

HEP

Wall mounted axial fans with IP65 motor



Wall mounted axial fans with fibreglass reinforced plastic propeller.

Fan:

- Airflow direction from motor to impeller.
- Fibreglass reinforced polyamide-6 impeller.
- Steel sheet support frame.
- Protection grid against contacts according to UNE-EN ISO 12499.

Motor:

- Class F motors with ball bearings and IP65 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 °C +60 °C for 4-6-8 pole motors and -25 °C +45 °C for 2-pole motors.
- Motors with built-in PTC.

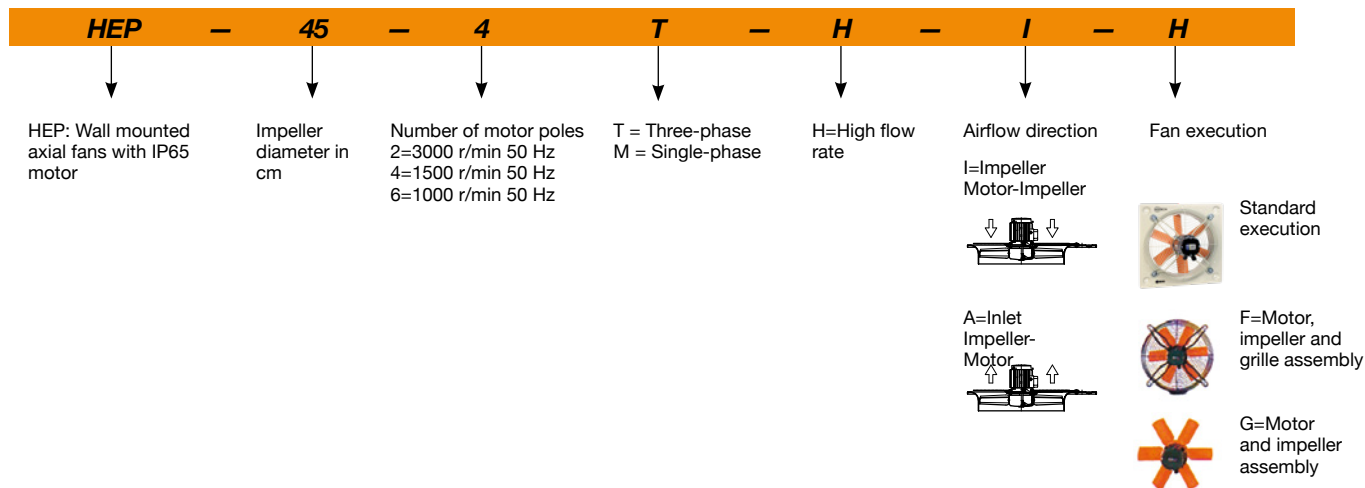
Finish:

- Anti-corrosive finish in polyester resin, polymerised at 190 °C, after degreasing with phosphate-free nanotechnology treatment.

On request:

- /A version: Airflow direction from impeller to motor.
- /F version: Motor, impeller and grille assembly.
- /G version: Motor and impeller assembly.
- Special windings for different voltages.

Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)		Max. electric power (kW)	Maximum flow rate (m³/h)	Sound pressure level¹ dB(A)		Approx. weight (Kg)
		230V	400V			Inlet		
HEP-25-2T/H	2780	1.30	0.75	0.25	2315	54		5
HEP-25-2M/H	2750	1.95		0.29	2305	54		5
HEP-25-4T/H	1450	0.69	0.40	0.09	1250	42		5
HEP-25-4M/H	1440	0.65		0.10	1250	42		5
HEP-31-2T/H	2640	1.54	0.89	0.50	3995	64		7
HEP-31-2M/H	2640	2.30		0.52	3995	64		7
HEP-31-4T/H	1410	0.69	0.40	0.12	2405	45		6

