

HCH HFT HCT

Robust wall-mounted axial or long-cased fans

Robust wall-mounted axial or long-cased fans, PL version supplied with plastic impeller and AL version supplied with aluminium impeller

Fan:

- Airflow direction from motor to impeller
- PL version impellers in polyamide 6 reinforced with fibreglass and AL version in cast aluminium
HCT-40-2T and HCT-45-2T models only in AL version
- HCH: Support ring in sheet steel
- HFT: Support ring in sheet steel with double clamp and packing boxes for cable entry
- HCT: Sheet steel long casing with external terminal board

Motor:

- Single-phase two-speed motors with IE-2 efficiency, except lower powers 0.75 kW.
- Class F motors, with ball bearings and IP55 protection, except single-phase versions from size 45 to size 56, IP54 protection.
One- or two-speed depending on the model
- Single-phase 230V -50Hz. and three-phase 230/400V.50Hz. (up to 5.5CV.) and 400/690V.-50Hz. (power over 5.5CV.)
- Working temperature: -25°C.+ 50°C



Finish:

- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.

On request:

- Airflow direction from impeller to motor.
- 100% reversible impellers
- Special windings for different voltages.
- ATEX certification, Category 2



HCH



HFT



HCT



Order code



HCH: Robust wall-mounted axial fans
HFT: Support ring in sheet steel with double clamp
HCT: Robust long-cased axial fans

Impeller diameter in cm.

Number of motor poles
2=2900 r/min. 50 Hz
4=1400 r/min. 50 Hz
6=900 r/min. 50 Hz
8=750 r/min. 50 Hz
12=500 r/min. 50 Hz

T=Three-phase
M=Single-phase (CV)

Motor power (CV)

PL=Plastic impeller
AL=Aluminium impeller

PV=Distributor

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)		
		230V	400V	690V				HCH	HFT	HCT
HCT 25-2T	2670	0.64	0.37		0.09	1950	64		7	
HCT 25-2M	2760	0.79			0.09	1950	64		7	
HCT 25-4T	1320	0.65	0.38		0.09	1000	50		7	
HCT 25-4M	1380	0.65			0.10	1000	50		7	
HCT 31-2T	2750	1.21	0.70		0.18	2900	70		8	
HCT 31-2M	2780	1.42			0.18	2900	70		8	
HCT 31-4T	1320	0.65	0.38		0.09	1550	52		8	
HCT 31-4M	1380	0.65			0.10	1550	52		8	
HCH HCT 35-2T	2710	1.92	1.11		0.37	5750	77	9	12	
HCT 35-2M	2780	2.53			0.37	5750	77		12	
HCH HCT 35-4T	1320	0.65	0.38		0.09	3100	59	7	10	
HCT 35-4M	1380	0.65			0.10	3100	59		10	
HCH HCT 40-2T-1.5	2860	4.20	2.40		1.10	8800	84	17	25	
HCH HCT 40-4T-0.33	1350	1.66	0.96		0.25	5150	64	13	21	
HCT 45-2T-2	2770	5.44	3.13		1.50	10650	86		31	
HCT 45-2T-3	2885	7.77	4.47		2.20	12750	88		34	
HCT 45-2/4T-3	2910 / 1420		5.00 / 1.60		2.20 / 0.60	12750/6375	88/73		33	
HCH HCT 45-4T-0.5	1370	2.02	1.17		0.37	7100	68	15	24	
HCH HCT 45-4M-0.5	1400	2.76			0.37	7100	68	15	24	
HCH HCT 45-6T -0.33	900	1.51	0.87		0.25	4750	55	14		
HCH HCT 45-6M -0.33	950	1.30			0.25	4750	55	15		
HCT 50-4T-0.75	1380	2.92	1.69		0.55	10400	70		28	

