

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.
- Standardized squirrel cage asynchronous motor with IP-55 protection and class F insulation. Standard voltages 230V 50Hz single-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.

UNDER REQUEST

Fans of other diameters and configurations

Technical data

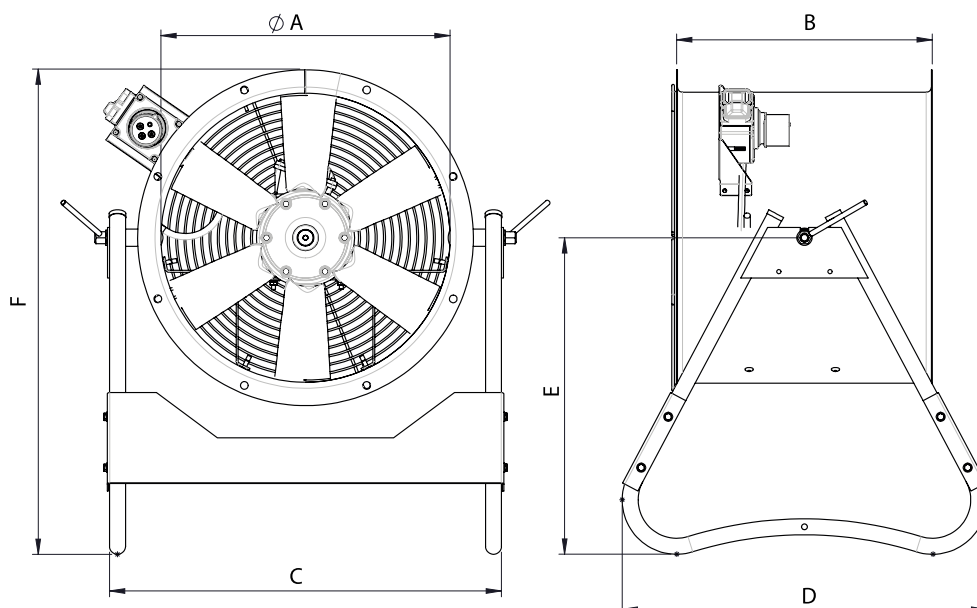
Single-phase motor

Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m ³ /h	Sound db (A)**	Weight kg	Connect. diagram
HI147130645PV1	HI 45 M6 0,13kW (A0:6) 45°	920	1,3	0,13	4.720	41	18	
HI152130645PV1	HI 50 M6 0,13kW (A0:6) 45°	920	1,3	0,13	6.050	43	30	
HI158530645PV1	HI 56 M6 0,21kW (A0:6) 45°	945	2,00	0,21	7.820	45	38	

