



IP 65

HEP HEPT

Axial fans

Construction Characteristics

Fan:

- Sheet steel support frame.
- Rolled steel-sheet long housing. (HEPT)
- External connection box, IP-65 protection. (HEPT)
- Motor support with safety guard, in compliance with 24167 y UNE 20-359-74 standards.
- Polyamide 6 fibreglass-reinforced impeller; dynamically balanced in compliance with ISO 1940 standard.
- Corrosion-proof finish in polyester resin, polymerised at 180°C, after degreasing, phosphating and passivation pre-treatment.
- Connection box included. Supplied without box on request. (HEP)

Motor:

- Asynchronous motors, with squirrel-cage rotor.
- Standard motors supplied with three-phase 220-240 / 380-415V, 50 Hz and single-phase 220-240V, 50 Hz.
- Class F insulation and IP65 protection.
- Standard models function between these temperatures: -25°C + 60°C for 4-6-8 pole motors, and 25°C+ 45°C for 2 pole motors.

Thermal protection:

- All motors are fitted with thermal protection (Klixon) to avoid overheating produced by any type of anomaly.

Technical characteristics

Model		Velocity (r/min)	Max. admissible current (A)		Power. absorb. free desc. (W)	Max. airflow (m3/h)	Sound level pressure dB(A)	Approx. weight Kg.	
HEP	HEPT		220-240V	380-415V				HEP	HEPT
HEP-25-2T/H		2780	1,30	0,75	250	2300	64	5,3	-
HEP-25-2M/H		2750	1,95	-	285	2300	64	5,3	-
HEP-25-4T/H		1450	0,69	0,4	87	1250	52	4,5	-
HEP-25-4M/H		1440	0,65	-	100	1250	52	4,5	-
HEP-31-2T/H	HEPT-31-2T/H	2640	1,54	0,89	495	4000	74	7,0	7,4
HEP-31-2M/H	HEPT-31-2M/H	2640	2,30	-	515	4000	74	7,0	7,4
HEP-31-4T/H	HEPT-31-4T/H	1410	0,69	0,40	115	2400	55	5,7	6,2
HEP-31-4M/H	HEPT-31-4M/H	1410	0,75	-	140	2400	55	5,7	6,2
HEP-31-4T/L		1430	0,69	0,40	100	1950	54	5,1	-
HEP-31-4M/L		1420	0,70	-	110	1950	54	5,1	-
HEP-35-2T/H	HEPT-35-2T/H	2790	2,16	1,25	650	6020	76	8,8	9,4
HEP-35-2M/H	HEPT-35-2M/H	2675	2,80	-	690	6020	76	8,8	9,4
HEP-35-4T/H	HEPT-35-4T/H	1340	0,74	0,43	170	3500	58	7,1	7,6
HEP-35-4M/H	HEPT-35-4M/H	1340	0,98	-	180	3500	58	7,1	7,6
HEP-35-4T/L		1410	0,69	0,40	110	2650	56	6,5	-
HEP-35-4M/L		1410	0,75	-	115	2650	56	6,5	-
HEP-40-4T/H	HEPT-40-4T/H	1420	2,10	1,20	325	5200	61	10,6	13,5
HEP-40-4M/H	HEPT-40-4M/H	1400	1,85	-	360	5200	61	10,6	13,5
HEP-40-4T/L		1450	2,10	1,20	220	4000	60	10,6	-
HEP-40-4M/L		1420	1,55	-	260	4000	60	10,6	-
HEP-40-6T/H	HEPT-40-6T/H	960	1,12	0,65	150	3500	54	10,2	13,5
HEP-40-6M/H	HEPT-40-6M/H	960	1,06	-	180	3500	54	10,2	13,5