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		230V	400V				
HEP-31-4M/H	1410	0.75		0.14	2405	45	6
HEP-35-2T/H	2790	2.16	1.25	0.65	6055	66	9
HEP-35-2M/H	2675	2.80		0.69	6055	66	9
HEP-35-4T/H	1340	0.74	0.43	0.17	3525	48	7
HEP-35-4M/H	1340	0.98		0.18	3525	48	7
HEP-40-4T/H	1420	2.10	1.20	0.33	5180	51	11
HEP-40-4M/H	1400	1.85		0.36	5220	51	11
HEP-40-6T/H	960	1.12	0.65	0.15	3495	44	10
HEP-40-6M/H	960	1.06		0.18	3480	44	10
HEP-45-4T/H	1400	2.11	1.22	0.47	7290	59	13
HEP-45-4M/H	1400	2.35		0.48	7290	59	13
HEP-45-6T/H	955	1.42	0.82	0.21	4895	49	11
HEP-45-6M/H	955	1.40		0.23	4895	49	11
HEP-50-4T/H	1420	3.10	1.80	0.72	10185	62	15
HEP-50-4M/H	1380	3.35		0.72	10185	62	15
HEP-50-6T/H	950	1.38	0.80	0.24	6215	52	13
HEP-50-6M/H	950	1.38		0.25	6215	52	13
HEP-56-4T/H	1350	3.63	2.10	1.05	12750	65	21
HEP-56-4M/H	1350	5.26		1.06	12750	65	21
HEP-56-6T/H	915	1.73	1.00	0.40	8285	55	17
HEP-56-6M/H	915	2.12		0.42	8285	55	17
HEP-63-4T/H	1415	6.92	4.00	1.70	18620	76	26
HEP-63-6T/H	905	2.06	1.19	0.50	12875	59	20
HEP-63-6M/H	905	2.70		0.56	12875	59	20

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



Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

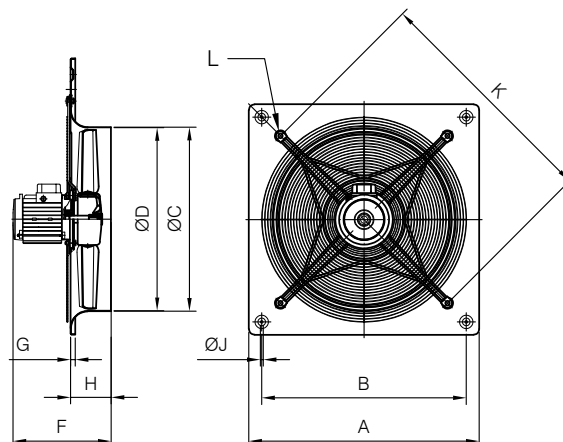
Acoustic characteristics

The values given are obtained under laboratory conditions according to ISO 3744.

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
HEP-25-2	39	52	64	68	70	70	66	58	HEP-45-4	43	57	69	72	74	75	71	62
HEP-25-4	27	40	52	56	58	58	54	46	HEP-45-6	33	47	59	62	64	65	61	52
HEP-31-2	49	62	74	78	80	80	76	68	HEP-50-4	46	60	72	75	77	78	74	65
HEP-31-4	30	43	55	59	61	61	57	49	HEP-50-6	36	50	62	65	67	68	64	55
HEP-35-2	51	64	76	80	82	82	78	70	HEP-56-4	49	63	75	78	80	81	77	68
HEP-35-4	33	46	58	62	64	64	60	52	HEP-56-6	39	53	65	68	70	71	67	58
HEP-40-4	36	49	61	65	67	67	63	55	HEP-63-4	61	75	87	90	92	92	89	80
HEP-40-6	29	42	54	58	60	60	56	48	HEP-63-6	44	58	70	73	75	75	72	63