Technical characteristics

Model				Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)		
			230V		400V	690V	HCH				HFT	HCT	
HCH	HFT	HCT	56-4T-0.75	1380	2.92	1.69	0.55	11050	72	21	23	33	
HCH	HFT	HCT	56-4M-0.75	1450	4.40		0.55	11050	72	21	23	33	
HCH	HFT	HCT	56-4T-1	1410	3.10	1.79	0.75	12950	73	22	24	34	
HCH	HFT	HCT	56-4/8T-1	1430 / 710		2.00 / 0.90	0.75 / 0.20	12950/6475	73/58	23	25	35	
HCH	HFT	HCT	56-4T-1.5	1400	4.03	2.32	1.10	14000	74	26	28	37	
HCH	HFT	HCT	56-4/8T-1.5	1440 / 710		2.90 / 1.30	1.10 / 0.25	14000/7000	74/59	24	26	35	
HCH	HFT	HCT	56-4T-2	1430	5.96	3.44	1.50	15300	75	28	30	39	
HCH	HFT	HCT	56-4/8T-2	1420 / 700		3.50 / 1.50	1.50 / 0.37	15300/7650	75/60	28	30	39	
HCH	HFT	HCT	56-6T -0.33	900	1.51	0.87	0.25	8500	61	18	20	30	
HCH	HFT	HCT	56-6M -0.33	950	1.85		0.25	8400	61	19	21	31	
HCH	HFT	HCT	56-6T -0.5	900	2.24	1.30	0.37	9300	61	20	22	32	
HCH	HFT	HCT	56-6T -0.75	900	2.99	1.73	0.55	10000	62	22	24	34	
HCH	HFT	HCT	63-4T-1	1410	3.10	1.79	0.75	14150	73	27	29	42	
HCH	HFT	HCT	63-4/8T-1	1430 / 710		2.00 / 0.90	0.75 / 0.20	14150/7075	73/58	27	29	43	
HCH	HFT	HCT	63-4T-1.5	1400	4.03	2.32	1.10	17000	74	30	32	45	
HCH	HFT	HCT	63-4/8T-1.5	1440 / 710		2.90 / 1.30	1.10 / 0.25	17000/8500	74/59	29	31	44	
HCH	HFT	HCT	63-4T-2	1430	5.96	3.44	1.50	18900	75	33	35	48	
HCH	HFT	HCT	63-4/8T-2	1420 / 700		3.50 / 1.50	1.50 / 0.37	18900/9450	75/60	32	34	48	
HCH	HFT	HCT	63-4T-3	1445	8.36	4.83	2.20	22100	76	41	43	57	
HCH	HFT	HCT	63-4/8T-3	1430 / 710		4.90 / 1.70	2.20 / 0.45	22100/11050	76/61	38	40	54	
HCH	HFT	HCT	63-4T-4	1445	10.96	6.33	3.00	25400	77	43	45	59	
HCH	HFT	HCT	63-4/8T-4	1430 / 710		6.50 / 2.30	3.00 / 0.60	25400/12700	77/62	42	44	57	
HCH	HFT	HCT	63-6T -0.5	900	2.24	1.30	0.37	12150	64	25	27	40	
HCH	HFT	HCT	63-6M -0.5	900	2.69		0.37	12150	64	25	27	40	
HCH	HFT	HCT	63-6T -0.75	900	2.99	1.73	0.55	12750	65	27	29	42	
HCH	HFT	HCT	63-6T -1	945	3.90	2.20	0.75	13800	66	33	35	48	
HCH	HFT	HCT	63-6/12T-1	935 / 435		2.20 / 0.87	0.75 / 0.15	13800/6900	66/51	32	34	47	
HCH	HFT	HCT	71-4T-1.5	1400	4.03	2.32	1.10	19750	78	33	35	52	
HCH	HFT	HCT	71-4/8T-1.5	1440 / 710		2.90 / 1.30	1.10 / 0.25	19600/9800	78/63	32	34	51	
HCH	HFT	HCT	71-4T-2	1430	5.96	3.44	1.50	21100	79	36	38	55	
HCH	HFT	HCT	71-4/8T-2	1420 / 700		3.50 / 1.50	1.50 / 0.37	21100/10550	79/64	35	37	54	
HCH	HFT	HCT	71-4T-3	1445	8.36	4.83	2.20	23950	81	45	47	64	