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

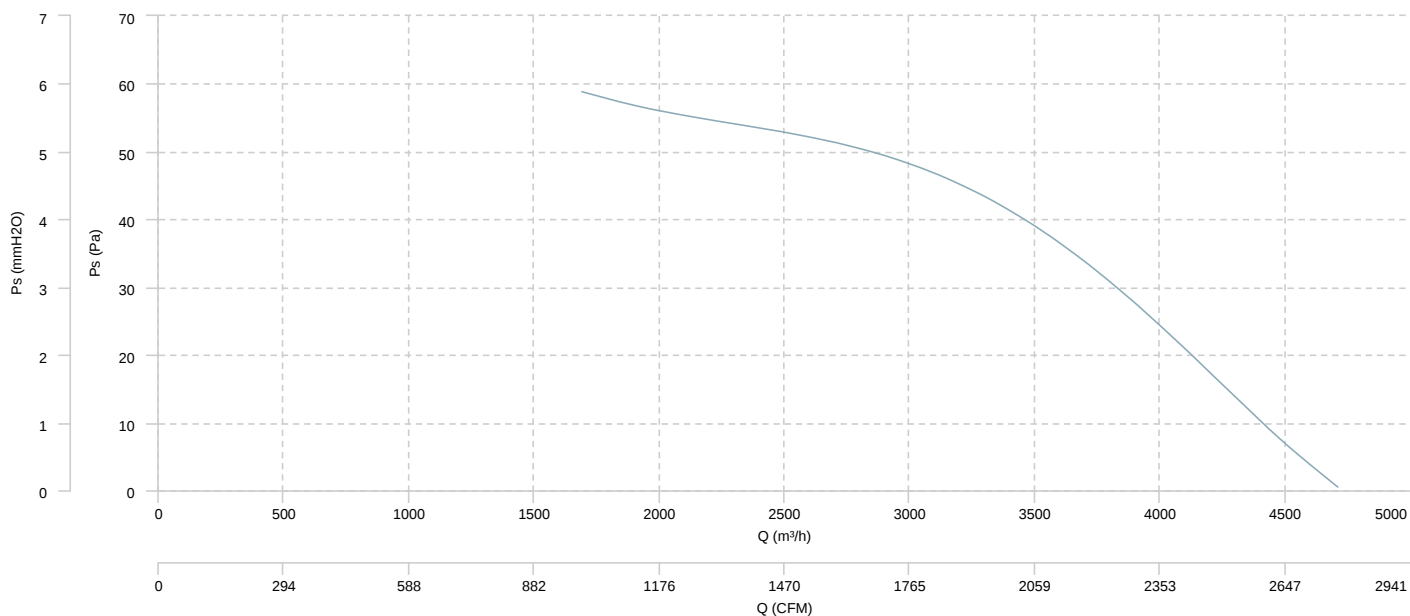


Model	A	B	C	D	E	F
HI 45 M6 0,13kW (A0:6) 45°	452	400	613	570	495	757
HI 50 M6 0,13kW (A0:6) 45°	504	440	658	700	650	950
HI 56 M6 0,21kW (A0:6) 45°	559	560	713	700	650	973