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Model		Velocity (r/min)	Max. admissible current (A)		Power. absorb. free desc. (W)	Max. airflow (m3/h)	Sound level pressure dB(A)	Approx. weight Kg.	
HEP	HEPT		220-240V	380-415V				HEP	HEPT
HEP-45-4T/H	HEPT-45-4T/H	1400	2,11	1,22	470	7300	66	12,5	15,5
HEP-45-4M/H	HEPT-45-4M/H	1400	2,35	-	480	7300	66	12,5	15,5
HEP-45-4T/L		1440	2,10	1,20	315	5810	64	11,0	-
HEP-45-4M/L		1360	1,85	-	360	5810	64	11,0	-
HEP-45-6T/H	HEPT-45-6T/H	955	1,42	0,82	210	4900	56	11,4	15,5
HEP-45-6M/H	HEPT-45-6M/H	955	1,40	-	225	4900	56	11,4	15,5
HEP-50-4T/H	HEPT-50-4T/H	1420	3,10	1,80	720	10150	69	15,0	18,0
HEP-50-4M/H	HEPT-50-4M/H	1380	3,45	-	720	10150	69	15,0	18,0
HEP-50-4T/L		1400	2,15	1,25	430	7300	67	13,0	-
HEP-50-4M/L		1370	2,30	-	430	7300	67	13,0	-
HEP-50-6T/H	HEPT-50-6T/H	950	1,38	0,80	240	6150	59	13,2	18,0
HEP-50-6M/H	HEPT-50-6M/H	950	1,38	-	245	6150	59	13,2	18,0
HEP-56-4T/H	HEPT-56-4T/H	1350	3,63	2,10	1050	12800	72	21,0	28,0
HEP-56-4M/H	HEPT-56-4M/H	1350	5,26	-	1060	12800	72	21,0	28,0
HEP-56-4T/L		1400	3,20	1,85	800	10900	70	19,0	-
HEP-56-4M/L		1350	3,70	-	810	10900	70	19,0	-
HEP-56-6T/H	HEPT-56-6T/H	915	1,73	1,00	400	8250	62	17,0	28,0
HEP-56-6M/H	HEPT-56-6M/H	915	2,25	-	415	8250	62	17,0	28,0
HEP-63-4T/H	HEPT-63-4T/H	1415	6,92	4,00	1700	18700	82	25,8	33,5
HEP-63-4T/L		1375	5,01	2,90	1290	16500	75	23,0	-
HEP-63-4M/L		1375	5,40	-	1295	16500	75	23,0	-
HEP-63-6T/H	HEPT-63-6T/H	905	2,06	1,19	500	12050	65	20,2	33,5
HEP-63-6M/H	HEPT-63-6M/H	905	2,70	-	560	12050	65	20,2	33,5
HEP-63-6T/L		945	1,62	0,94	360	9450	63	19,4	-
HEP-63-6M/L		945	1,80	-	330	9450	63	19,4	-
HEP-63-8T/H		700	1,90	1,10	325	8250	57	19,2	-
HEP-63-8M/H		700	1,89	-	325	8250	57	19,2	-



Accoustic characteristics

The values shown are calculated using sound pressure levels in dB (A), obtained in the open at a distance equivalent to twice the fan span plus the turbine diameter, with a minimum of 1.5 m.

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

Model	63	125	250	500	1000	2000	4000	8000	Model	63	125	250	500	1000	2000	4000	8000
25-2/H	39	52	64	68	70	70	66	58	45-6/H	33	47	59	62	64	65	61	52
25-4/H	27	40	52	56	58	58	54	46	50-4/H	46	60	72	75	77	78	74	65
31-2/H	49	62	74	78	80	80	76	68	50-4/L	44	58	70	73	75	76	72	63
31-4/H	30	43	55	59	61	61	57	49	50-6/H	36	50	62	65	67	68	64	55
31-4/L	29	42	54	58	60	60	56	48	56-4/H	49	63	75	78	80	81	77	68
35-2/H	51	64	76	80	82	82	78	70	56-4/L	47	61	73	76	78	79	75	66
35-4/H	33	46	58	62	64	64	60	52	56-6/H	39	53	65	68	70	71	67	58
35-4/L	31	44	56	60	62	62	58	50	63-4/H	61	75	87	90	92	92	89	80
40-4/H	36	49	61	65	67	67	63	55	63-4/L	54	68	80	83	85	85	82	73
40-4/L	35	48	60	64	66	66	62	54	63-6/H	44	58	70	73	75	75	72	63
40-6/H	29	42	54	58	60	60	56	48	63-6/L	42	56	68	71	73	73	70	61
45-4/H	53	57	69	72	74	75	71	62	63-8/H	36	50	62	65	67	67	64	55
45-4/L	41	55	67	70	72	73	69	60									