HCH	HFT	HCT	71-4/8T-3	1430 / 710		4.90 / 1.70	2.20 / 0.45	24150/12075	81/66	42	44	61	
HCH	HFT	HCT	71-4T-4	1445	10.96	6.33	3.00	29400	82	47	49	66	
HCH	HFT	HCT	71-4/8T-4	1430 / 710		6.50 / 2.30	3.00 / 0.60	29550/14775	82/67	46	48	64	
HCH	HFT	HCT	71-6T -0.75	900	2.99	1.73	0.55	15150	67	29	31	49	
HCH	HFT	HCT	71-6M -0.75	900	3.84		0.55	15150	67	29	31	49	
HCH	HFT	HCT	71-6T -1	945	3.90	2.20	0.75	17250	68	36	38	55	
HCH	HFT	HCT	71-6/12T-1	935 / 435		2.20 / 0.87	0.75 / 0.15	17150/8575	68/53	35	37	54	
HCH	HFT	HCT	71-6T -1.5	945	4.88	2.82	1.10	20950	69	38	40	57	
HCH	HFT	HCT	71-6/12T-1.5	950 / 470		3.00 / 1.15	1.10 / 0.18	20950/10475	69/54	37	39	56	
HCH	HFT	HCT	80-4T-3	1445	8.36	4.83	2.20	28000	82	53	55	72	
HCH	HFT	HCT	80-4/8T-3	1430 / 710		4.90 / 1.70	2.20 / 0.45	28000/14000	82/67	50	52	69	
HCH	HFT	HCT	80-4T-4	1445	10.96	6.33	3.00	32700	83	55	57	74	
HCH	HFT	HCT	80-4/8T-4	1430 / 710		6.50 / 2.30	3.00 / 0.60	32700/16350	83/68	54	56	73	
HCH	HFT	HCT	80-4T-5.5	1440	14.10	8.12	4.00	37200	84	60	62	79	
HCH	HFT	HCT	80-4/8T-5.5	1430 / 710		8.20 / 2.90	4.00 / 0.80	37200/18600	84/69	66	68	85	
HCH	HFT	HCT	80-6T -1	945	3.90	2.20	0.75	20600	71	44	46	64	
HCH	HFT	HCT	80-6/12T-1	935 / 435		2.20 / 0.87	0.75 / 0.15	20600/10300	71/56	43	45	63	
HCH	HFT	HCT	80-6T -1.5	945	4.88	2.82	1.10	24250	72	46	48	66	
HCH	HFT	HCT	80-6/12T-1.5	950 / 470		3.00 / 1.15	1.10 / 0.18	24250/12125	72/57	45	47	65	
HCH	HFT	HCT	80-6T -2	955	6.42	3.71	1.50	28000	73	52	54	71	
HCH	HFT	HCT	80-6/12T-2	970 / 470		4.60 / 1.90	1.50 / 0.25	28000/14000	73/58	62	64	81	
HCH	HFT	HCT	80-6T -3	955	9.30	5.30	2.20	32500	74	57	59	76	
HCH	HFT	HCT	80-6/12T-3	940 / 470		5.60 / 2.20	2.20 / 0.37	32500/16250	74/59	62	64	81	
HCH	HFT	HCT	80-8T-0.5	700	2.77	1.60	0.37	16600	69	43	45	63	
HCH	HFT	HCT	80-8T-0.75	695	3.53	2.04	0.55	19600	70	45	47	65	
HCH	HFT	HCT	80-8T-1	705	4.68	2.70	0.75	22150	71	50	52	69	
HCH	HFT	HCT	90-4T-4	1445	10.96	6.33	3.00	37750	87	62	66	90	
HCH	HFT	HCT	90-4/8T-4	1430 / 710		6.50 / 2.30	3.00 / 0.60	37750/18875	87/72	61	65	88	
HCH	HFT	HCT	90-4T-5.5	1440	14.10	8.12	4.00	41850	89	67	71	95	
HCH	HFT	HCT	90-4/8T-5.5	1430 / 710		8.20 / 2.90	4.00 / 0.80	41850/20925	89/74	73	77	101	
HCH	HFT	HCT	90-4T-7.5	1440		11.60	6.72	47000	91	83	87	109	
HCH	HFT	HCT	90-4/8T-7.5	1450 / 720		11.80 / 3.80	5.50 / 1.10	47000/23500	91/76	93	97	119	
HCH	HFT	HCT	90-4T-10	1455		14.20	8.20	53000	92	94	98	120	

