

HRE HCRE



HRE: Circular axial fans with external rotor motors

HCRE: Wall-mounted axial fans



HRE



HCRE

Wall-mounted axial fans with support and sheet steel impeller, specially designed to obtain high energy efficiency.

Fan:

- HRE: Sheet steel metal support ring.
- HCRE: Sheet steel support frame.
- Anti-contact protective grille pursuant to standard UNE-EN ISO 12499.
- Sheet steel impeller.
- Grille-impeller airflow direction.

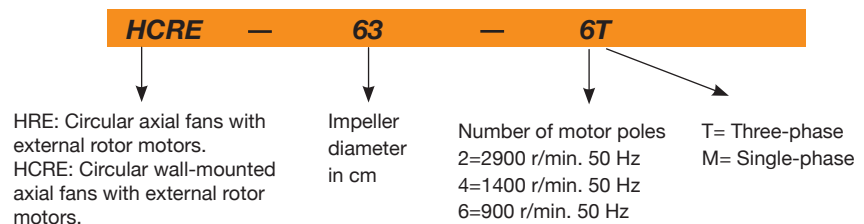
Motor:

- Class F and B motors with ball bearings and IP54 protection.
- High efficiency external rotor motors.
- Single-phase 230V-50Hz and three-phase 400V-50Hz.
- Operating temperature: -30°C +60°C.

Finish:

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

Order code



Technical characteristics

Model	Speed (r/min)	Max. admissible current (A)		Max. electric power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level dB(A)	Approx. weight (kg)
		230 V	400 V				
HRE-25-2T	2430		0.18	0.090	1330	56	3.0
HRE-25-2M	2480	0.45		0.100	1330	56	3.0
HRE-25-4T	1400		0.18	0.060	750	53	3.0
HRE-25-4M	1400	0.25		0.050	750	53	3.0
HRE-31-2T	2500		0.25	0.115	1850	59	3.3
HRE-31-2M	2400	0.55		0.125	1850	58	3.3
HRE-31-4T	1380		0.25	0.090	1400	54	3.3
HRE-31-4M	1350	0.42		0.090	1400	54	3.3
HRE-35-4T	1360		0.30	0.140	2670	58	5.0
HRE-35-4M	1380	0.60		0.140	2670	58	5.0

Model	Speed (r/min)	Max. admissible current (A)		Max. electric power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level dB(A)	Approx. weight (kg)
		230 V	400 V				
HCRE-40-4T	1370	-	0.50	0.190	3800	60	6.0
HCRE-40-4M	1350	0.90	-	0.190	3800	60	6.0
HCRE-45-4T	1380	-	0.65	0.290	4500	62	7.5
HCRE-45-4M	1350	1.10	-	0.300	4500	62	7.5
HCRE-45-6T	910	-	0.18	0.165	2800	56	7.5
HCRE-50-4T	1350	-	0.85	0.420	6250	69	10
HCRE-50-4M	1320	2.00	-	0.420	6250	69	10
HCRE-50-6T	920	-	0.62	0.220	4320	66	10
HCRE-50-6M	920	1.10	-	0.220	4320	66	10
HCRE-56-4T	1330	-	1.10	0.550	7500	73	10.5
HCRE-56-4M	1300	2.50	-	0.530	7500	73	10.5
HCRE-56-6T	910	-	0.85	0.320	6500	62	10.5

