

HH-2



EXTERNAL MOTOR, VARIABLE PITCH BLADES

MANUFACTURING FEATURES:

- Long case fan.
- Transmission ball bearings set inside a sealed cast iron box.
- Cast aluminium impeller with variable pitch angle in origin.
- 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.
- Inspection door.

APPLICATIONS:

Designed for inline installation, they are suitable for:

- Air renewal in buildings and industries.
- Extraction of hot air up to 90°C.
- Maximum working temperature: carried air: 90°C, ambient 60°C.

Accessories



AC



BAD



INT



JE 45



RA



SFC

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor),
- Reversible impeller.
- Polyamide impeller.
- 60Hz fans and special voltages.
- 2 speed motors.
- Hot-dipped galvanised.

Technical data

Three-phase motor / 2 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					
280352106	HH-2 35 T2 0,55kW	2800	2,23	1,29	0,55	4.110	-	31	
280402306	HH-2 40 T2 1,1kW	2800	4,05	2,33	1,10	6.880	-	57	
280452306	HH-2 45 T2 2,2kW	2840	7,97	4,58	2,20	10.050	-	58	

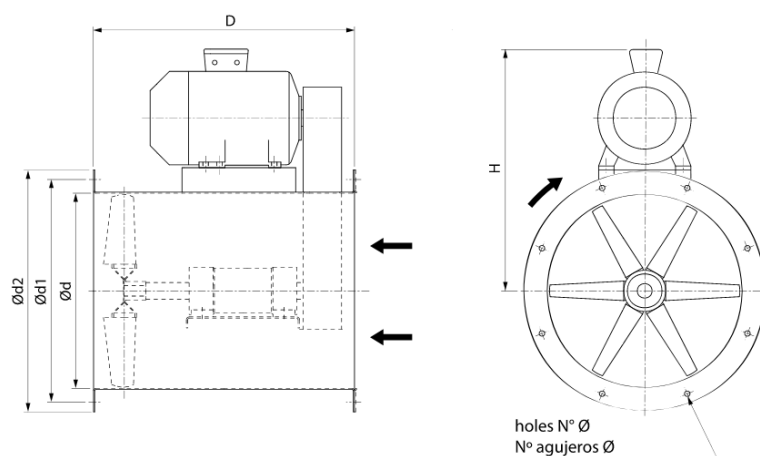
Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A		Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
			230V	400V					
280354106	HH-2 35 T4 0,37kW	1370	1,86	1,07	0,37	3.700	-	31	
280404306	HH-2 40 T4 0,37kW	1370	1,86	1,07	0,37	4.940	-	52	
280454206	HH-2 45 T4 0,37kW	1370	1,86	1,07	0,37	5.520	-	39	
280504106	HH-2 50 T4 0,55kW	1440	2,57	1,49	0,55	6.880	-	55	
280504206	HH-2 50 T4 0,75kW	1410	2,83	1,63	0,75	8.000	-	55	
280564106	HH-2 56 T4 1,1kW	1450	4,33	2,49	1,10	11.260	-	72	
280634106	HH-2 63 T4 1,1kW	1450	4,33	2,49	1,10	13.640	-	83	
280634206	HH-2 63 T4 1,5kW	1450	5,67	3,26	1,50	15.420	-	83	
280714106	HH-2 71 T4 1,1kW	1450	4,33	2,49	1,10	17.120	-	87	
280714206	HH-2 71 T4 1,5kW	1450	5,67	3,26	1,50	19.120	-	87	
280714306	HH-2 71 T4 2,2kW	1435	8,07	4,64	2,20	21.430	-	95	
280804306	HH-2 80 T4 2,2kW	1435	8,07	4,64	2,20	24.380	-	110	
280804406	HH-2 80 T4 3kW	1420	10,7	6,17	3,00	27.870	-	110	
280804506	HH-2 80 T4 4kW	1440	14,5	8,32	4,00	30.970	-	117	
280904406	HH-2 90 T4 4kW	1440	14,5	8,32	4,00	35.110	-	126	
280904506	HH-2 90 T4 5,5kW	1460	-	10,5	5,50	39.970	-	150	