Technical characteristics

Model				Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum airflow (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)		
					230V	400V	690V				HCH	HFT	HCT
HCH	HFT	HCT	90-4/8T-10	1460 / 725	15.30 / 5.40			7.50 / 1.50	53000/26500	92/77	98	102	124
HCH	HFT	HCT	90-6T -2	955	6.42	3.71		1.50	30000	77	59	63	87
HCH	HFT	HCT	90-6/12T-2	970 / 470	4.60 / 1.90			1.50 / 0.25	30000/15000	77/62	69	73	97
HCH	HFT	HCT	90-6T -3	955	9.30	5.30		2.20	35000	78	64	68	92
HCH	HFT	HCT	90-6/12T-3	940 / 470	5.60 / 2.20			2.20 / 0.37	35000/17500	78/63	69	73	97
HCH	HFT	HCT	90-6T -4	960	12.70	7.30		3.00	40000	79	88	92	114
HCH	HFT	HCT	90-6/12T-4	960 / 480	9.00 / 3.50			3.00 / 0.55	40000/20000	79/64	87	91	113
HCH	HFT	HCT	90-8T-1	705	4.68	2.70		0.75	22400	71	57	61	85
HCH	HFT	HCT	90-8T-1.5	705	5.63	3.25		1.10	24150	72	60	64	88
HCH	HFT	HCT	90-8T-2	705	7.10	4.10		1.50	26300	73	71	75	99
HCH	HFT	HCT	90-8T-3	705	9.53	5.50		2.20	30150	74	98	102	124
HCH	HFT	HCT	100-4T-7.5	1440		11.60	6.72	5.50	52500	92	91	95	121
HCH	HFT	HCT	100-4/8T-7.5	1450 / 720	11.80 / 3.80			5.50 / 1.10	52500/26250	92/77	101	105	128
HCH	HFT	HCT	100-4T-10	1455		14.20	8.20	7.50	58500	93	102	106	131
HCH	HFT	HCT	100-4/8T-10	1460 / 725	15.30 / 5.40			7.50 / 1.50	58500/29250	93/78	106	110	135
HCH	HFT	HCT	100-4T-15	1460		20.20	11.60	11.00	68000	94	125	129	160
HCH	HFT	HCT	100-4/8T-15	1470 / 725	23.20 / 8.70			11.00 / 2.80	68000/34000	94/79	125	129	160
HCH	HFT	HCT	100-4T-20	1460		27.50	15.90	15.00	71850	95	144	148	179
HCH	HFT	HCT	100-4/8T-20	1460 / 725	31.72 / 11.75			15.00 / 3.80	72450/36225	95/80	140	144	175
HCH	HFT	HCT	100-6T -3	955	9.30	5.30		2.20	40500	82	72	76	103
HCH	HFT	HCT	100-6/12T-3	940 / 470	5.60 / 2.20			2.20 / 0.37	40500/20250	82/67	77	81	108
HCH	HFT	HCT	100-6T -4	960	12.70	7.30		3.00	46950	83	96	100	125
HCH	HFT	HCT	100-6/12T-4	960 / 480	9.00 / 3.50			3.00 / 0.55	46950/23475	83/68	95	99	124
HCH	HFT	HCT	100-6T -5.5	960	16.50	9.46		4.00	52000	84	104	108	133
HCH	HFT	HCT	100-6/12T-5.5	970 / 480	4.00 / 11.00			4.00 / 0.65	52000/26000	84/69	100	104	129
HCH	HFT	HCT	100-8T-1.5	705	5.63	3.25		1.10	32500	76	67	71	99
HCH	HFT	HCT	100-8T-2	705	7.10	4.10		1.50	33850	77	79	83	110
HCH	HFT	HCT	100-8T-3	705	9.53	5.50		2.20	35150	77	106	110	135
HCH	HFT	HCT	100-8T-4	705	12.82	7.40		3.00	37800	78	114	118	143