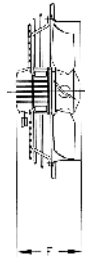


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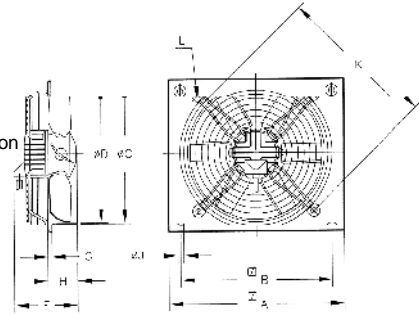
Dimensions mm



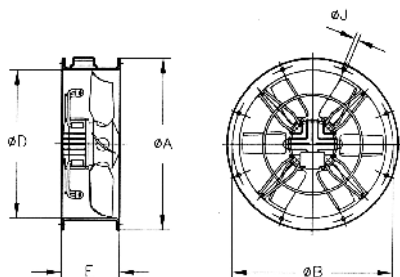
Standard version with connection box



Versión without connection box on request



Model	∅A	∅B	∅C	∅D	E				F				G	H	∅J	K	L
					2T	4T	6T	8T	2T	4T	6T	8T					
HEP-25	330	275	262	260	189	179	-	-	213	203	-	-	11	56	8,5	310	M.8
HEP-31.../H	400	336	310,5	308	190	180	-	-	214	204	-	-	11	75	10,5	380	M.8
HEP-31.../L	400	336	310,5	308	-	180	-	-	-	204	-	-	11	75	10,5	380	M.8
HEP-35.../H	465	390	362,5	360	217	187	-	-	241	211	-	-	11	86	10,5	450	M.8
HEP-35.../L	465	390	362,5	360	-	187	-	-	-	211	-	-	11	86	10,5	450	M.8
HEP-40.../H	532	452	412,5	410	-	206	186	-	-	226	205	-	11	97,5	10,5	500	M.8
HEP-40.../L	532	452	412,5	410	-	206	-	-	-	226	-	-	11	97,5	10,5	500	M.8
HEP-45.../H	596	504	462,5	460	-	214	199	-	-	234	218	-	11	105	10,5	560	M.8
HEP-45.../L	596	504	462,5	460	-	214	-	-	-	234	-	-	11	105	10,5	560	M.8
HEP-50.../H	665	562	516,5	514	-	255	235	-	-	275	254	-	11	115	10,5	640	M.8
HEP-50.../L	665	562	516,5	514	-	240	-	-	-	260	-	-	11	115	10,5	640	M.8
HEP-56.../H	710	630	563	560	-	287	247	-	-	306	266	-	15	115	10,5	721	M.8
HEP-56.../L	710	630	563	560	-	267	-	-	-	286	-	-	15	115	10,5	721	M.8
HEP-63.../H	800	710	638	635	-	312	257	247	-	360	276	266	15	140	10,5	820	M.8
HEP-63.../L	800	710	638	635	-	312	247	-	-	360	266	-	15	140	10,5	820	M.8



Model	∅A	∅B	∅D	E	∅J N° Drill-holes	
HEPT-31	385	355	308	200	10	8
HEPT-35	425	395	360	220	10	8
HEPT-40	490	450	410	220	12	8
HEPT-45	540	500	460	220	12	8
HEPT-50	600	560	514	230	12	12
HEPT-56	660	620	560	260	12	12
HEPT-63	730	690	635	280	12	12

