

HBA

Forked tubular axial fans with motor outside the air flow

Forked tubular fans for transferring air up to 150 °C in continuous operation and up to 200 °C in sporadic mode.



Fan:

- Sheet steel tubular casing.
- Cast aluminium rotor.
- Airflow direction from Impeller to Motor.

Motor:

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz.
- Operating temperature: -25 °C. + 150 °C.

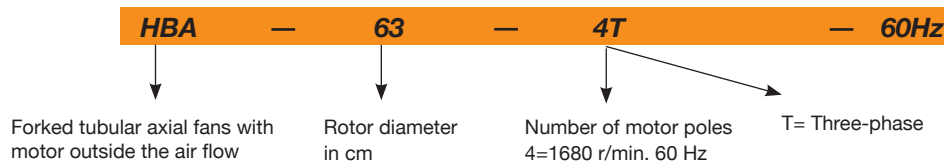
Finish:

- Anti-corrosive finish of polyester resin polymerised at 190 °C, previously degreased with phosphate-free nanotechnological treatment.

On request:

- Stainless steel casing.
- Hot dip galvanised finish.
- Special windings for different voltages and motors with PTC thermistors.

Order code

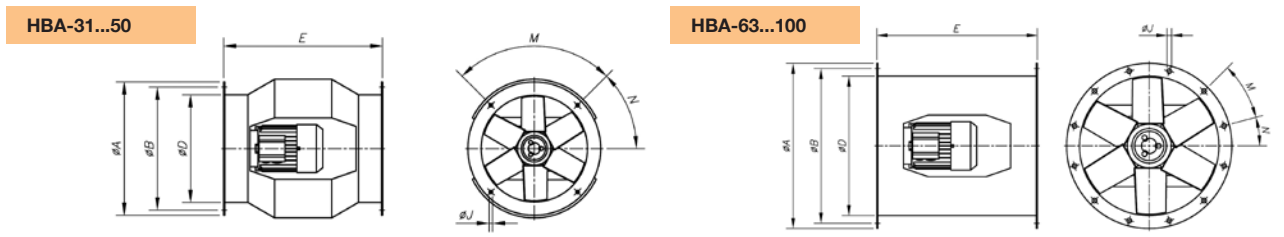


60Hz

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	min./max. flow rate (m³/h)	Sound pressure level dB(A)	Approx. weight (kg)
		220-277V	380-480V				
HBA-31-2T	3456	2.24	1.29	0.55	2900	77	25
HBA-31-2M	3372	3.5	-	0.55	2900	77	26
HBA-31-4T	1638	1.25	0.72	0.25	1600	66	24
HBA-31-4M	1656	2.15	-	0.25	1600	66	25
HBA-40-2T	3444	4.35	2.5	1.1	6200	82	45
HBA-40-2M	3372	6.8	-	1.1	6200	82	46
HBA-40-4T	1650	1.67	0.96	0.37	3200	75	40
HBA-45-2T	3504	10.09	5.8	3	8550	84	57
HBA-50-4T	1698	2.87	1.65	0.75	6750	76	73
HBA-63-4T	1722	4.17	2.4	1.1	11150	77	91
HBA-71-4T	1734	15.3	8.8	4	15850	79	164
HBA-71-6T	1086	2.75	1.58	0.55	11200	74	140
HBA-80-6T	1122	5.22	3	1.1	14900	77	190
HBA-100-6T	1122	5.22	3	1.1	21700	80	260