Erp. BEP (best efficiency point) characteristics

MC	Measurement category	ηe[%]	Efficiency
EC	Efficiency category	N	Degree of efficiency
	S Static	[kW]	Electrical power
	T Total	[m³/h]	Airflow
VSD	Variable-speed drive	[mmH₂O]	Static or total pressure (According to EC)
SR	Specific relationship	[RPM]	Speed

Model	MC	EC	VSD	SR	ηe[%]	N	(kW)	(m³/h)	(mmH₂O)	(RPM)
25-4M	-	-	-	-	-	-	0.102	566	3.59	1386
25-4T	-	-	-	-	-	-	0.099	586	3.45	1358
31-2M	A	S	NO	1.00	27.6%	37.5	0.266	1652	16.33	2805
31-2T	A	S	NO	1.00	29.4%	39.5	0.250	1708	15.79	2774
31-4M	-	-	-	-	-	-	0.111	1004	4.09	1418
31-4T	-	-	-	-	-	-	0.103	1013	4.06	1397
35-2M	A	S	NO	1.00	36.5%	44.6	0.524	2983	23.52	2791
35-2T	A	S	NO	1.00	37.1%	45.2	0.515	2998	23.40	2737
35-4M	A	S	NO	1.00	25.6%	37.4	0.137	1851	6.96	1425
35-4T	A	S	NO	1.00	27.4%	39.3	0.128	1857	6.94	1400
40-2T-1.5	A	S	NO	1.00	33.9%	40.2	1.029	4386	29.24	2896
40-4T-0.33	A	S	NO	1.00	32.0%	41.7	0.289	3401	10.00	1396
45-2T-2	A	S	NO	1.00	36.9%	42.0	1.573	5401	39.47	2805
45-2T-3	A	S	NO	1.00	38.7%	43.1	2.047	8183	35.55	2910
45-2/4T-3	A	S	NO	1.00	37.7%	42.0	2.110	8454	34.61	2934
45-4T-0.5	A	S	NO	1.00	33.4%	41.8	0.475	4228	13.80	1392
45-4M-0.5	A	S	NO	1.00	29.6%	37.6	0.538	4257	13.73	1410
50-4T-0.75	A	S	NO	1.00	29.5%	37.0	0.649	3716	18.91	1406
56-4T-0.75	A	S	NO	1.00	33.2%	40.6	0.660	6808	11.81	1405
56-4M-0.75	A	S	NO	1.00	32.7%	40.1	0.669	6622	12.13	1422
56-4T-1	A	S	NO	1.00	33.2%	40.3	0.759	6599	14.03	1423
56-4T-1.5	A	S	NO	1.00	31.3%	37.7	0.973	7130	15.69	1427
56-6T -0.33	A	S	NO	1.00	31.4%	41.7	0.237	3564	7.69	919
56-6M -0.33	A	S	NO	1.00	26.6%	36.3	0.293	4104	6.98	933

