

HI



### PORTABLE FAN WITH ON/OFF SWITCH AND INDUSTRIAL PLUG

#### MANUFACTURING FEATURES

- Fan with reinforced tubular casing made of laminated steel sheet.
- Modular assembly of the propeller motor assembly that allows total versatility in case of any change.
- Polypropylene propeller for A2 profile and fiberglass reinforced polyamide for the rest of the variable angle profiles at stop and at origin.
- Protected against corrosion by polyester resin powder coating.
- Includes stop-start switch and cetac type plug (industrial use).
- Protective grilles on both sides, in compliance with the ROHS directive 2002/95/EC (Restriction of hazardous substances in electrical and electronic equipment).
- Possibility of directing the air jet in any position.
- The fan is supplied with support feet and protective grilles separately.
- Standardized squirrel cage asynchronous motor with IP-55 protection and class F insulation. Standard voltages 230V 50Hz for single-phase motors, 230/400V 50Hz for three-phase motors.

#### APPLICATIONS

Designed to be moved easily, they are indicated for:

- Ventilation of workplaces.
- Drying of parts and surfaces.
- Maximum continuous working temperature: single-phase 50°C, three-phase 60°C.

## Technical data

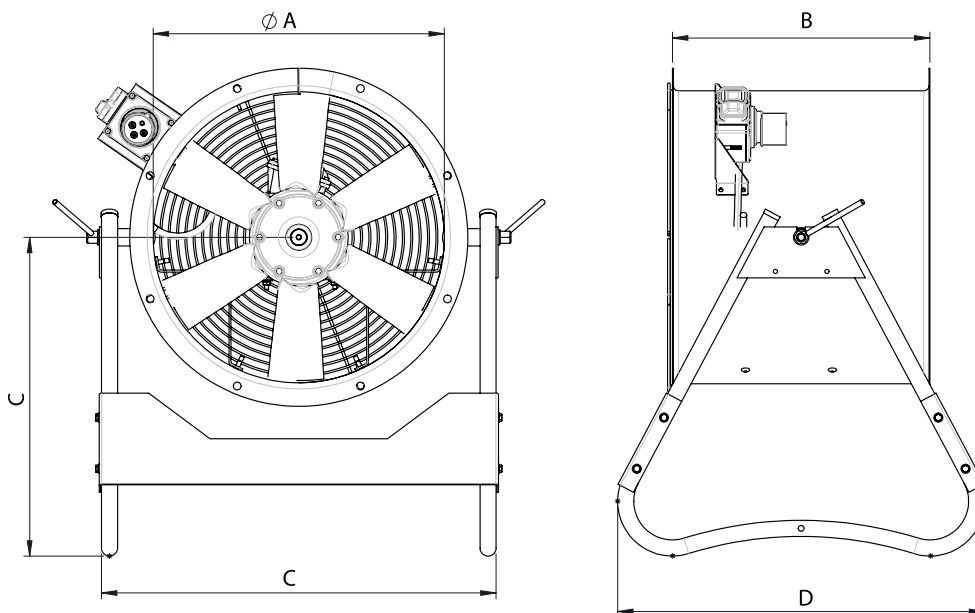
### Single-phase motor

Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m <sup>3</sup> /h	Sound db (A)**	Weight kg	Connect. diagram
HI147130640P	HI 45 M6 (A0:6) 0,12kW 40°	900	1,05	0,12	4.120	38	-	
HI152130640P	HI 50 M6 (A0:6) 0,18kW 40°	850	1,7	0,18	5.270	39	-	
HI158535640P	HI 56 M6 (A5:6) 0,55kW 40°	890	3,9	0,55	9.050	59	-	
HI165532940P	HI 63 M6 (A2:9) 0,75kW 40°	900	4,9	0,75	12.700	50	-	