Dimensions mm

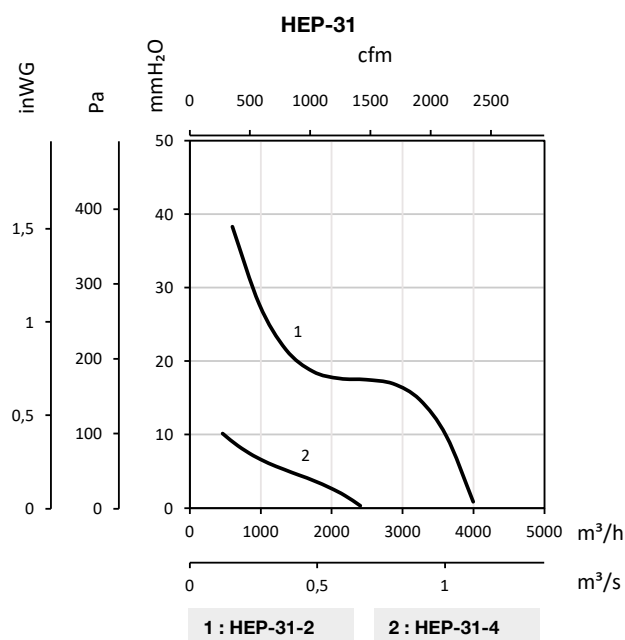
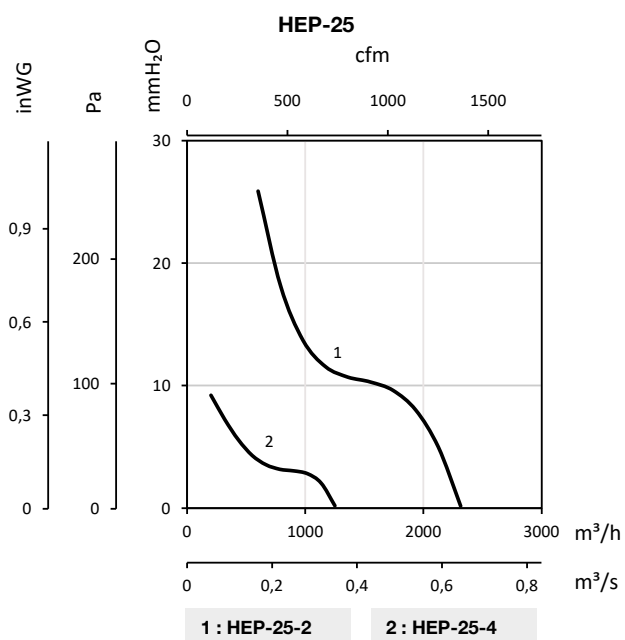


	A	B	ØC	ØD	F	G	H	ØJ	K	L
HEP-25-2	330	275	262	260	233	11	56	8.5	310	M8
HEP-25-4	330	275	262	260	233	11	56	8.5	310	M8
HEP-31-2	400	336	310.5	308	229	11	65	8.5	380	M8
HEP-31-4	400	336	310.5	308	229	11	65	8.5	380	M8
HEP-35-2	465	390	362.5	360	238	11	76	10.5	450	M8
HEP-35-4	465	390	362.5	360	238	11	76	10.5	450	M8
HEP-40-4	532	452	412.5	410	273	11	97.5	10.5	500	M8
HEP-40-6	532	452	412.5	410	305	11	97.5	10.5	500	M8
HEP-45-4	596	504	462.5	460	281	11	105	10.5	560	M8
HEP-45-6	596	504	462.5	460	218	11	105	10.5	560	M8
HEP-50-4	665	562	516.5	514	302	11	105	10.5	640	M8
HEP-50-6	665	562	516.5	514	254	11	105	10.5	640	M8
HEP-56-4	710	630	563	560	333	15	115	10.5	721	M8
HEP-56-6	710	630	563	560	266	15	115	10.5	721	M8
HEP-63-4	800	710	638	635	340	15	140	10.5	820	M8
HEP-63-6	800	710	638	635	276	15	140	10.5	820	M8