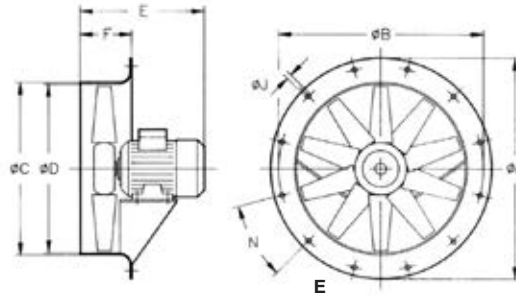


Erp. BEP (best efficiency point) characteristics

Model	MC	EC	VSD	SR	ηe[%]	N	(kW)	(m³/h)	(mmH₂O)	(RPM)
63-4T-1	C	S	NO	1.00	45.0%	52.0	0.794	8989	14.61	1424
63-4/8T-1	C	S	NO	1.00	38.2%	44.7	0.938	8924	14.74	1440
63-4T-1.5	C	S	NO	1.00	45.3%	51.1	1.179	10593	18.50	1412
63-4/8T-1.5	C	S	NO	1.00	41.4%	47.1	1.286	10448	18.74	1451
63-4T-2	C	S	NO	1.00	44.6%	49.8	1.493	11688	20.93	1442
63-4/8T-2	C	S	NO	1.00	38.4%	43.2	1.734	11566	21.13	1433
63-4T-3	C	S	NO	1.00	35.7%	40.0	2.105	14963	18.46	1456
63-4/8T-3	C	S	NO	1.00	33.4%	37.5	2.248	14534	18.99	1446
63-6T -0.5	C	S	NO	1.00	32.7%	41.1	0.474	6417	8.88	921
63-6M -0.5	C	S	NO	1.00	32.2%	40.6	0.482	6339	8.99	915
63-6T -0.75	C	S	NO	1.00	32.6%	40.6	0.547	6936	9.46	933
63-6T -1	C	S	NO	1.00	29.1%	36.2	0.748	7611	10.50	958
71-4T-1.5	C	S	NO	1.00	53.4%	59.2	1.217	11355	21.04	1409
71-4/8T-1.5	C	S	NO	1.00	45.1%	50.4	1.411	11393	20.50	1446
71-4T-2	C	S	NO	1.00	50.1%	55.3	1.508	13256	20.95	1442
71-4/8T-2	C	S	NO	1.00	43.7%	48.5	1.731	13141	21.15	1433
71-4T-3	C	S	NO	1.00	45.6%	49.8	2.216	14513	25.59	1453
71-4/8T-3	C	S	NO	1.00	41.7%	45.6	2.478	14275	26.60	1441
71-4T-4	C	S	NO	1.00	38.4%	41.3	3.404	18556	25.85	1447
71-4/8T-4	C	S	NO	1.00	37.5%	40.4	3.534	18165	26.80	1436
71-6T -0.75	C	S	NO	1.00	35.7%	43.0	0.710	8036	11.60	913
71-6M -0.75	C	S	NO	1.00	33.6%	40.7	0.755	7945	11.73	908
71-6T -1	C	S	NO	1.00	35.3%	42.3	0.796	8550	12.07	956
71-6/12T-1	C	S	NO	1.00	33.6%	40.5	0.829	8626	11.87	952
71-6T -1.5	C	S	NO	1.00	37.6%	43.6	1.123	12806	12.11	956
71-6/12T-1.5	C	S	NO	1.00	30.6%	36.1	1.373	12573	12.28	952
80-4T-3	C	S	NO	1.00	56.7%	60.7	2.309	16178	29.73	1451
80-4/8T-3	C	S	NO	1.00	50.1%	53.8	2.621	15754	30.61	1437
80-4T-4	C	S	NO	1.00	54.0%	57.1	3.246	19442	33.11	1449
80-4/8T-4	C	S	NO	1.00	50.1%	53.0	3.496	19059	33.78	1437
80-4T-5.5	C	S	NO	1.00	51.4%	53.8	4.207	20980	37.85	1445
80-4/8T-5.5	C	S	NO	1.00	50.0%	52.3	4.324	20666	38.41	1437
80-6T -1	C	S	NO	1.00	48.0%	54.5	0.939	12168	13.62	948
80-6/12T-1	C	S	NO	1.00	43.1%	49.3	1.043	12343	13.38	939
80-6T -1.5	C	S	NO	1.00	46.7%	52.1	1.380	15312	15.45	946
80-6/12T-1.5	C	S	NO	1.00	43.1%	48.4	1.492	15127	15.63	952
80-6T -2	C	S	NO	1.00	42.2%	46.8	1.845	17013	16.79	956
80-6/12T-2	C	S	NO	1.00	39.2%	43.7	1.979	16702	17.06	971
80-6T -3	C	S	NO	1.00	36.1%	40.1	2.408	18724	17.07	960
80-6/12T-3	C	S	NO	1.00	33.3%	37.1	2.598	18276	17.42	948
80-8T-0.5	C	S	NO	1.00	36.0%	43.8	0.584	10464	7.37	701
80-8T-0.75	C	S	NO	1.00	33.9%	40.7	0.830	12481	8.28	696
80-8T-1	C	S	NO	1.00	35.4%	41.6	1.070	14234	9.79	707
90-4T-4	C	S	NO	1.00	58.1%	61.1	3.362	20308	35.36	1447
90-4/8T-4	C	S	NO	1.00	53.2%	55.9	3.681	20152	35.69	1433
90-4T-5.5	C	S	NO	1.00	56.2%	58.5	4.306	24635	36.06	1444
90-4/8T-5.5	C	S	NO	1.00	53.9%	56.1	4.487	24524	36.24	1435
90-4T-7.5	C	S	NO	1.01	53.2%	54.6	6.004	26945	43.56	1442
90-4/8T-7.5	C	S	NO	1.01	47.6%	48.7	6.705	26824	43.74	1452
90-4T-10	C	S	NO	1.01	50.3%	51.0	7.864	33102	43.89	1458
90-4/8T-10	C	S	NO	1.01	46.3%	46.7	8.546	32957	44.09	1463
90-6T -2	C	S	NO	1.00	50.9%	55.7	1.777	18106	18.37	957
90-6/12T-2	C	S	NO	1.00	46.5%	51.0	1.944	18044	18.42	971
90-6T -3	C	S	NO	1.00	43.0%	46.8	2.492	22079	17.82	958
90-6/12T-3	C	S	NO	1.00	38.8%	42.4	2.760	21982	17.90	945
90-6T -4	C	S	NO	1.00	38.7%	42.0	3.091	22590	19.47	965
90-6/12T-4	C	S	NO	1.00	33.4%	36.2	3.606	23773	18.62	961
90-8T-1	C	S	NO	1.00	42.4%	48.8	0.980	13430	11.36	715
90-8T-1.5	C	S	NO	1.00	34.9%	40.5	1.332	14032	12.18	710
90-8T-2	C	S	NO	1.00	37.3%	42.8	1.375	14674	12.84	719
90-8T-3	C	S	NO	1.00	36.6%	41.5	1.675	16898	13.32	724
100-4T-7.5	C	S	NO	1.00	51.0%	52.4	5.965	27281	40.95	1443