Technical characteristics

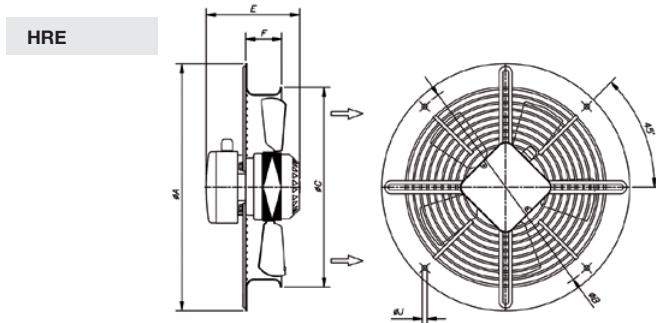
Model	Speed (r/min)	Max. admissible current (A)		Max. electric power (kW)	Maximum flow rate (m ³ /h)	Sound pressure level dB(A)	Approx. weight (kg)
		230 V	400 V				
HCRE-56-6M	910	1.50	-	0.320	6500	62	10.5
HCRE-63-4T	1350	-	1.60	0.850	10800	74	15.4
HCRE-63-4M	1360	3.70	-	0.800	10800	74	15.4
HCRE-63-6T	900	-	1.40	0.550	9300	67	15.4
HCRE-63-6M	900	2.50	-	0.520	9300	67	15.4
HCRE-71-6T	910	-	2.00	1.100	15500	71	25



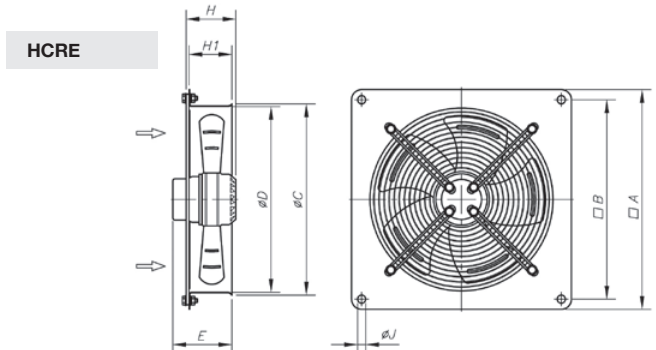
Erp. (Energy Related Products)

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

Dimensions mm



Model	ØA	ØB	ØC	E	F	ØJ
HRE-25-2T	346	320	280	135	50	7
HRE-25-2M	346	320	280	135	50	7
HRE-25-4T	346	320	280	135	50	7
HRE-25-4M	346	320	280	135	50	7
HRE-31-2T	395	360	338	146	63	10
HRE-31-2M	395	360	338	146	63	10
HRE-31-4T	395	360	338	146	63	10
HRE-31-4M	395	360	338	146	63	10
HRE-35-4T	460	420	383	175	65	10
HRE-35-4M	460	420	383	175	65	10

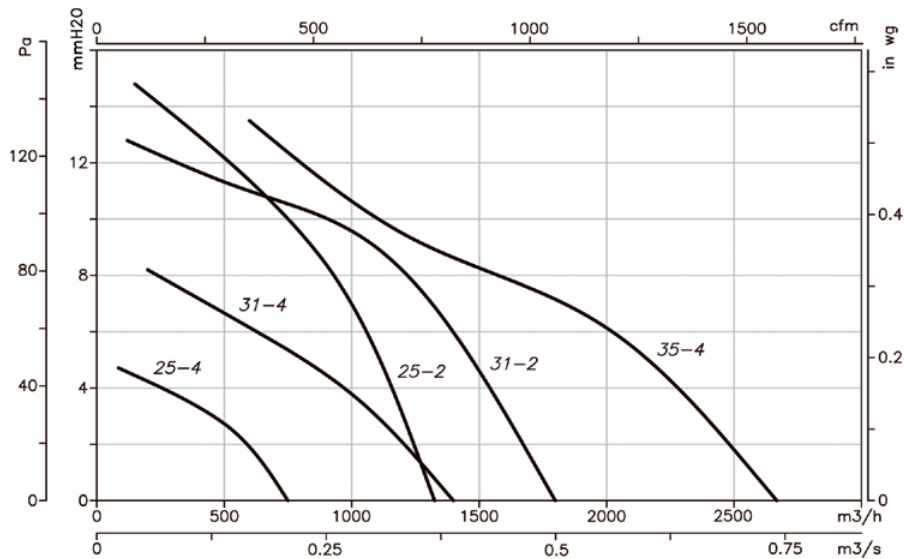


Model	A	B	øC	øD	E	H	H1	øJ
HCRE-40	540	490	430	410	172	-	83	10
HCRE-45	575	520	480	460	185	-	90	10
HCRE-50	665	615	530	510	189	-	106	10
HCRE-56	725	670	570	560	203	-	106	10
HCRE-63	805	750	665	645	225	-	110	10
HCRE-71	850	810	755	725	-	235	-	10

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.

