AA P/R

Accessories


AB


AC


AVR


AVS


BA-400


EI


INT


JE 45


SFC


SIL-C / SIL-CN

HIGH PRESSURE WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

• Rolling steel sheet housing.
• Fully welded housing.
• Straight blade impeller manufactured of rolled steel sheet and polyester powder finishing coat.
• Polyester powder finishing coat.
• Standard asynchronous squirrel-cage motor with IP-55 protection and class F insulation. Manufactured with standard voltages: 230/400V 50Hz for three phase 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:
• Solid material transport (except for textile fibers).
• Maximum working temperature: carried air: 130ºC, ambient: 60ºC.

UNDER REQUEST:

• 60Hz fans and special voltages.
• 2 speed motors.
• Hot-dipped galvanised or stainless steel fan.

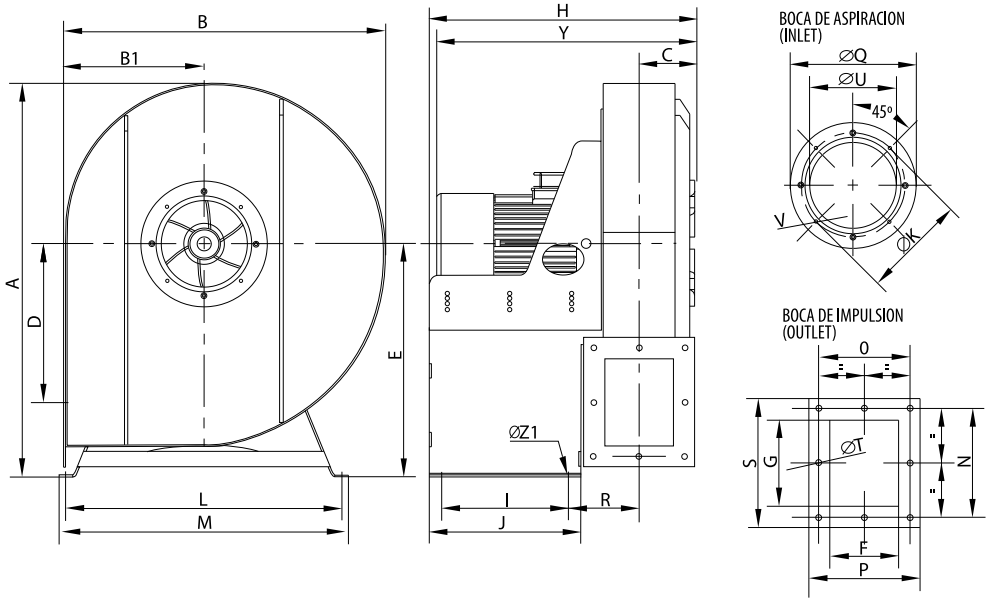
Technical data

Three-phase motor

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
255120160	AA 45/5 T2 2,2kW P/R	2840	7,97	4,58	2,20	2.450	79	68	1
255120161	AA 45/5 T2 3kW P/R	2880	10,3	5,92	3,00	3.300	79	69	1
255150160	AA 50/5 T2 4kW P/R	2880	13,3	7,63	4,00	3.100	83	119	1
255150161	AA 50/5 T2 5,5kW P/R	2910	-	10,6	5,50	4.000	83	120	1
255520160	AA 60/7 T2 11kW P/R	2940	-	20,8	11,00	3.000	85	177	1
255520162	AA 60/7 T2 15kW P/R	2935	-	27,4	15,00	5.100	85	177	1

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	B	B1	C	D	E	F	G	H
AA 45/5 T2 2,2kW P/R	776	635	276,5	115	313	460	135	170	529,5
AA 45/5 T2 3kW P/R	776	635	276,5	115	313	460	135	170	529,5
AA 50/5 T2 4kW P/R	877	716,5	307,25	121	358	520	150	200	583
AA 50/5 T2 5,5kW P/R	877	716,5	307,25	121	358	520	150	200	583
AA 60/7 T2 11kW P/R	922,5	777,5	347,75	132,5	383	535	170	170	640
AA 60/7 T2 15kW P/R	922,5	777,5	347,75	132,5	383	535	170	170	640