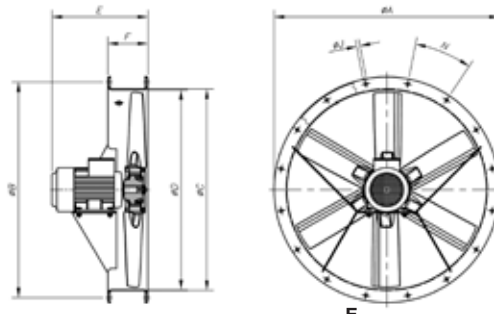
Dimensions in mm

HCH



Model	ØA	ØB	ØC	ØD	0,16	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20	F	ØJ	N
HCH-35-2	425	395	358	355	-	-	285	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°
HCH-35-4	425	395	358	355	257	-	-	-	-	-	-	-	-	-	-	-	-	-	110	10	8 X 45°
HCH-40-2	490	450	414	410	-	-	-	-	314	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-40-4	490	450	414	410	-	295	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-45-4	540	500	464	460	-	-	280	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-45-6	540	500	464	460	-	280	-	-	-	-	-	-	-	-	-	-	-	-	120	12	8 X 45°
HCH-56-4	660	620	564	560	-	-	-	310	310	330	350	-	-	-	-	-	-	-	120	12	12 X 30°
HCH-56-6	660	620	564	560	-	285	310	310	-	-	-	-	-	-	-	-	-	-	120	12	12 X 30°
HCH-63-4	730	690	645	640	-	-	-	-	325	325	355	405	405	-	-	-	-	-	150	12	12 X 30°
HCH-63-6	730	690	645	640	-	-	325	325	335	-	-	-	-	-	-	-	-	-	150	12	12 X 30°
HCH-71-4	810	770	715	710	-	-	-	-	-	330	350	415	415	-	-	-	-	-	150	12	16 X 22°30'
HCH-71-6	810	770	715	710	-	-	-	315	330	350	-	-	-	-	-	-	-	-	150	12	16 X 22°30'
HCH-80-4	900	860	805	800	-	-	-	-	-	-	425	425	445	-	-	-	-	-	180	12	16 X 22°30'
HCH-80-6	900	860	805	800	-	-	-	-	355	375	425	445	-	-	-	-	-	-	180	12	16 X 22°30'
HCH-80-8	900	860	805	800	-	-	380	380	410	-	-	-	-	-	-	-	-	-	180	12	16 X 22°30'
HCH-90-4	1015	970	906	900	-	-	-	-	-	-	-	425	430	465	465	-	-	-	180	15	16 X 22°30'
HCH-90-6	1015	970	906	900	-	-	-	-	-	425	430	465	-	-	-	-	-	-	180	15	16 X 22°30'
HCH-90-8	1015	970	906	900	-	-	-	-	410	410	395	460	-	-	-	-	-	-	180	15	16 X 22°30'
HCH-100-4	1115	1070	1006	1000	-	-	-	-	-	-	-	-	480	480	590	590	-	-	200	15	16 X 22°30'
HCH-100-6	1115	1070	1006	1000	-	-	-	-	-	-	440	480	480	-	-	-	-	-	200	15	16 X 22°30'
HCH-100-8	1115	1070	1006	1000	-	-	-	-	-	405	405	470	470	-	-	-	-	-	200	15	16 X 22°30'