**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

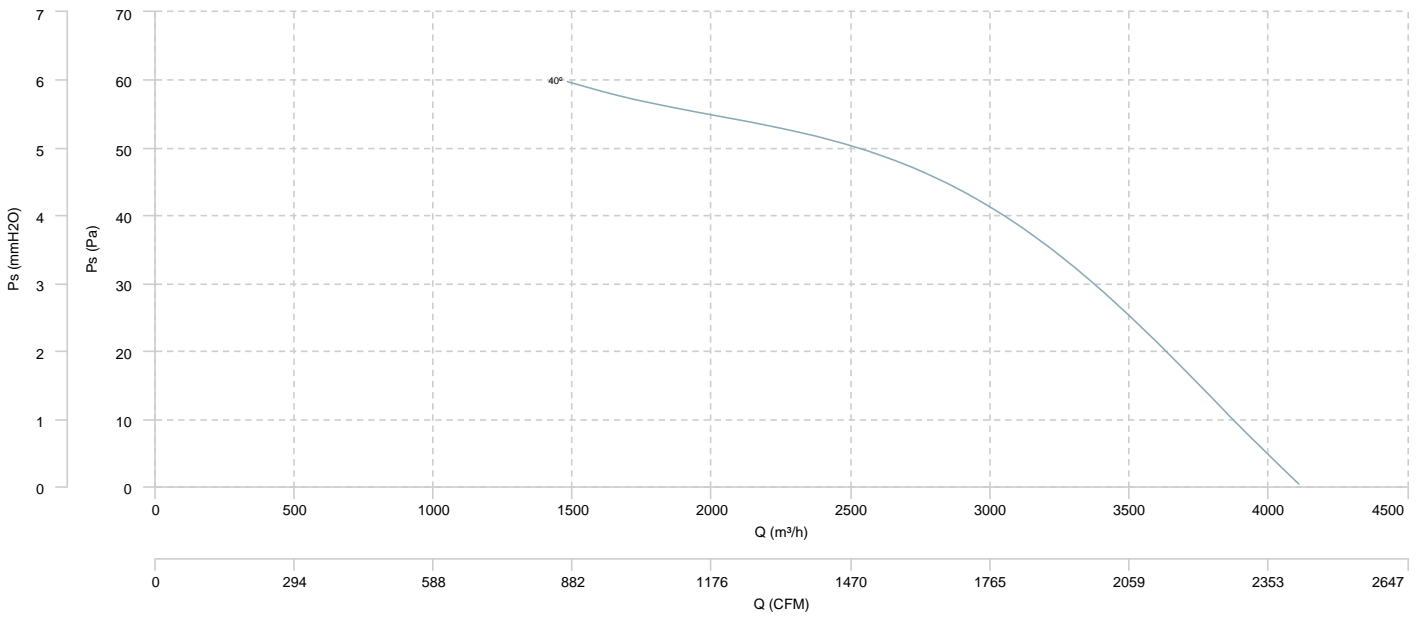


Model	A	B	C	D	E	F
HI 45 M6 (A0:6) 0,12kW 40°	452	400	613	570	495	757
HI 50 M6 (A0:6) 0,18kW 40°	504	440	658	700	650	950
HI 56 M6 (A5:6) 0,55kW 40°	559	560	713	700	650	973
HI 63 M6 (A2:9) 0,75kW 40°	633	550	783	700	650	1012

## CHARACTERISTIC CURVE

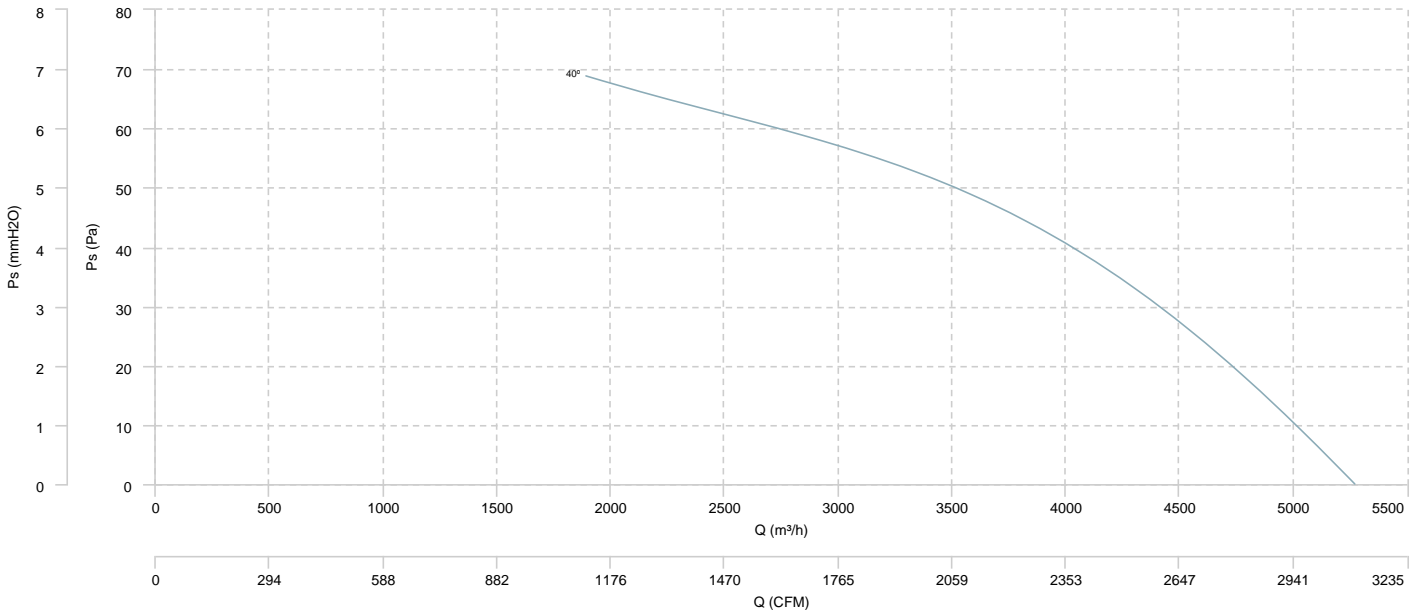
HI 45 M6 (A0:6) 0,12kW  
40°

### AIR FLOW - PRESSURE



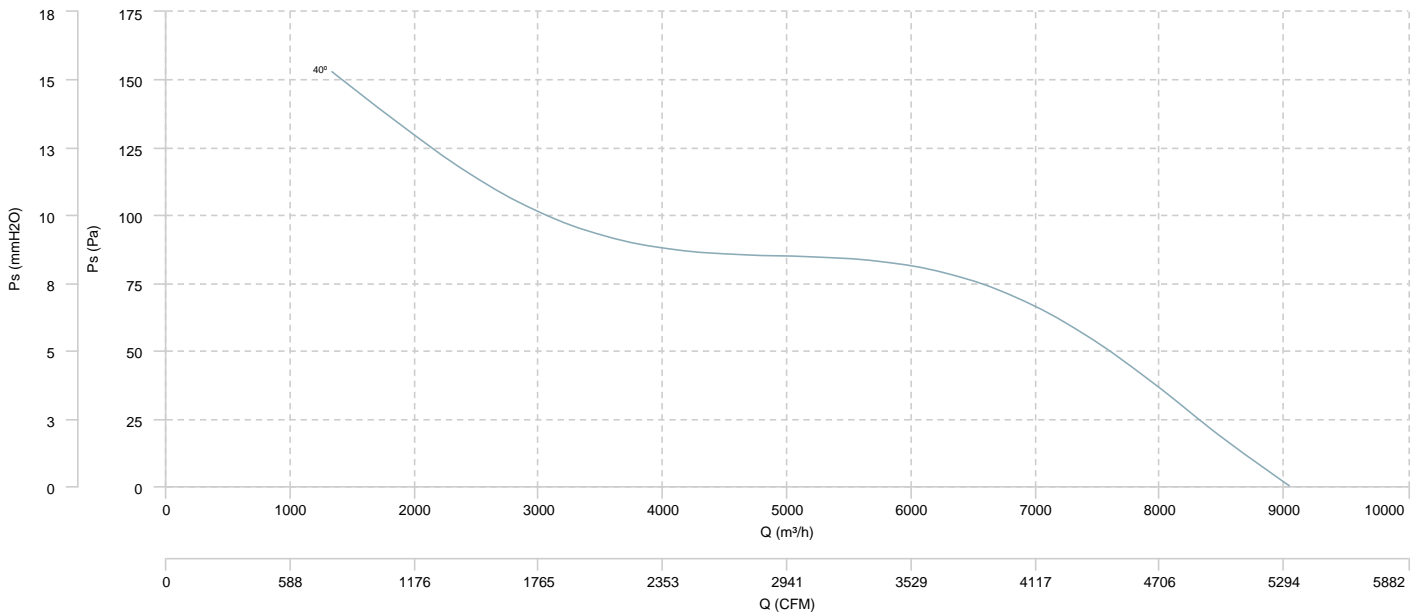
HI 50 M6 (A0:6) 0,18kW  
40°

**AIR FLOW - PRESSURE**

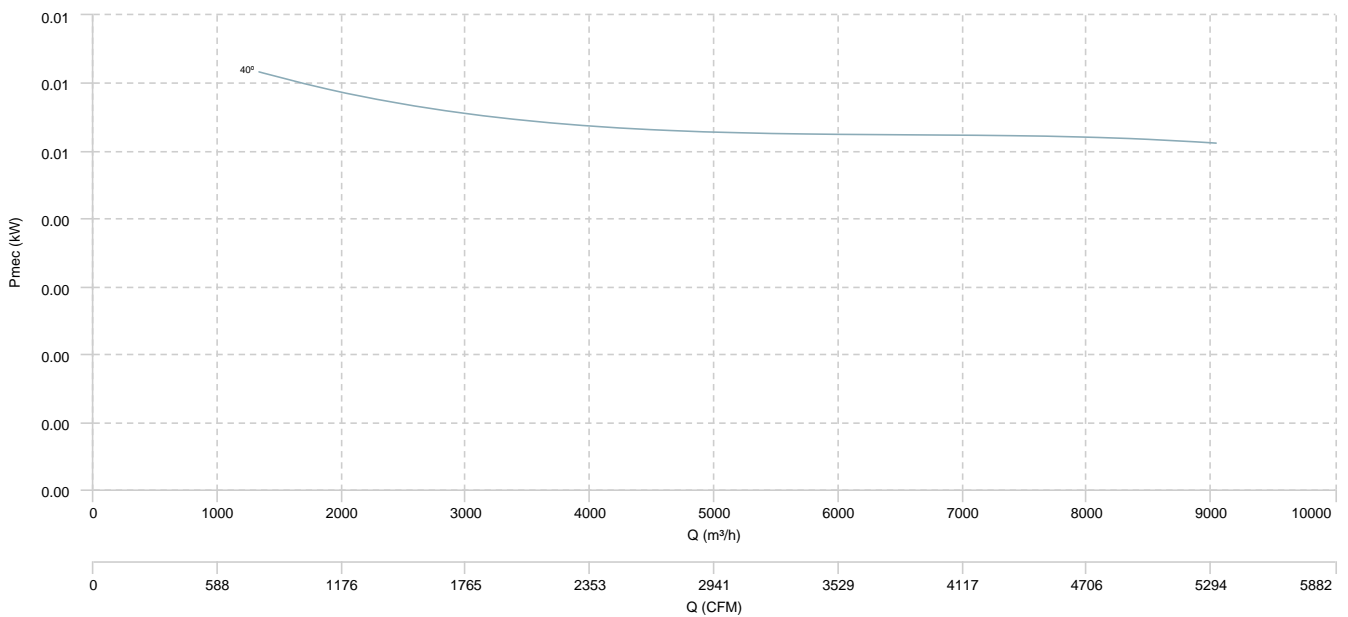


HI 56 M6 (A5:6) 0,55kW  
40°

**AIR FLOW - PRESSURE**

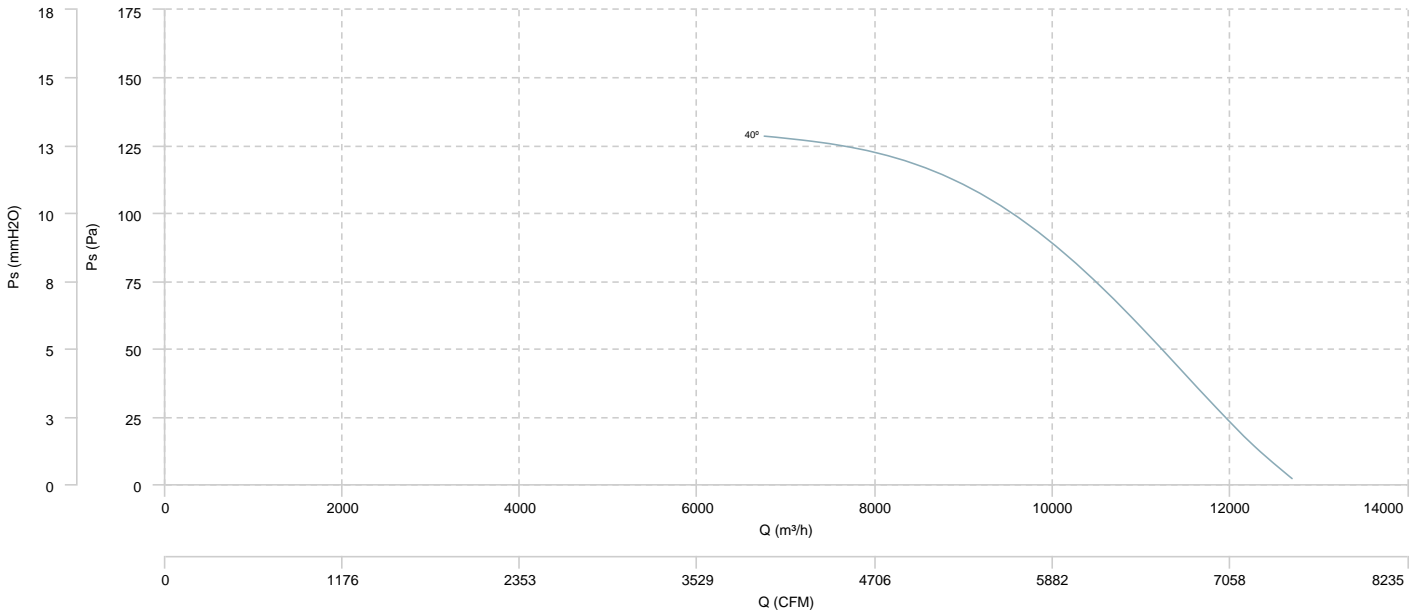


**AIR FLOW - MECHANICAL POWER**

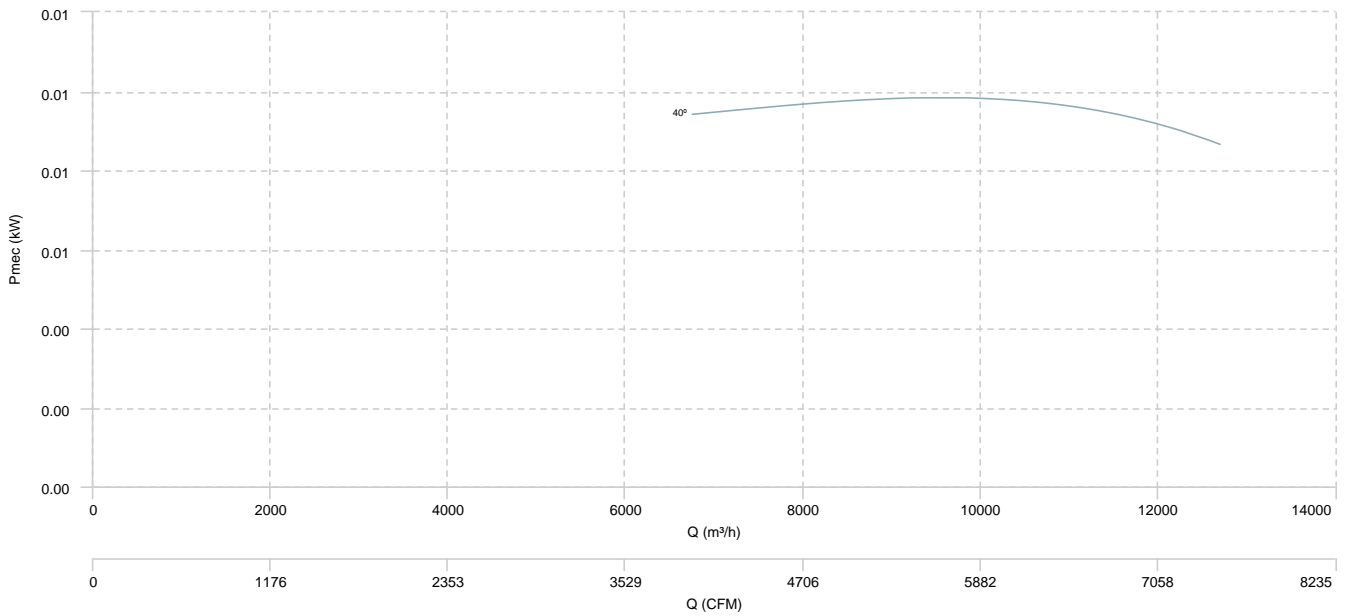


HI 63 M6 (A2:9) 0,75kW  
40°

**AIR FLOW - PRESSURE**



**AIR FLOW - MECHANICAL 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
HI 45 M6 (A0:6) 0,12kW 40° (40°)	Inlet	37	45	50	54	57	58	58	52	64
HI 50 M6 (A0:6) 0,18kW 40° (40°)	Inlet	39	47	52	56	59	58	60	53	65
HI 56 M6 (A5:6) 0,55kW 40° (40°)	Inlet	53	66	76	81	81	75	73	64	85
HI 63 M6 (A2:9) 0,75kW 40° (40°)	Inlet	47	54	60	66	69	71	71	66	76