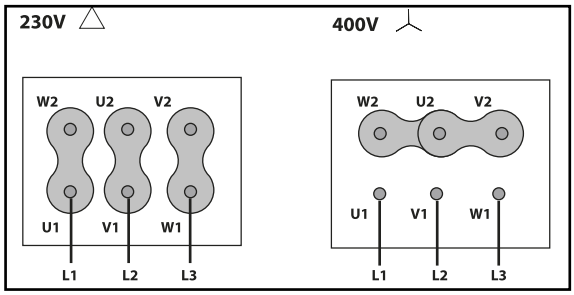
Model	I	J	KØ	L	M	N	O	P	Q
AA 45/5 T2 2,2kW P/R	250	300	205	545	570	215	180	219	249
AA 45/5 T2 3kW P/R	250	300	205	545	570	215	180	219	249
AA 50/5 T2 4kW P/R	275	325	258	589	614	256	206	246	292
AA 50/5 T2 5,5kW P/R	275	325	258	589	614	256	206	246	292
AA 60/7 T2 11kW P/R	315	365	280	589	614	226	226	266	325
AA 60/7 T2 15kW P/R	315	365	280	589	614	226	226	266	325

Model	R	S	TØ	UØ	VØ	Y	Z1Ø
AA 45/5 T2 2,2kW P/R	139,5	254	11	170	M6	504,5	11
AA 45/5 T2 3kW P/R	139,5	254	11	170	M6	514,5	11
AA 50/5 T2 4kW P/R	162	280	11	210	M6	548	11
AA 50/5 T2 5,5kW P/R	162	280	11	210	M6	603	11
AA 60/7 T2 11kW P/R	168	266	11	246	M6	760,5	11
AA 60/7 T2 15kW P/R	168	266	11	246	M6	760,5	11