Characteristic curves

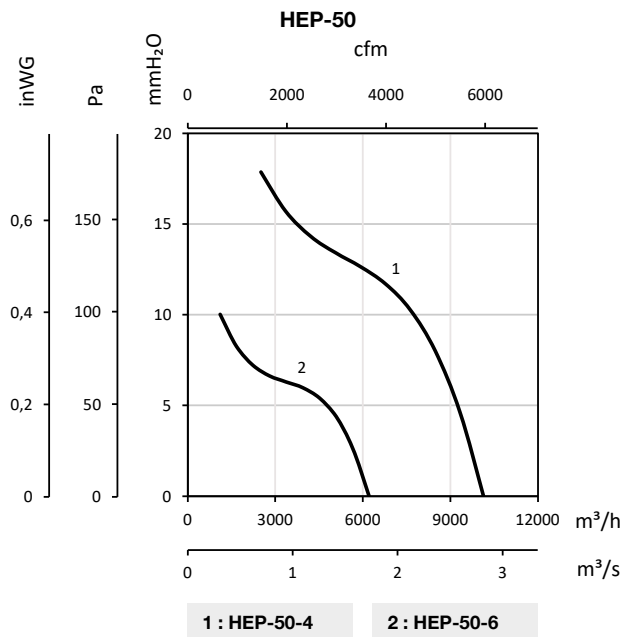
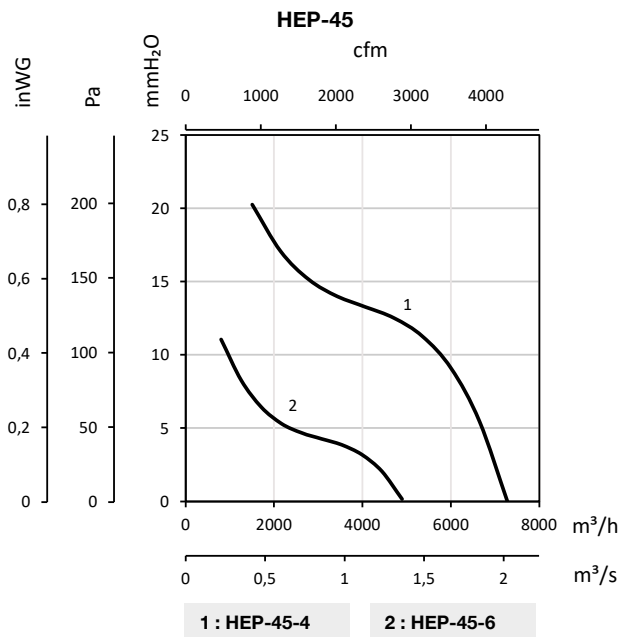
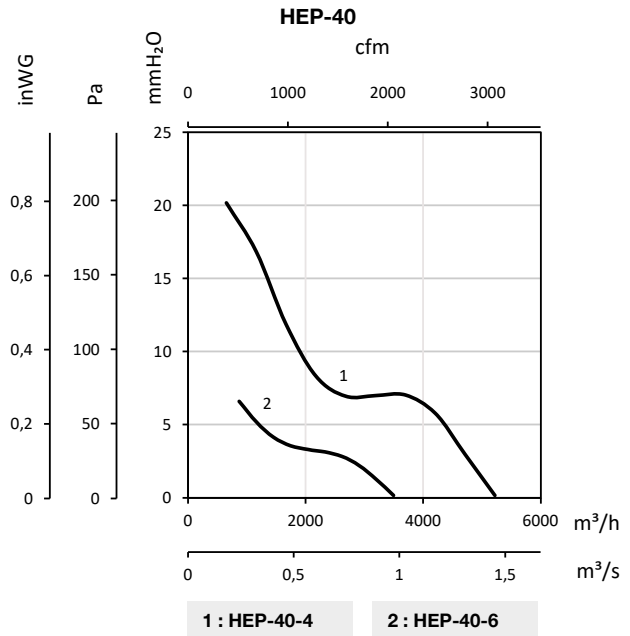
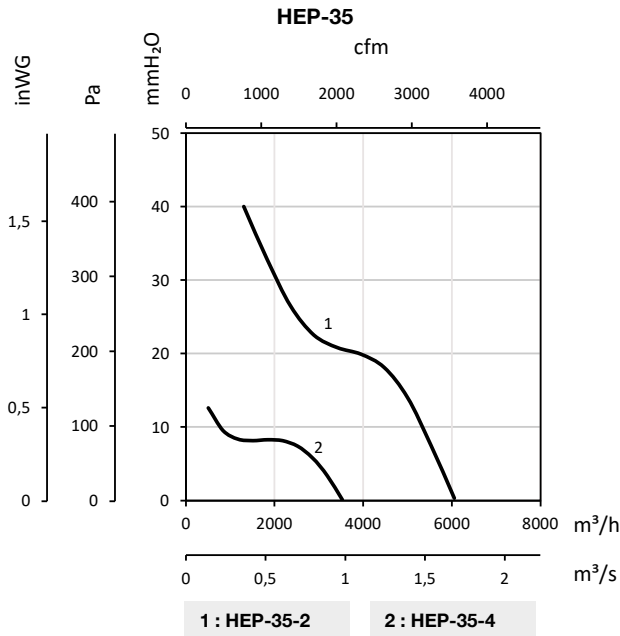
Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg