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	D	H	N	d	d1	d2	Ø
HH-2 35 T2 0,55kW	475	400	8	355	405	440	12
HH-2 35 T4 0,37kW	475	400	8	355	405	440	12
HH-2 40 T2 1,1kW	475	445	12	400	448	485	12
HH-2 40 T4 0,37kW	475	420	12	400	448	485	12
HH-2 45 T2 2,2kW	475	510	12	450	497	535	12
HH-2 45 T4 0,37kW	475	460	12	450	497	535	12
HH-2 50 T4 0,55kW	560	500	12	500	551	585	14
HH-2 50 T4 0,75kW	560	500	12	500	551	585	14
HH-2 56 T4 1,1kW	560	570	12	560	629	665	14
HH-2 63 T4 1,1kW	740	610	12	630	696	735	14
HH-2 63 T4 1,5kW	740	610	12	630	696	735	14
HH-2 71 T4 1,1kW	740	650	16	710	775	815	14
HH-2 71 T4 1,5kW	740	650	16	710	775	815	14
HH-2 71 T4 2,2kW	740	670	16	710	775	815	14
HH-2 80 T4 2,2kW	740	720	16	800	861	905	14
HH-2 80 T4 3kW	740	720	16	800	861	905	14
HH-2 80 T4 4kW	740	730	16	800	861	905	14
HH-2 90 T4 4kW	800	780	16	900	958	1005	14
HH-2 90 T4 5,5kW	800	820	16	900	958	1005	14