Dimensions mm

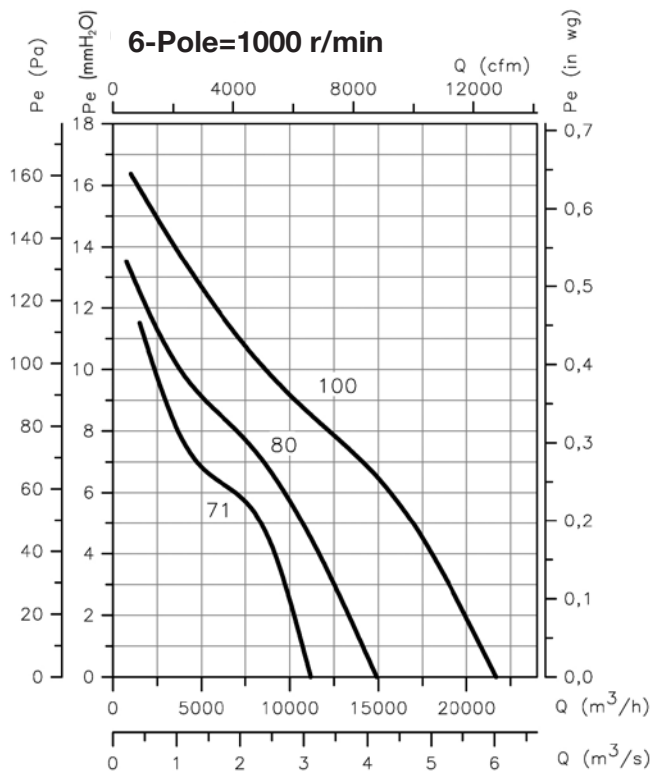
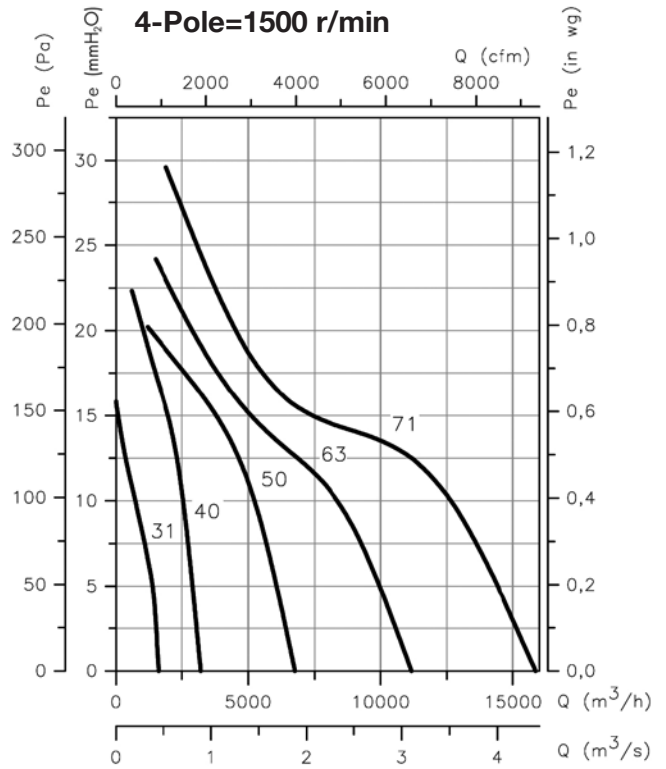
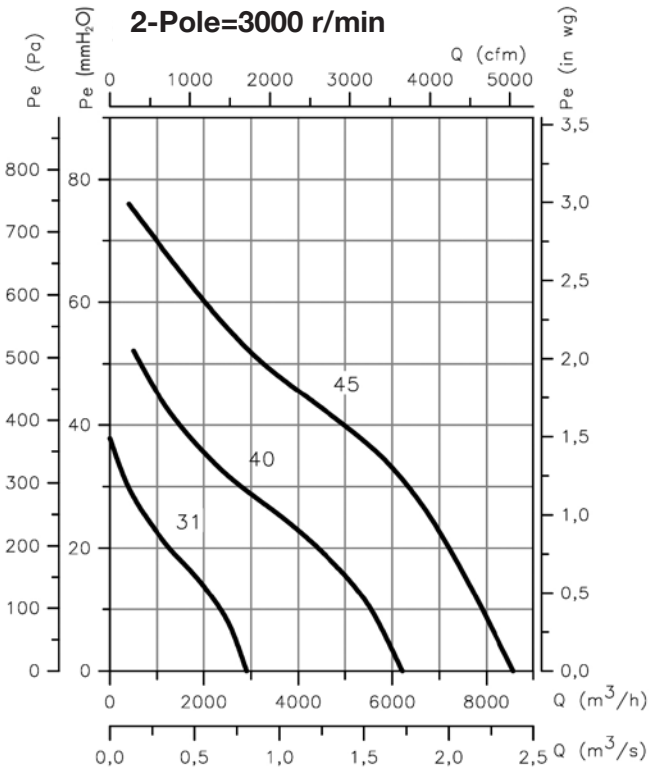


Model	ØA	ØB	ØD	E	ØJ	M	N
HBA-31	385	355	308	460	10	4x90°	45°
HBA-40	490	450	410	580	12	8x45°	22'5°
HBA-45	540	500	460	640	12	8x45°	22'5°
HBA-50	600	560	514	730	12	12x30°	15°
HBA-63	730	690	640	730	12	12x30°	15°
HBA-71	810	770	710	770	12	16x22'5°	11'25°
HBA-80	900	860	800	830	12	16x22'5°	11'25°
HBA-100	1115	1070	1000	1270	15	16x22'5°	11'25°

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H₂O, Pa and inwg.



Accessories

