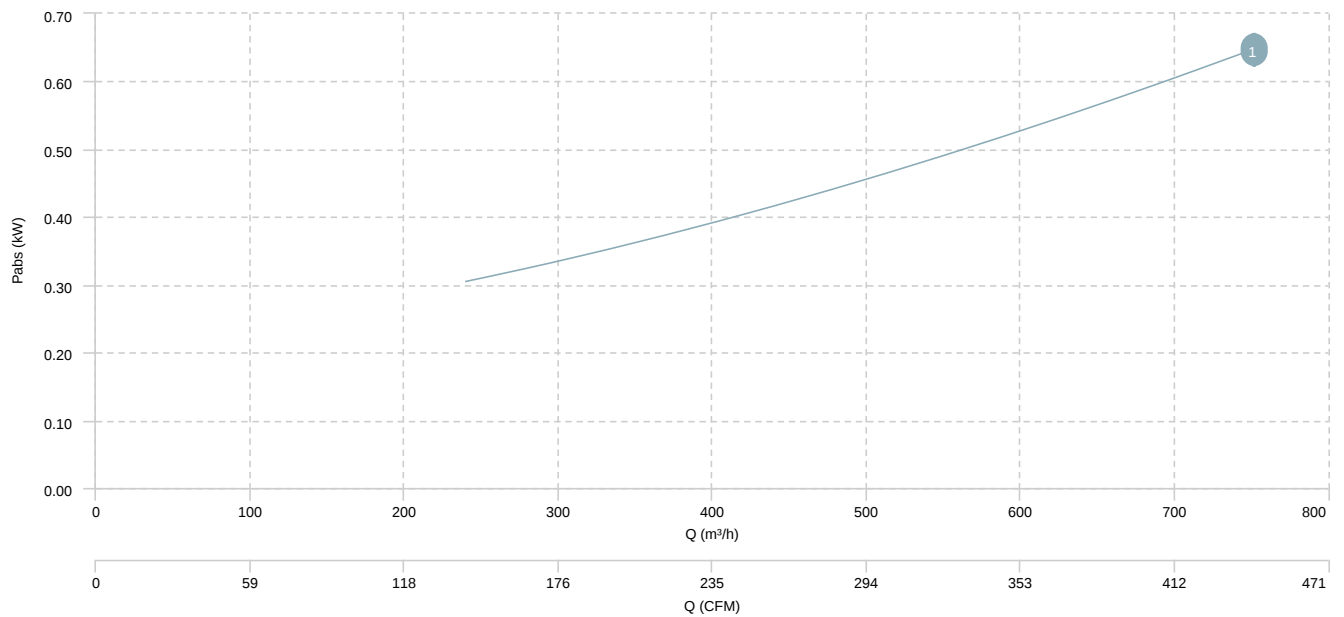
CHARACTERISCTIC CURVE

1 MAX 26 M2 0,37kW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



1 MAX 26 T2 0,37kW

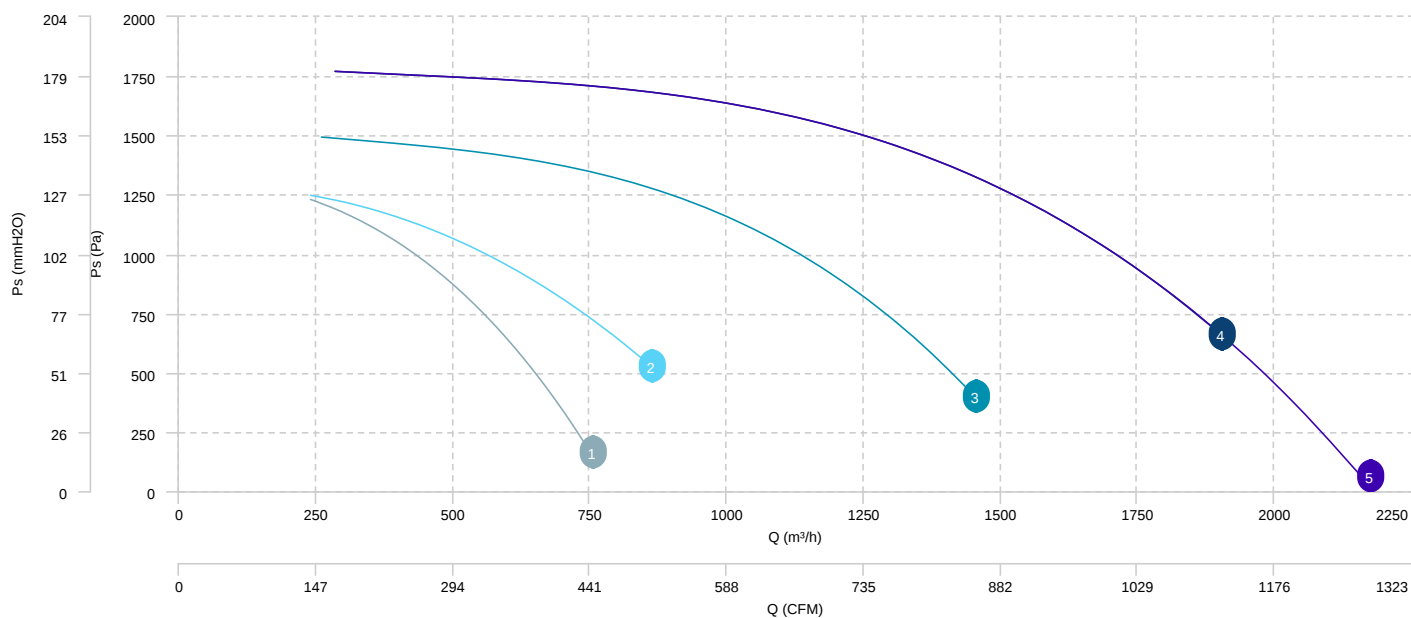
2 MAX 27 T2 0,55kW

3 MAX 28 T2 1,1kW

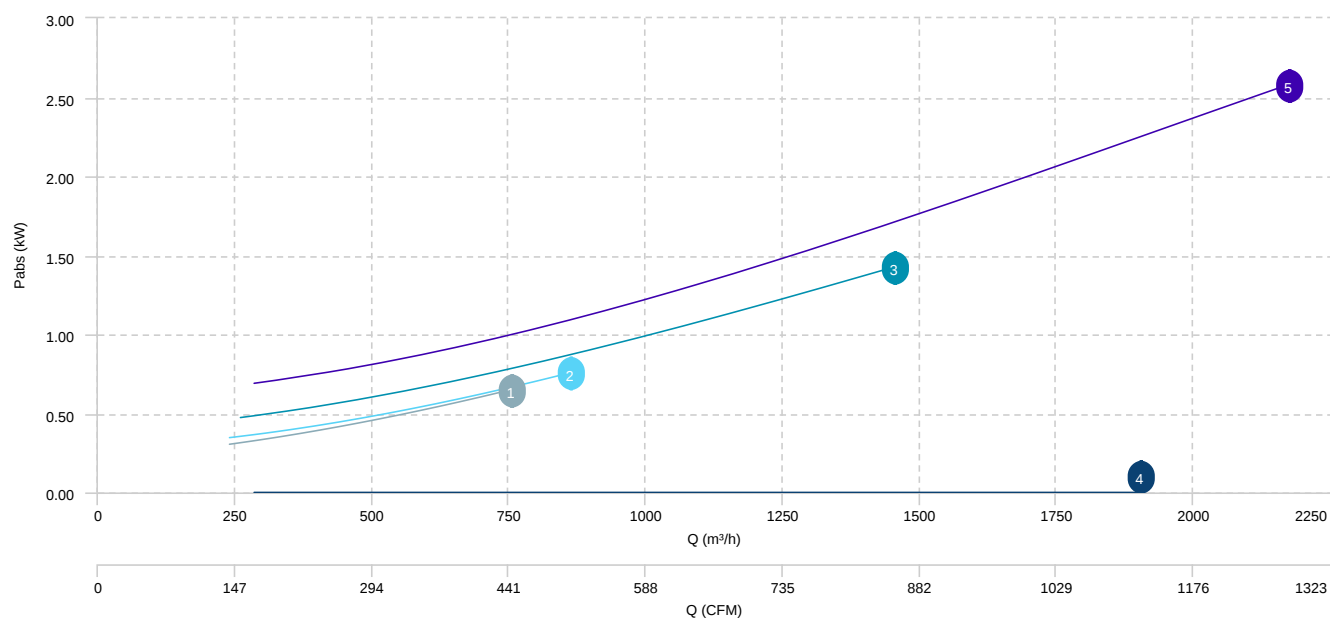
4 MAX 31 T2 1,5kW

5 MAX 31 T2 2,2kW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
MAX 26 M2 0,37kW	Inlet	38	60	76	82	86	83	78	69	89
MAX 26 T2 0,37kW	Inlet	38	60	76	82	86	83	78	69	89
MAX 27 T2 0,55kW	Inlet	41	63	79	84	88	85	80	71	92
MAX 28 T2 1,1kW	Inlet	43	65	81	87	91	88	83	74	94
MAX 31 T2 1,5kW	Inlet	47	69	84	90	94	91	86	77	98
MAX 31 T2 2,2kW	Inlet	47	69	84	90	94	91	86	77	98