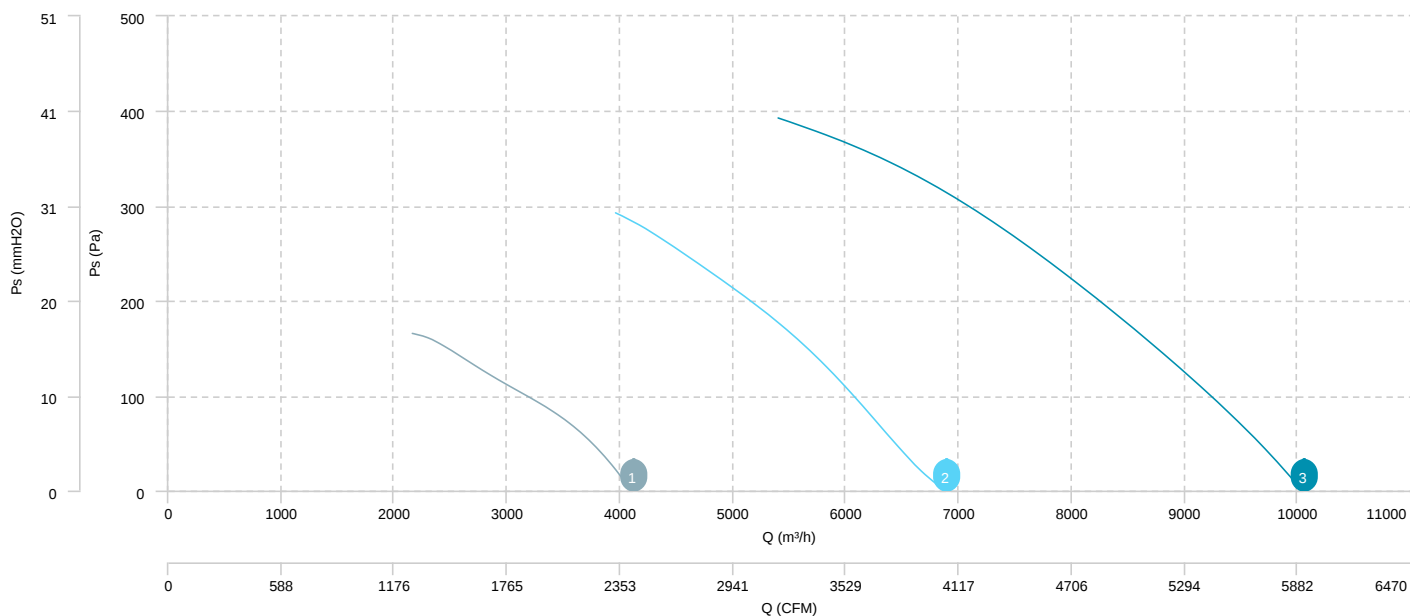
CHARACTERISTIC CURVE

1 HH-2 35 T2 0,55kW

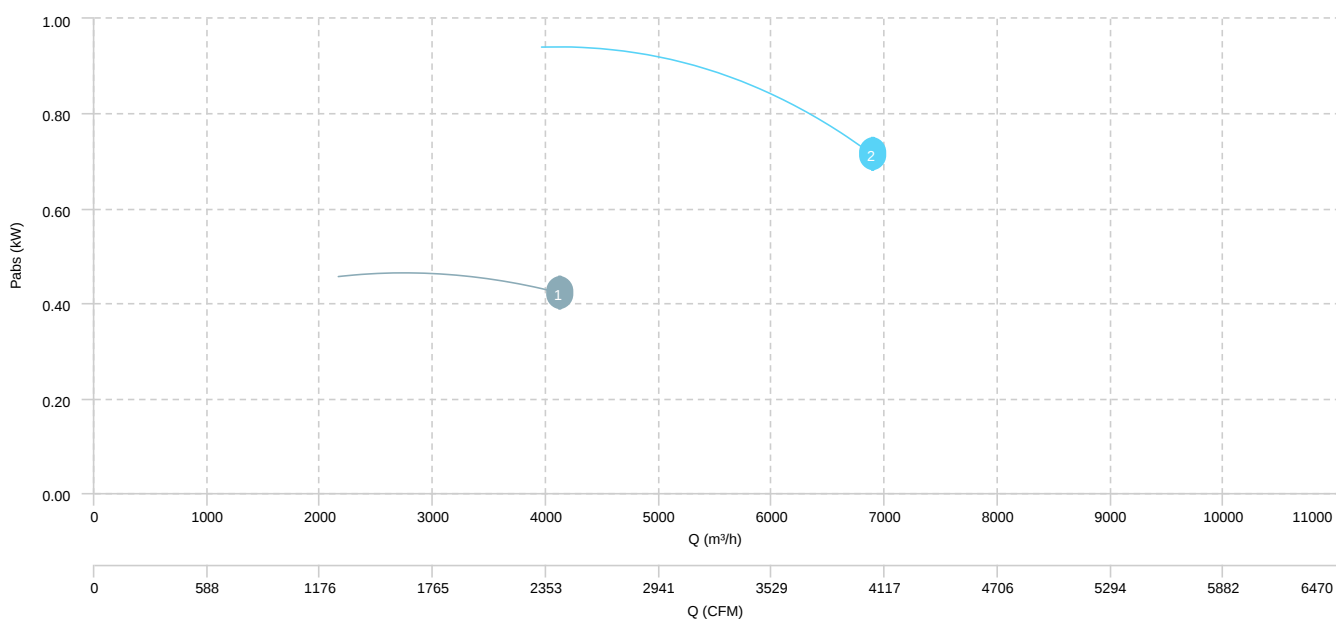
2 HH-2 40 T2 1,1kW

3 HH-2 45 T2 2,2kW

AIR FLOW - PRESSURE

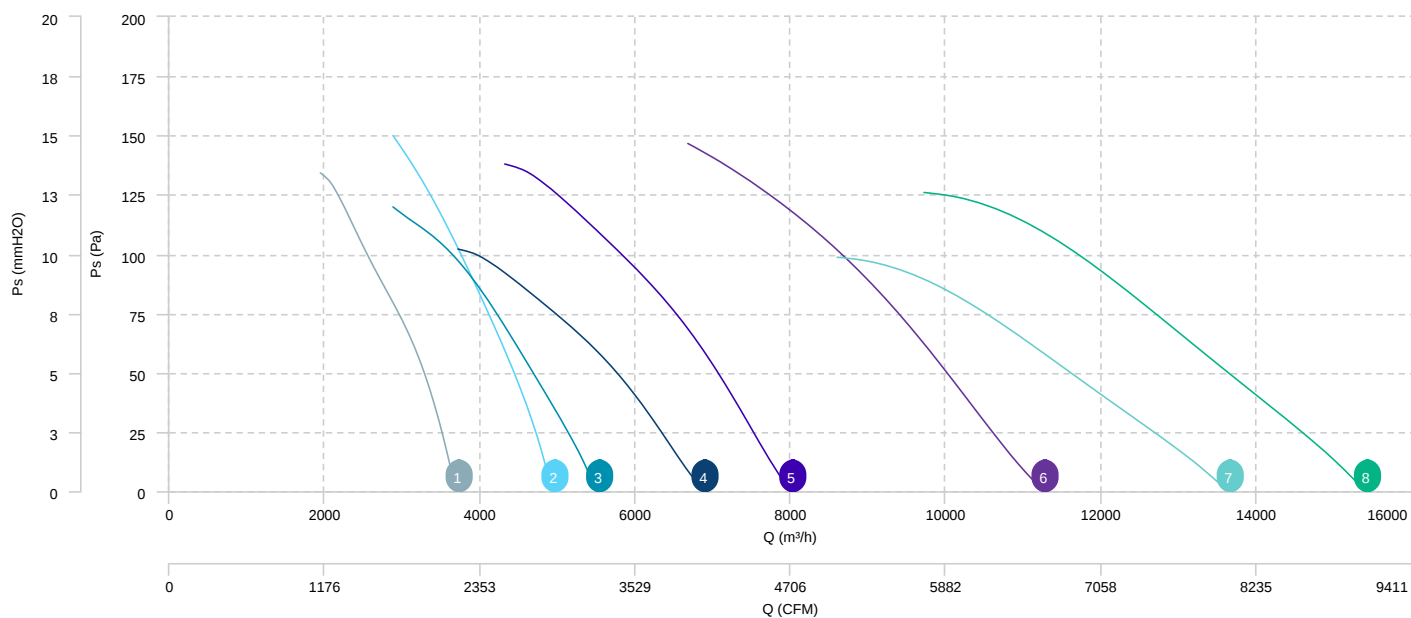


AIR FLOW - ABSORBED POWER

