

HGI

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Axialfläkt för stora luftvolymer

Axialfläkt i väggutförande med jalousislutare. För transport av stora volymer luft vid lågt tryck och låg ljudnivå. Används ofta inom lantbruk och odlingsanläggningar.

Fan:

- Sheet steel base plate.
- Galvanised steel structure
- Galvanised sheet steel impeller
- Protection guard to prevent contacts according to standard UNE-EN ISO 12499:2010
- Designed especially for use in farms and hothouses
- Airflow direction from motor to impeller

Motor:

Remdriven motor.

- IE2 efficiency motors for capacities equal to or over 0.75kW and below 7.5kW, except single-phase, 2 speed and 8 pole motors.
- Class F motors, with ball bearings, IP55 protection
- Three-phase 230/400V.-50Hz
- Fan working temperature: -25°C + 50°C

Finish:

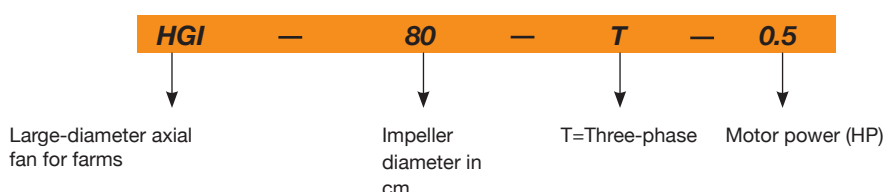
- Anticorrosive galvanized sheet steel

On request:

- Without shutter and with a protective grille on the impulsion side
- Special windings for different voltages



Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Installed capacity (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
		230V	400V				
HGI-80-T-0.5	570	1.70	1.00	0.37	16000	63	48
HGI-80-T-0.75	630	2.40	1.40	0.55	18000	65	49
HGI-100-T-0.5	398	2.10	1.20	0.37	25000	62	63
HGI-100-T-0.75	472	2.80	1.60	0.55	29000	65	64
HGI-100-T-1	503	3.50	2.00	0.75	32000	66	66
HGI-125-T-1	437	3.50	2.00	0.75	38000	69	87
HGI-125-T-1.5	485	4.80	2.80	1.10	43000	72	90

Acoustic features

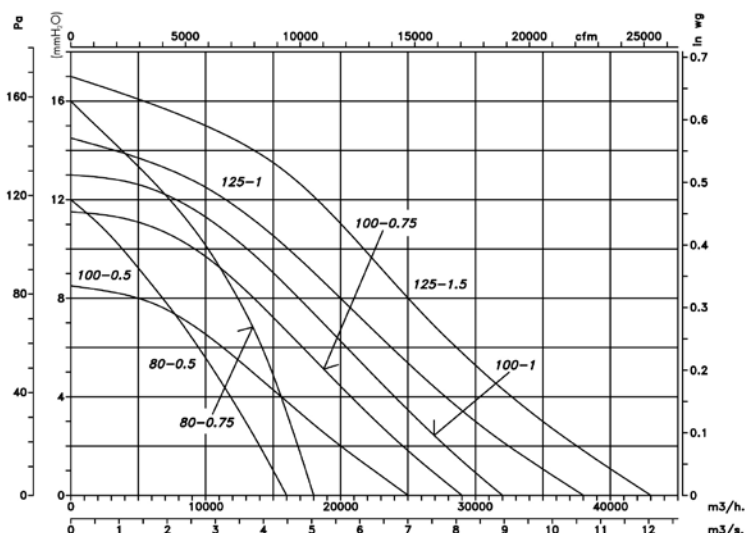
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

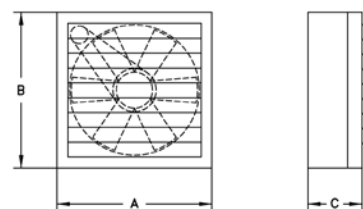
Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
HGI-80-T-0.5	57	64	72	74	72	69	66	58	HGI-100-T-1	61	69	77	79	77	74	70	63
HGI-80-T-0.75	59	66	74	76	74	71	68	60	HGI-125-T-1	64	72	80	82	80	77	73	66
HGI-100-T-0.5	57	65	73	75	73	70	66	59	HGI-125-T-1.5	67	75	83	85	83	80	76	69
HGI-100-T-0.75	60	68	76	78	76	73	69	62									

Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm. Pe = Static pressure in mmH₂O, Pa and inwg.



Dimensions in mm



Model	A	B	C
HGI-80	925	925	427
HGI-100	1125	1125	447
HGI-125	1375	1375	480

Accessories

See accessories section.