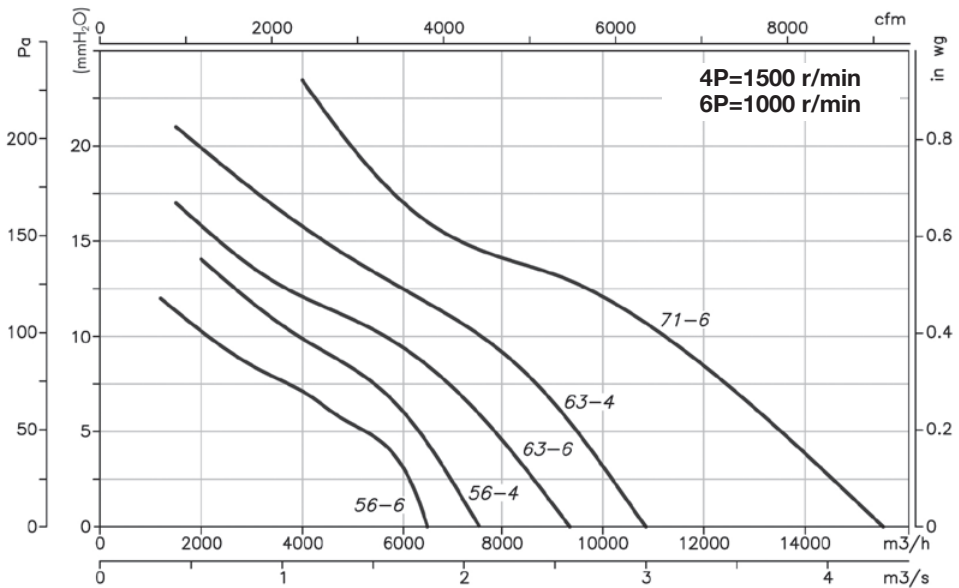
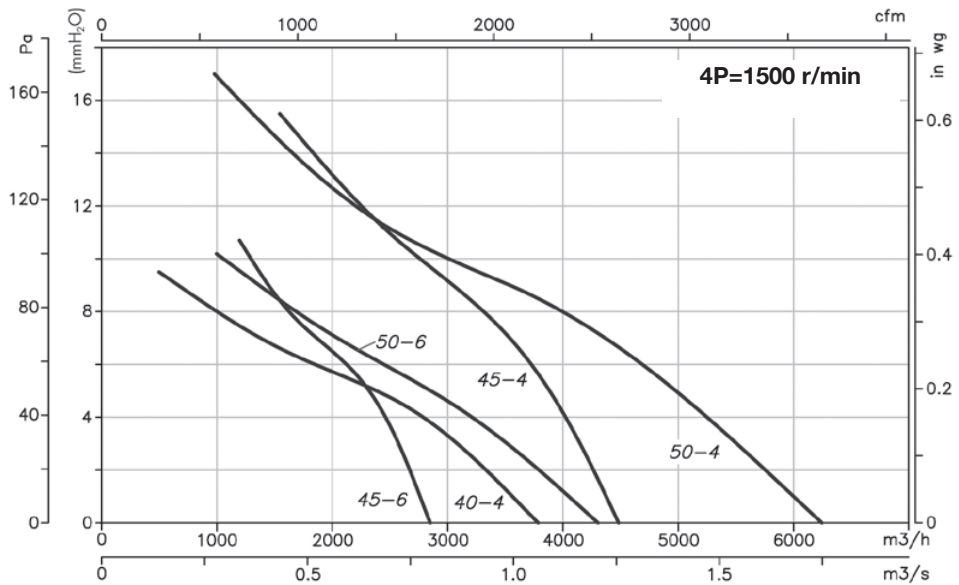
Pe= Static pressure in mm H₂O, Pa and inwg.



Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm.

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



Accessories

See accessories section.

