

HJB



BELT DRIVE AXIAL FAN FOR HUGE AIR FLOW

MANUFACTURING FEATURES:

- Completely made of galvanized steel sheet.
- Equipped with gravity shutter.
- Stainless steel impeller (AISI 430).
- Protection grid on pulley area.
- Standard asynchronous squirrel-cage motor with IP-55 protection and class F insulation. Manufactured with standard voltage: 230/400V 50Hz
- Internal wiring box. Inspection door for motor access.

APPLICATIONS:

Designed for wall assembly, they are suitable for:

- Air renewal in buildings and industries.
- Farms and greenhouses.
- Maximum working temperature: 50°C.

UNDER REQUEST

Option 60Hz



INT

Technical data

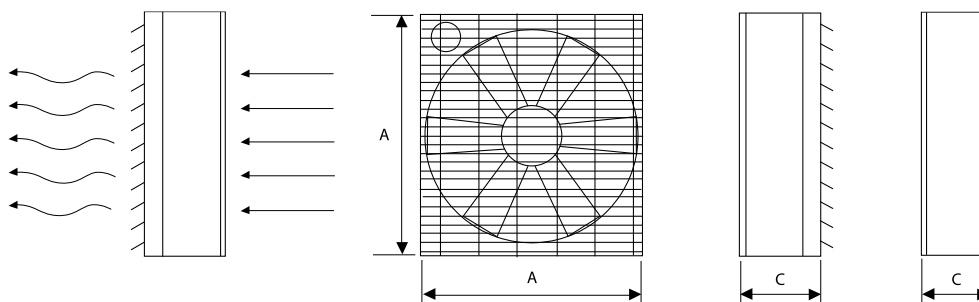
Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
509111034	HJB 90 T4 0,55kW	1390	2,5	1,4	0,55	15.600	63	80	1
509111044	HJB 110 T4 0,75KW	1450	3,5	2,00	0,75	25.800	65	88	1
509112244	HJB 120 T4 1,1KW	1450	4,7	2,7	1,10	32.600	62	97	1
509113845	HJB 140 T4 1,1KW	1450	4,7	2,7	1,10	41.100	61	110	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

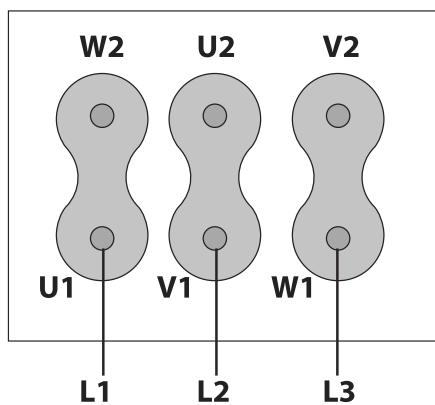


Model	A	C
HJB 90 T4 0,55kW	900	400
HJB 110 T4 0,75KW	1100	400
HJB 120 T4 1,1KW	1220	400
HJB 140 T4 1,1KW	1380	400

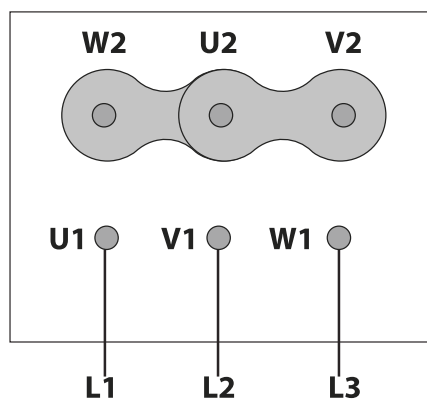
Wiring diagram

Wiring diagram Nº 1

230V 



400V 



CHARACTERISCTIC CURVE

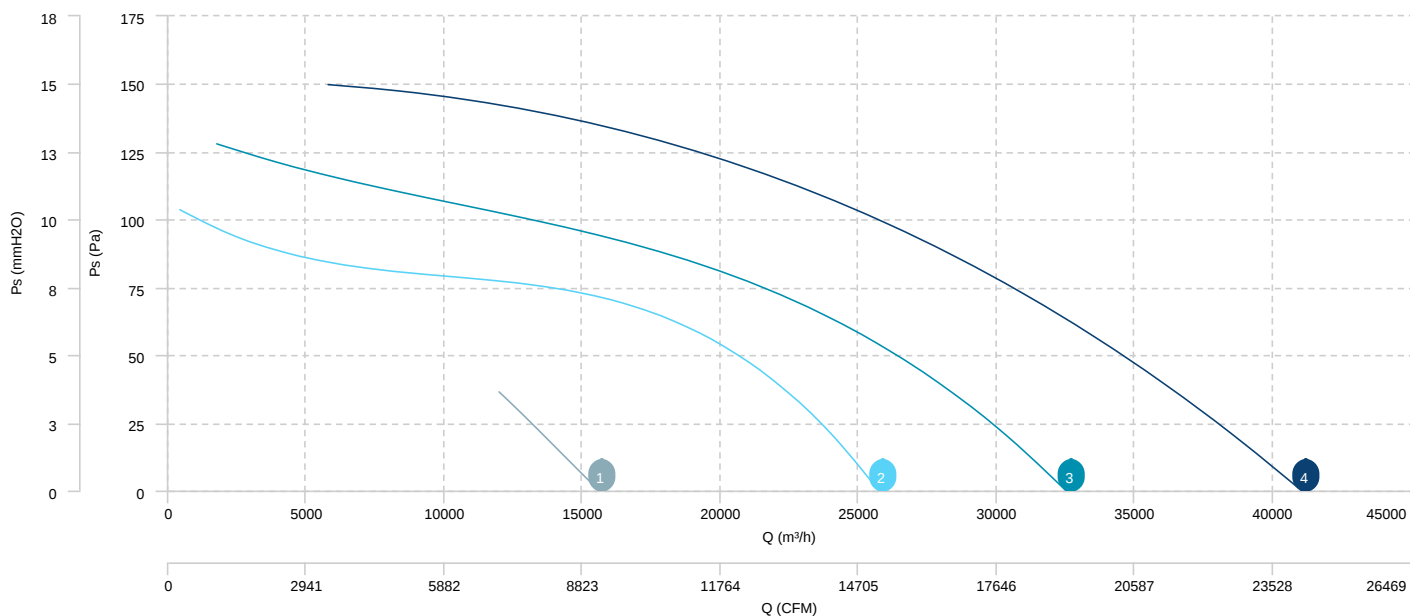
1 HJB 90 T4 0,55kW

2 HJB 110 T4 0,75KW

3 HJB 120 T4 1,1KW

4 HJB 140 T4 1,1KW

AIR FLOW - PRESSURE



Sound data

Sound / 4 poles

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HJB 90 T4 0,55kW ()	Inlet	68	77	81	84	83	79	73	65	89
HJB 110 T4 0,75KW ()	Inlet	70	79	83	86	85	81	75	67	91
HJB 120 T4 1,1KW ()	Inlet	67	76	80	83	82	78	72	64	88
HJB 140 T4 1,1KW ()	Inlet	66	75	80	82	82	77	72	64	87

Notes:

* To calculate the sound power level at different rpm from those indicated above, use the following formula:

$$Lw \text{ dB(A)}_{rpmA} = Lw \text{ dB(A)}_{rpmB} + 52.5 \cdot \log_{10} \frac{rpmA}{rpmB}$$