Characteristic curves

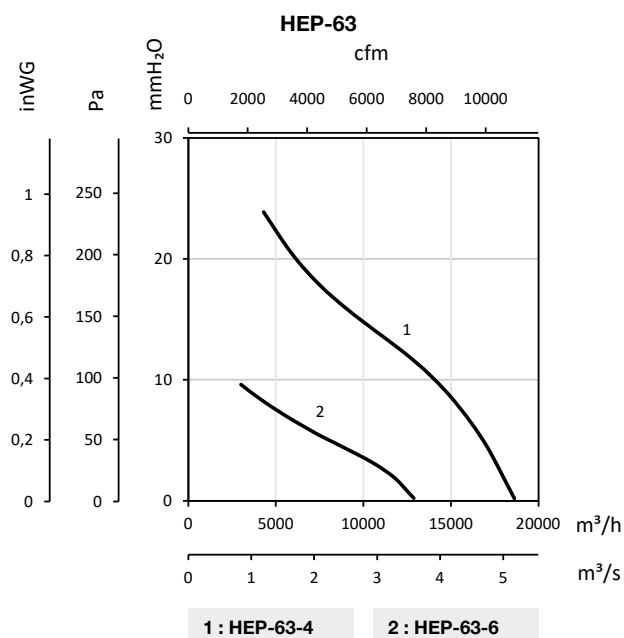
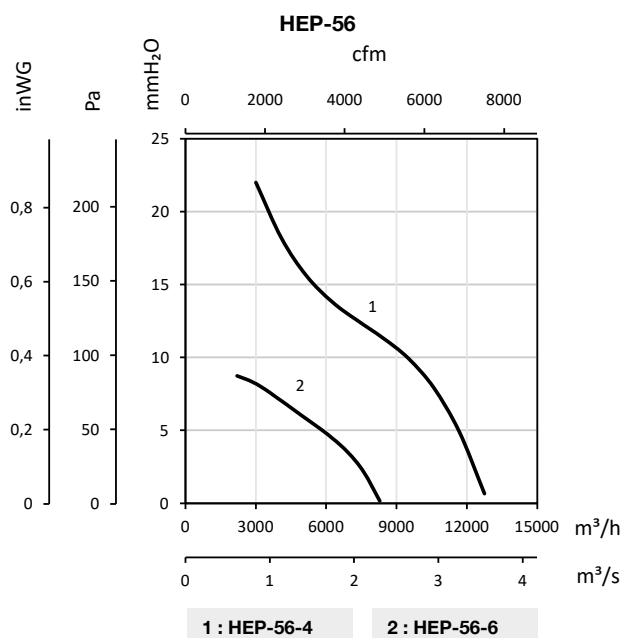
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Characteristic curves

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Pe= Static pressure in mm H₂O, Pa and inwg



Accessories



INT



RM



VSD3/A-RFT
- VSD1/A-RFM



VSD1/M



GMP



PL



P



RI