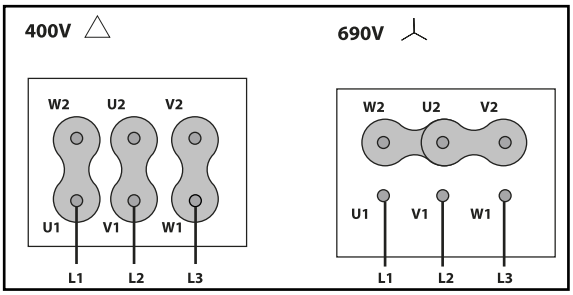
Wiring diagram

Wiring diagram Nº 1

230/400V



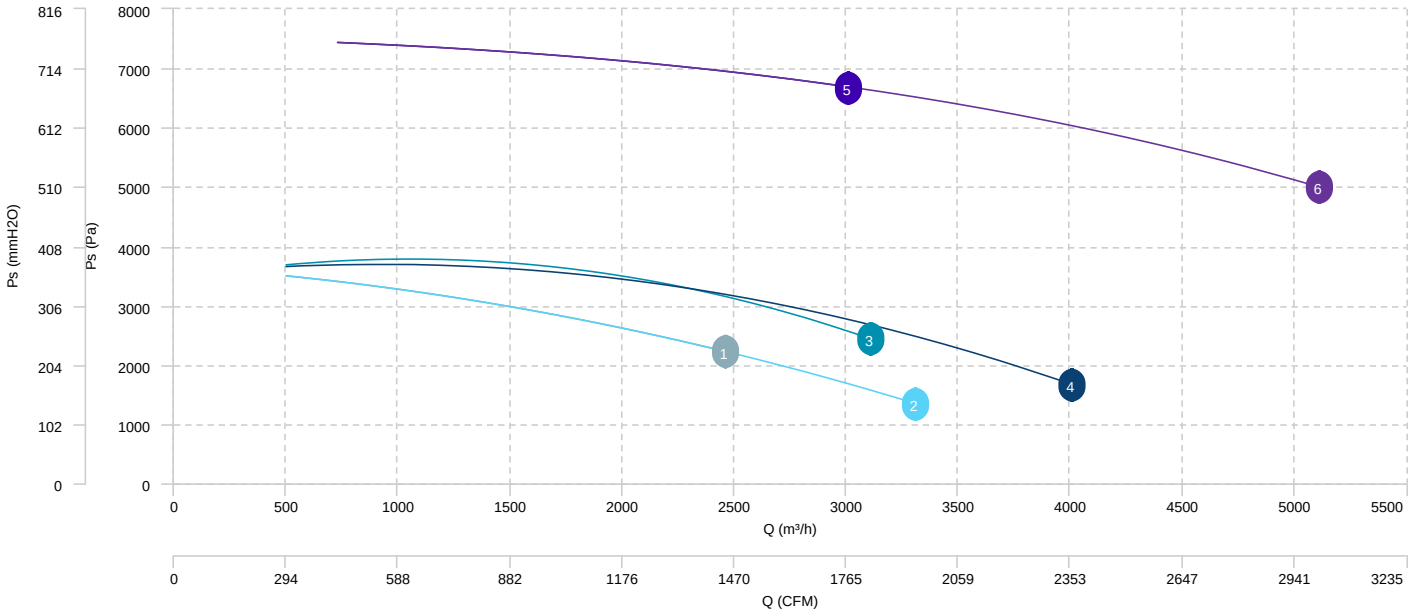
400/690V



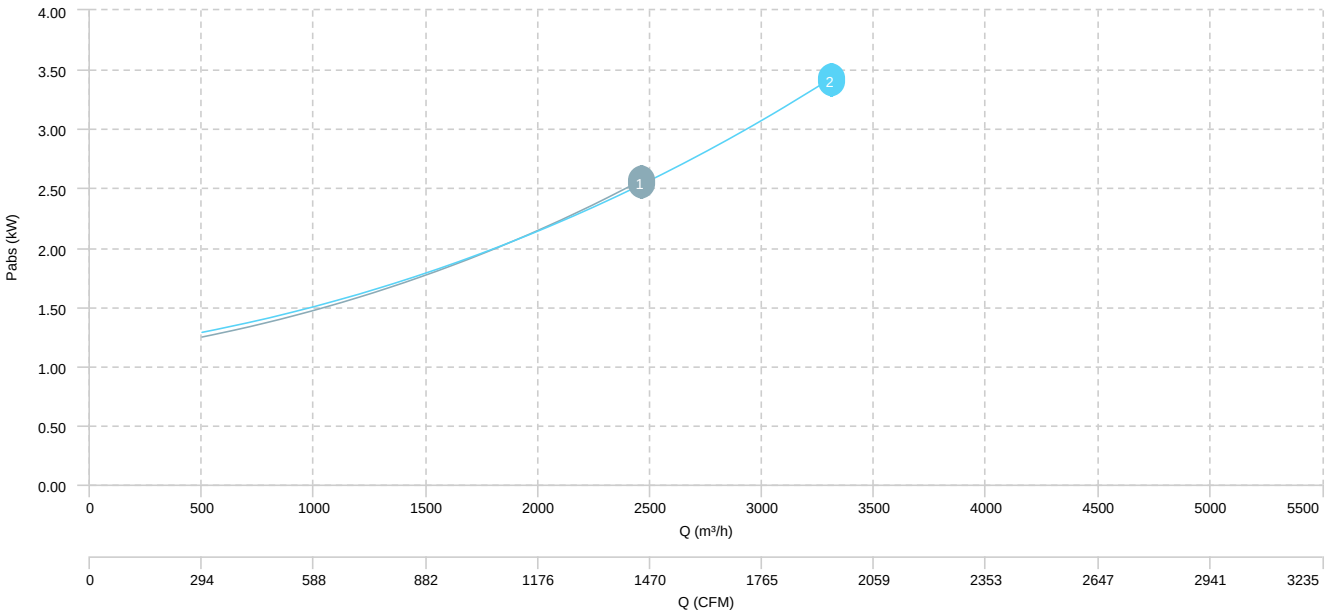
CHARACTERISCTIC CURVE

1	AA 45/5 T2 2,2kW P/R	2	AA 45/5 T2 3kW P/R	3	AA 50/5 T2 4kW P/R	4	AA 50/5 T2 5,5kW P/R
5	AA 60/7 T2 11kW P/R	6	AA 60/7 T2 15kW P/R				

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**
AA 45/5 T2 2,2kW P/R	Inlet	68	83	91	99	100	99	91	92	105
AA 45/5 T2 3kW P/R	Inlet	69	83	92	100	100	100	91	92	105
AA 50/5 T2 4kW P/R	Inlet	71	85	94	103	104	103	95	96	109
AA 50/5 T2 5,5kW P/R	Inlet	71	86	95	103	105	103	96	96	109
AA 60/7 T2 11kW P/R	Inlet	72	88	97	104	107	104	98	97	111
AA 60/7 T2 15kW P/R	Inlet	72	88	97	104	107	104	98	97	111