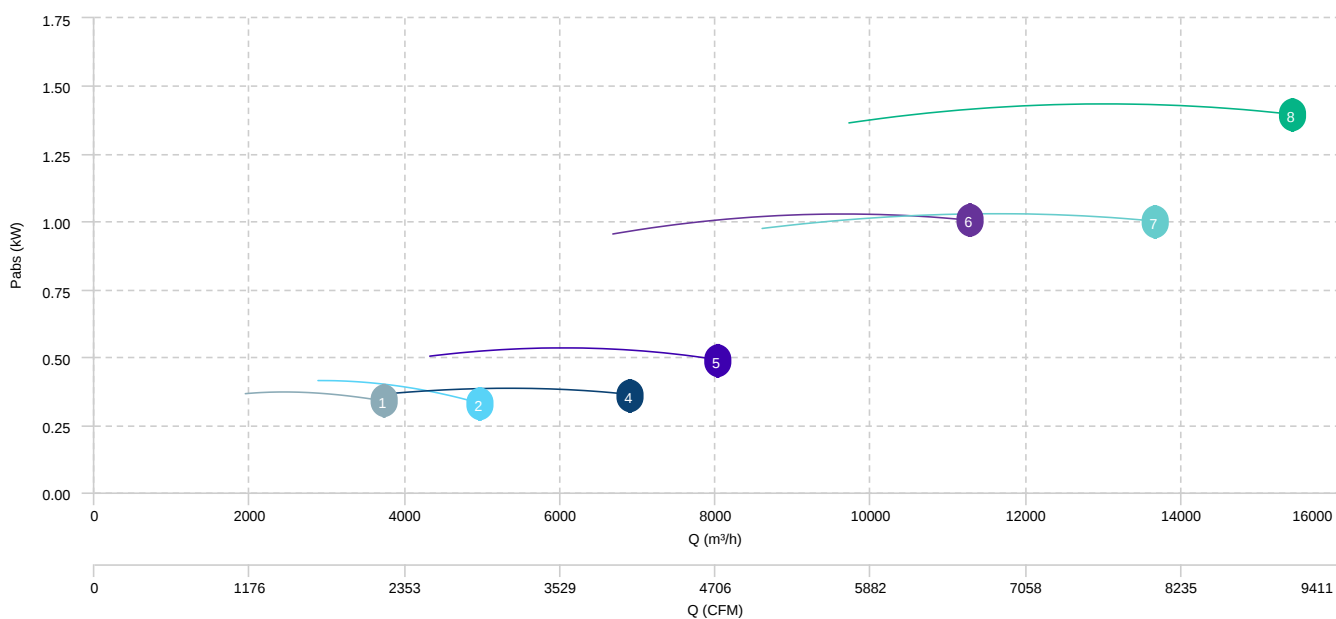


1	HH-2 35 T4 0,37kW	2	HH-2 40 T4 0,37kW	3	HH-2 45 T4 0,37kW	4	HH-2 50 T4 0,55kW
5	HH-2 50 T4 0,75kW	6	HH-2 56 T4 1,1kW	7	HH-2 63 T4 1,1kW	8	HH-2 63 T4 1,5kW

AIR FLOW - PRESSURE

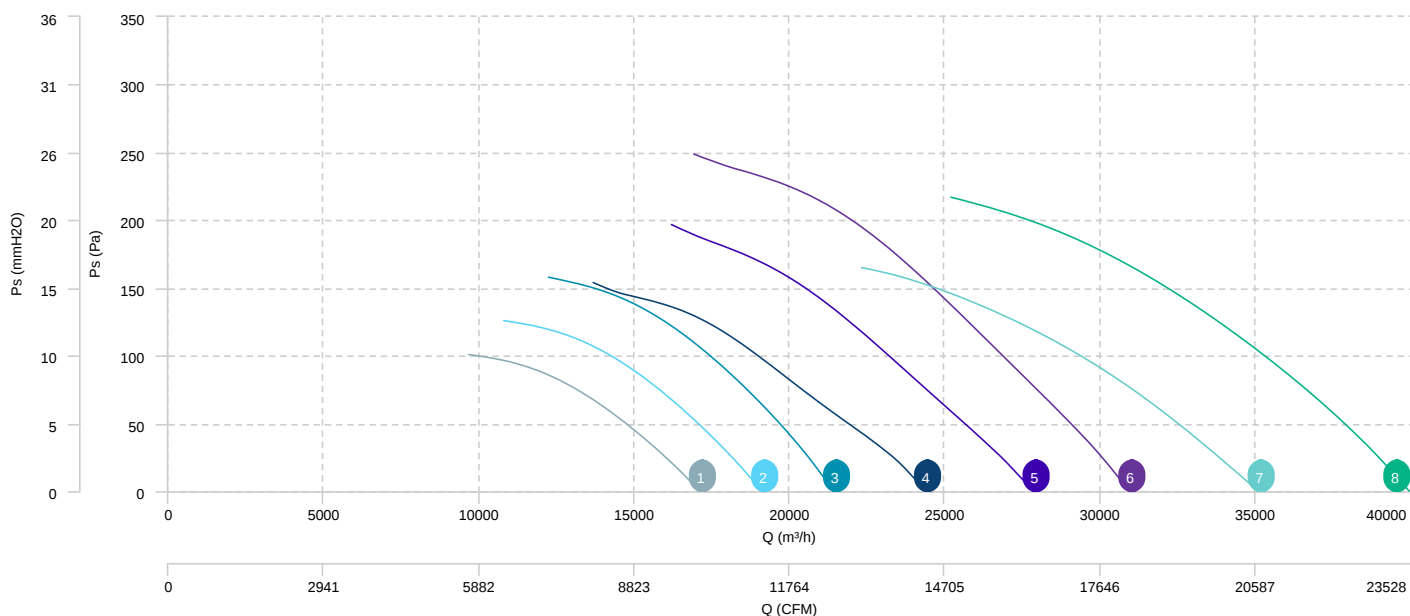


AIR FLOW - ABSORBED POWER



1	HH-2 71 T4 1,1kW	2	HH-2 71 T4 1,5kW	3	HH-2 71 T4 2,2kW	4	HH-2 80 T4 2,2kW
5	HH-2 80 T4 3kW	6	HH-2 80 T4 4kW	7	HH-2 90 T4 4kW	8	HH-2 90 T4 5,5kW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER