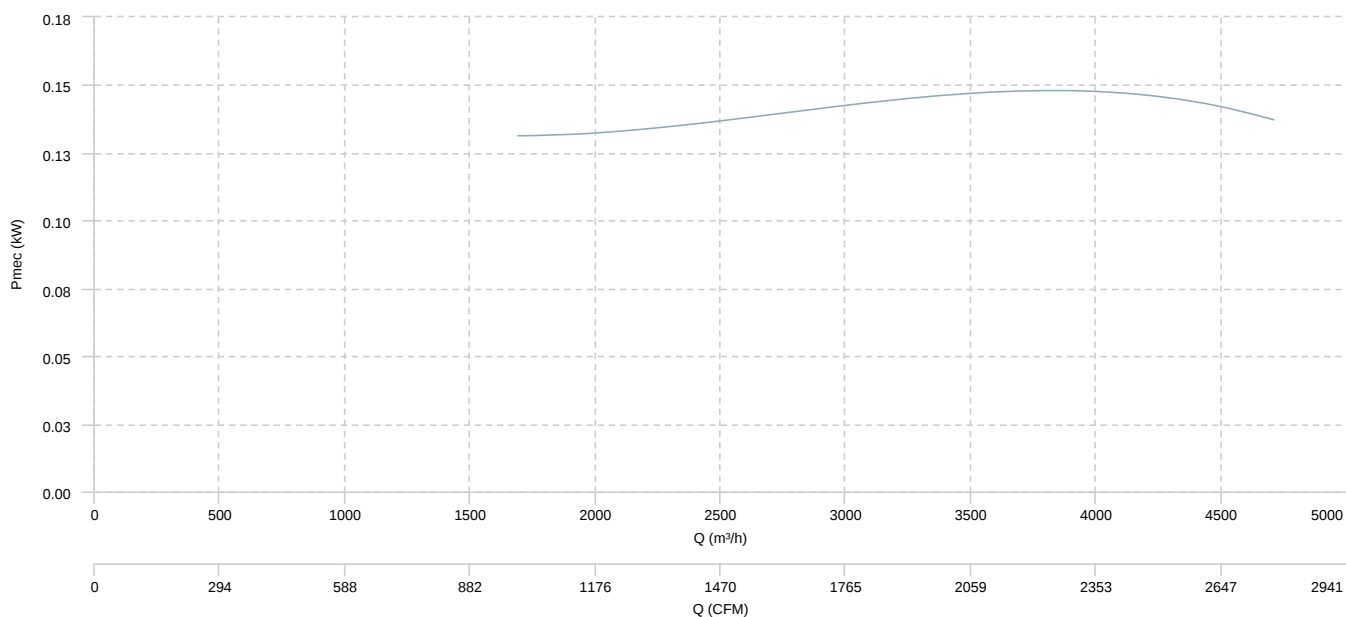
CHARACTERISCTIC CURVE

HI 45 M6 0,13kW (A0:6)
45°

AIR FLOW - PRESSURE

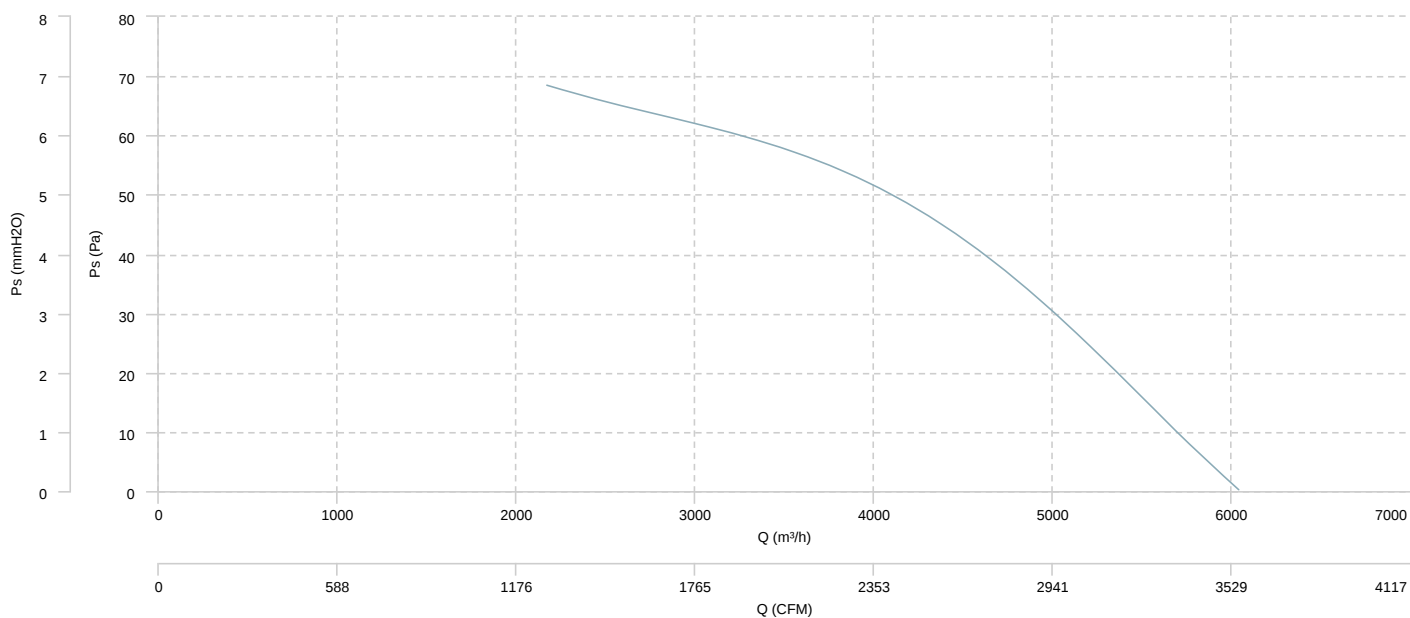


AIR FLOW - MECHANICAL POWER

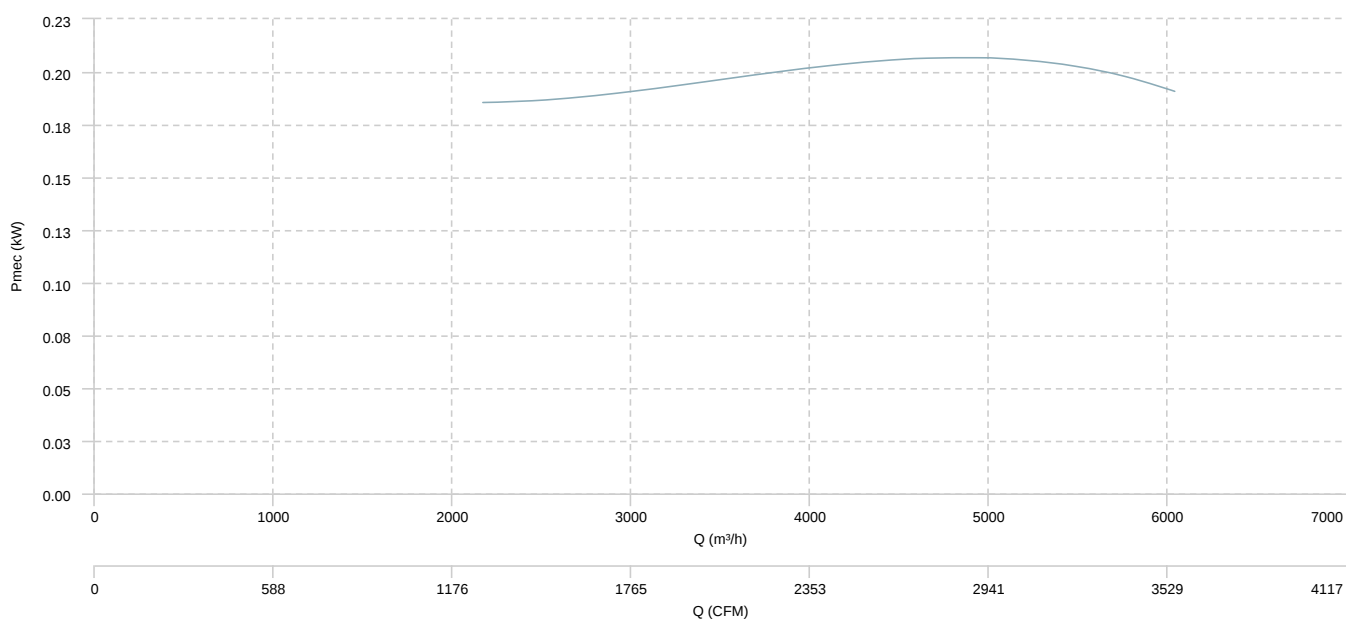


HI 50 M6 0,13kW (A0:6)
45°

AIR FLOW - PRESSURE

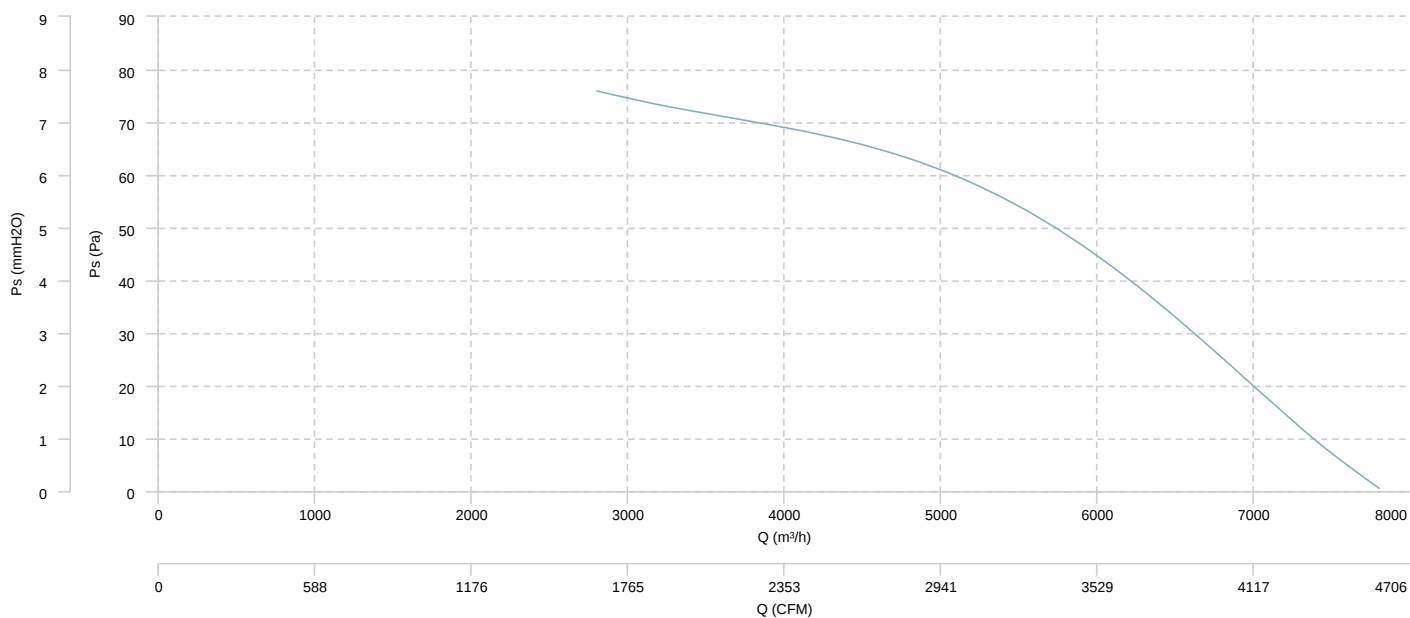


AIR FLOW - MECHANICAL POWER

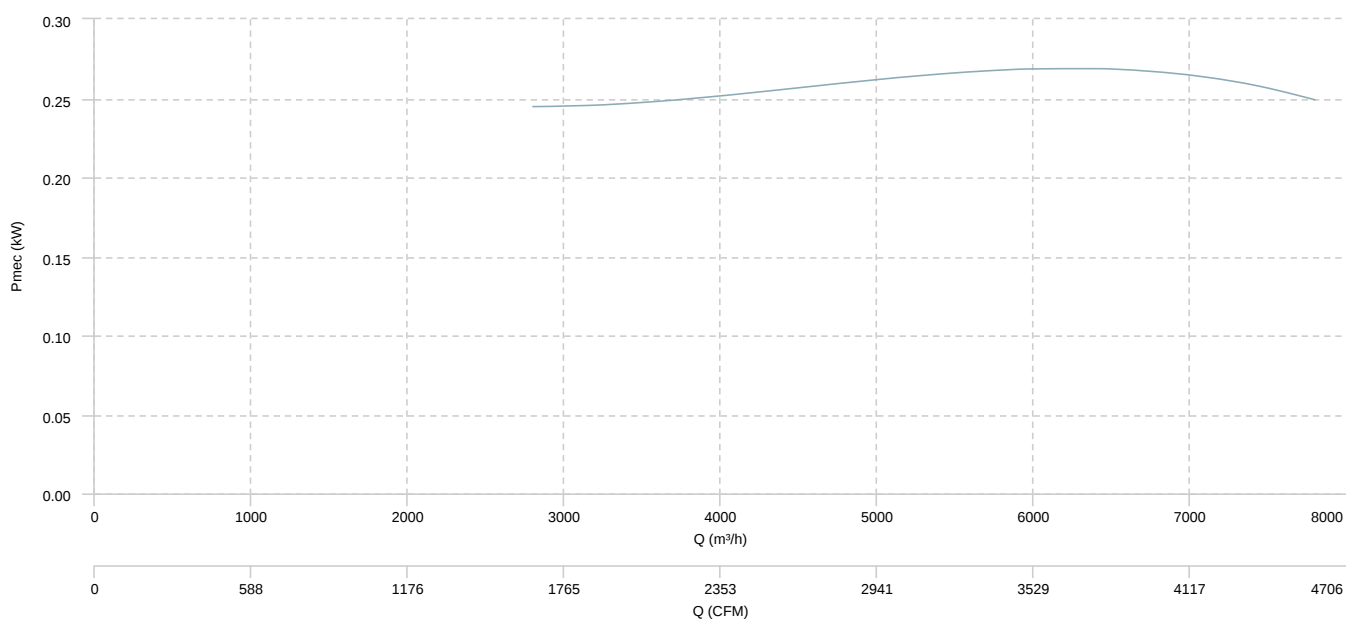


HI 56 M6 0,21kW (A0:6)
45°

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 0,13kW (A0:6) 45° ()	Inlet	41	48	53	57	60	61	61	54	67
HI 50 M6 0,13kW (A0:6) 45° ()	Inlet	42	49	55	59	62	62	62	56	69
HI 56 M6 0,21kW (A0:6) 45° ()	Inlet	46	53	58	62	65	65	65	58	71