HFT



Model	ØA	ØB	ØC	ØD	0,33	0,5	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20	F	ØJ	N
HFT-56-4	660	620	564	560	-	-	344	344	376	376	-	-	-	-	-	-	-	150	12	12x30°
HFT-56-6	660	620	564	560	310	344	344	-	-	-	-	-	-	-	-	-	-	150	12	12x30°
HFT-63-4	730	690	645	640	-	-	-	325	398	398	430	430	-	-	-	-	-	150	12	12x30°
HFT-63-6	730	690	645	640	-	325	325	398	-	-	-	-	-	-	-	-	-	150	12	12x30°
HFT-71-4	810	770	715	710	-	-	-	-	400	400	440	440	-	-	-	-	-	150	12	16x22°30'
HFT-71-6	810	770	715	710	-	-	325	400	400	-	-	-	-	-	-	-	-	150	12	16x22°30'
HFT-80-4	900	860	805	800	-	-	-	-	-	425	425	445	-	-	-	-	-	180	12	16x22°30'
HFT-80-6	900	860	805	800	-	-	-	390	390	425	445	-	-	-	-	-	-	180	12	16x22°30'
HFT-80-8	900	860	805	800	-	390	390	425	-	-	-	-	-	-	-	-	-	180	12	16x22°30'
HFT-90-4	1015	970	906	900	-	-	-	-	-	-	430	440	470	470	-	-	-	180	15	16x22°30'
HFT-90-6	1015	970	906	900	-	-	-	-	430	440	470	-	-	-	-	-	-	180	15	16x22°30'
HFT-90-8	1015	970	906	900	-	-	-	430	430	440	470	-	-	-	-	-	-	180	15	16x22°30'
HFT-100-4	1115	1070	1006	1000	-	-	-	-	-	-	-	485	485	590	590	-	-	200	15	16x22°30'
HFT-100-6	1115	1070	1006	1000	-	-	-	-	-	440	485	485	-	-	-	-	-	200	15	16x22°30'
HFT-100-8	1115	1070	1006	1000	-	-	-	-	420	440	485	485	-	-	-	-	-	200	15	16x22°30'

HCT

Model	ØA	ØB	ØD	E	E1	ØJ	N
HCT-25	310	280	240	230	10	10	4x90°
HCT-31	350	320	280	270	-	10	4x90°
HCT-35	425	395	355	280	-	10	8x45°
HCT-40	490	450	410	320	-	12	8x45°
HCT-45	540	500	460	360	-	12	8x45°
HCT-50	600	560	514	360	-	12	12x30°
HCT-56	660	620	560	400	-	12	12x30°
HCT-63	730	690	640	430	-	12	12x30°
HCT-71	810	770	710	500	-	12	16x22°30'
HCT-80	900	860	800	500	-	12	16x22°30'
HCT-90	1015	970	900	500	-	15	16x22°30'
HCT-100	1115	1070	1000	550	-	15	16x22°30'
HCT-100-4T-15	1115	1070	1000	650	-	15	16x22°30'
HCT-100-4T-20	1115	1070	1000	650	-	15	16x22°30'

