

HGI

Large diameter axial fans for farms



Wall mounted axial fans designed for large air flows at low speed with automatic opening shutter.

Fan:

- Steel sheet support frame.
- Robust X-shaped structure.
- Stainless steel blades.
- Protection grid against contacts according to UNE-EN ISO 12499.
- Specially designed for use in farms and greenhouses.
- Airflow direction from motor to impeller.

Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz.
- Working temperature: -25 °C +50 °C.

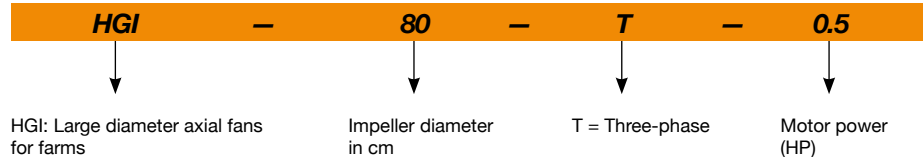
Finish:

- Galvanised steel sheet.

On request:

- Without shutter and with protection grid on the outlet.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed power (kW)	Maximum flow rate (m³/h)	Sound pressure level¹ dB (A)		Approx. weight (Kg)
		230V	400V			Inlet		
HGI-80-T-0.5	550	2.00	1.20	0.37	17070	58		44
HGI-80-T-0.75	580	2.00	1.20	0.55	18440	60		44
HGI-100-T-0.75	520	2.00	1.20	0.55	24750	62		56
HGI-100-T-1	530	3.40	2.00	0.75	27090	63		56
HGI-125-T-1	415	3.40	2.00	0.75	37780	66		68
HGI-125-T-1.5	430	4.70	2.70	1.10	41005	69		68

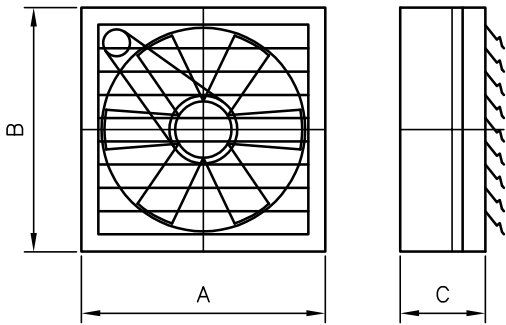
1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.

Acoustic characteristics

Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Values measured at inlet with maximum flow rate

	63	125	250	500	1000	2000	4000	8000		63	125	250	500	1000	2000	4000	8000
HGI-80-T-0.5	57	64	72	74	72	69	66	58	HGI-100-T-1	61	69	77	79	77	74	70	63
HGI-80-T-0.75	59	66	74	76	74	71	68	60	HGI-125-T-1	64	72	80	82	80	77	73	66
HGI-100-T-0.75	60	68	76	78	76	73	69	62	HGI-125-T-1.5	67	75	83	85	83	80	76	69

Dimensions mm

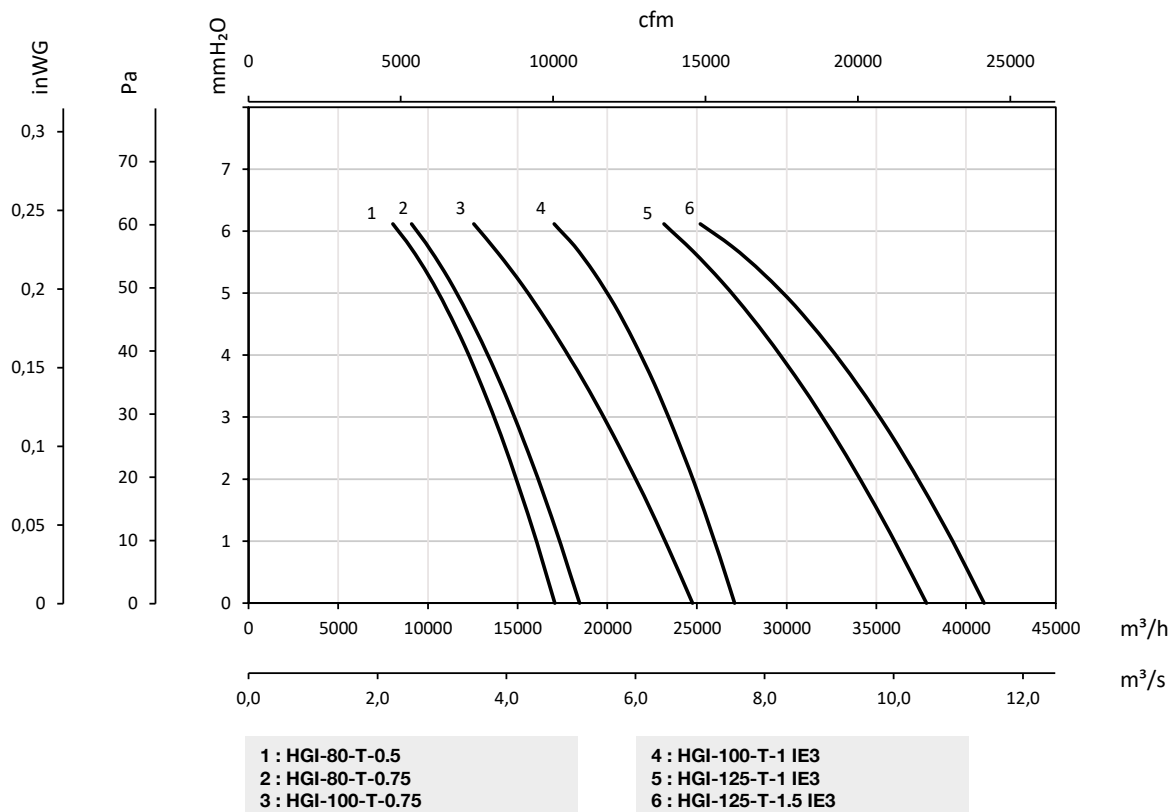


	A	B	C
HGI-80	960	960	405
HGI-100	1150	1150	405
HGI-125	1380	1380	405

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg



1 : HGI-80-T-0.5
2 : HGI-80-T-0.75
3 : HGI-100-T-0.75

4 : HGI-100-T-1 IE3
5 : HGI-125-T-1 IE3
6 : HGI-125-T-1.5 IE3

Accessories



INT



VSD3/A-RFT
- VSD1/A-RFM



AET



SI-PIR



SI-TEMP+HUMEDAD