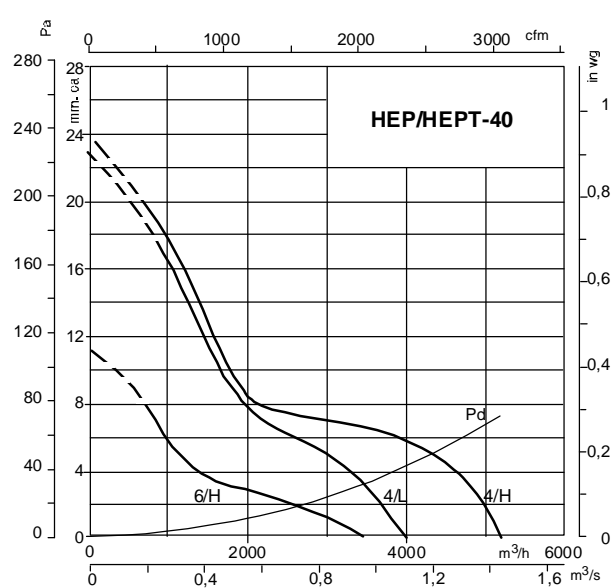
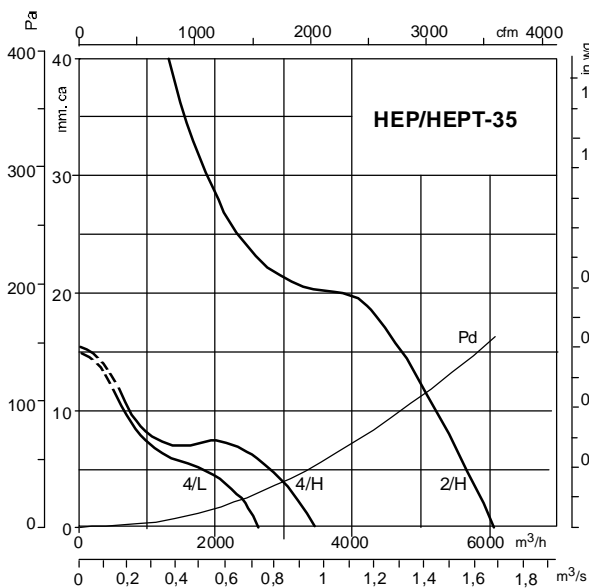
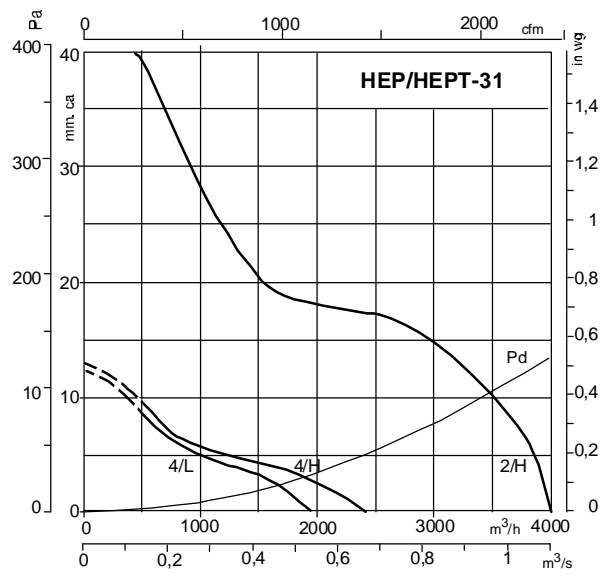
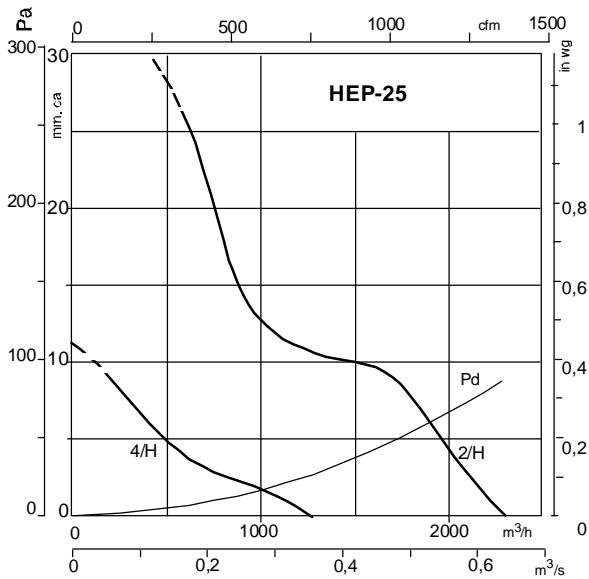


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Characteristics Curves

Q = Airflow in m³/h and m³/s

Pe = Static pressure in mm.c.a. and Pa.

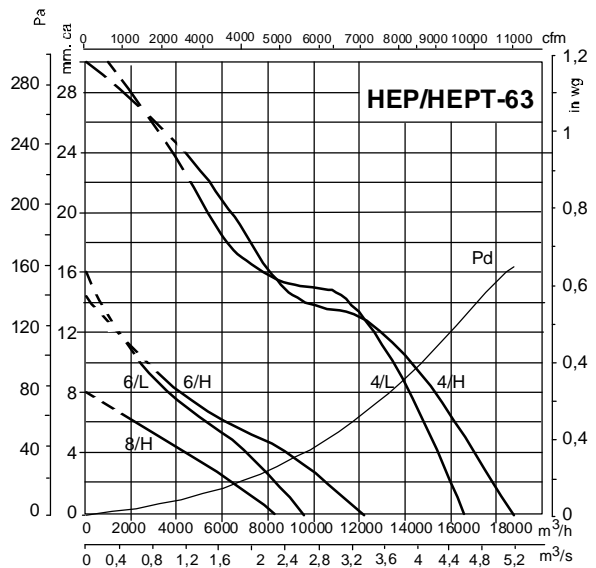
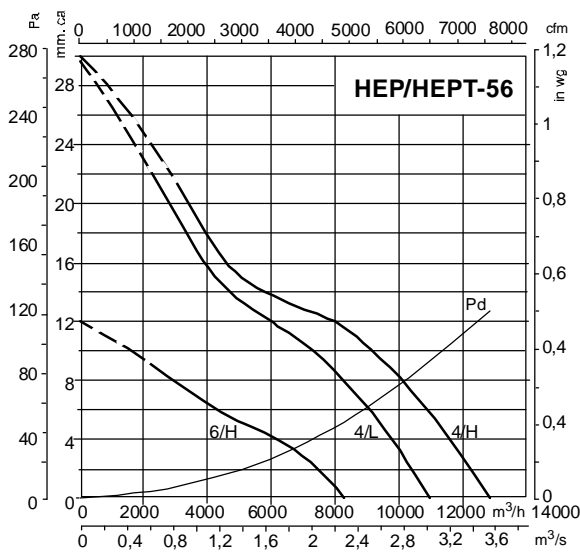
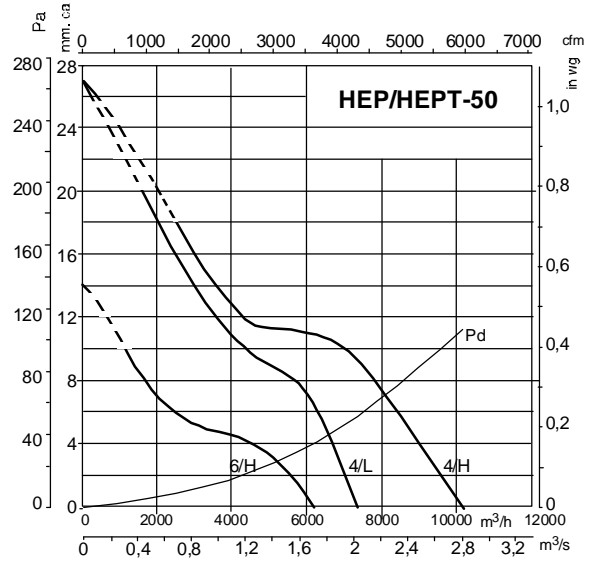
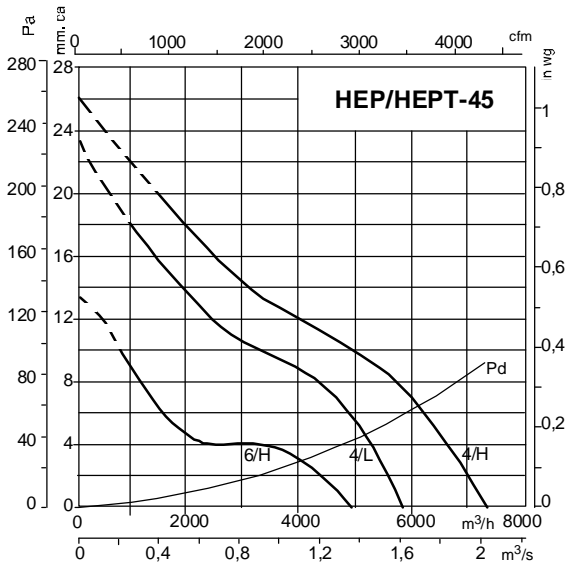




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Characteristics Curves




Q = Airflow in m³/h and m³/s
 Pe = Static pressure in mm.c.a. and Pa.





HEP HEPT

Reference Code

HEP	25	2	T / H	I	E	
HEP: Wall-mounted	Diameter impeller in cm.	Motor n° of poles	T= three-phase M= Single-phase	Blade angle H= High L= Low	Air direction I= Impulsion Motor->Impeller A= Aspiration Impeller->Motor	Fan running E= Standard running. F= Motor, impeller grill ensemble. G= Motor impeller group.
HEPT: Cased						 E  F  G



Accessories

See pages 248 onwards.

