



2-speed
motors

THT CJTHT

Long-cased axial fans
400° C/2 h

Construction characteristics

THT

- Series with LGAI certification according to European regulation EN 12101-3.
- Reinforced rolled steel housing (available in two lengths) and variable pitch cast aluminium impeller.
- Long housing version supplied with motor inspection door.
- 50 Hz three-phase motors. (one or two speed according to model).
- IP-55 protection, with LGAI and CTICM certification.
- On request:
 - Fans with motors for temperatures up to 200°C/2 hours.
 - Fans with two speed motors for operating in temperatures of 200°C/2h and 400°C/2h.

CJTHT

- Box with thermal and acoustic insulation, Certified in the LGAI laboratory in accordance with European norm EN-12101-3.
- THT series axial fan, with LGAI certification according to European standard EN-12101-3.
- Fan designed to work in both horizontal and vertical positions.

Technical characteristics

Model	Velocity (r/min)	Max. admissible current (A)			Installed power (kW)	Max. airflow (m3/h)	Sound level pressure dB(A)		Approx. weight Kg.	
		230V	400V	690V			THT	CJTHT	Long	Short
THT-40-4T-0.75	CJTHT-40-4T-0.75	1410	2.73	1.57	0.55	5100	64	61	32.0	29.0
THT-40-6T-0.75	CJTHT-40-6T-0.75	960	4.10	2.40	0.55	3500	53	51	36.5	33.5
THT-40-6/12T-0.75	CJTHT-40-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	3500 / 1750	53 / 38	51 / 36	40.5	37.5
THT-45-4T-0.75	CJTHT-45-4T-0.75	1410	2.73	1.57	0.55	7100	68	65	33.7	30.3
THT-45-6T-0.75	CJTHT-45-6T-0.75	960	4.10	2.40	0.55	4750	55	53	38.2	34.8
THT-45-6/12T-0.75	CJTHT-45-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	4750 / 2375	55 / 40	53 / 38	42.2	38.8
THT-50-4T-1	CJTHT-50-4T-1	1415	3.50	2.03	0.75	10000	69	66	36.6	32.8
THT-50-6T-0.75	CJTHT-50-6T-0.75	960	4.10	2.40	0.55	6800	57	55	40.1	36.3
THT-50-6/12T-0.75	CJTHT-50-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	6800 / 3400	57 / 42	55 / 40	44.1	40.3
THT-56-4T-1	CJTHT-56-4T-1	1430	3.50	2.00	0.75	12900	73	70	45.1	39.7
THT-56-4T-1.5	CJTHT-56-4T-1.5	1430	4.80	2.80	1.10	14000	74	71	44.0	39.7
THT-56-4/8T-1.5	CJTHT-56-4/8T-1.5	1440 / 710		2.90 / 1.40	1.10 / 0.25	14000 / 7000	74 / 59	71 / 56	47.5	43.2
THT-56-4T-2	CJTHT-56-4T-2	1420	6.20	3.60	1.50	15300	75	72	47.5	43.2
THT-56-4/8T-2	CJTHT-56-4/8T-2	1415 / 715		3.60 / 1.50	1.50 / 0.30	15300 / 7650	75 / 60	72 / 57	59.0	54.7
THT-56-6T-0.75	CJTHT-56-6T-0.75	960	4.10	2.40	0.55	10000	62	60	43.5	39.2
THT-56-6/12T-0.75	CJTHT-56-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	10000 / 5000	62 / 47	60 / 45	47.5	43.2
THT-63-4T-1	CJTHT-63-4T-1	1430	3.50	2.00	0.75	14100	73	70	48.5	42.8
THT-63-4T-1.5	CJTHT-63-4T-1.5	1430	4.80	2.80	1.10	17000	74	71	51.0	45.3
THT-63-4/8T-1.5	CJTHT-63-4/8T-1.5	1440 / 710		2.90 / 1.40	1.10 / 0.25	17000 / 8500	74 / 59	71 / 56	54.5	48.8
THT-63-4T-2	CJTHT-63-4T-2	1420	6.20	3.60	1.50	18900	75	72	54.5	48.8
THT-63-4/8T-2	CJTHT-63-4/8T-2	1415 / 715		3.60 / 1.50	1.50 / 0.30	18900 / 9450	75 / 60	72 / 57	70.0	60.3
THT-63-4T-3	CJTHT-63-4T-3	1430	9.00	5.20	2.20	22000	76	73	64.1	53.9
THT-63-4/8T-3	CJTHT-63-4/8T-3	1415 / 715		5.20 / 1.90	2.20 / 0.45	22000 / 11000	76 / 61	73 / 58	76.6	66.4
THT-63-4T-4	CJTHT-63-4T-4	1430	11.80	6.80	3.00	25200	77	74	72.9	63.0
THT-63-4/8T-4	CJTHT-63-4/8T-4	1425 / 710		6.80 / 2.20	3.00 / 0.60	25200 / 12600	77 / 62	74 / 59	86.4	76.5
THT-63-6T-0.75	CJTHT-63-6T-0.75	960	4.10	2.40	0.55	12600	65	63	50.5	44.8
THT-63-6/12T-0.75	CJTHT-63-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	12600 / 6300	65 / 50	63 / 48	54.5	48.8
THT-63-6T-1	CJTHT-63-6T-1	950	4.70	2.70	0.75	13800	66	64	54.0	48.3
THT-63-6/12T-1	CJTHT-63-6/12T-1	940 / 440		2.20 / 0.87	0.75 / 0.15	13800 / 6900	66 / 51	64 / 49	60.5	54.8
THT-71-4T-1.5	CJTHT-71-4T-1.5	1430	4.80	2.80	1.10	19900	78	75	57.7	52.0
THT-71-4/8T-1.5	CJTHT-71-4/8T-1.5	1440 / 710		2.90 / 1.40	1.10 / 0.25	19900 / 9950	78 / 63	75 / 60	61.2	55.5
THT-71-4T-2	CJTHT-71-4T-2	1420	6.20	3.60	1.50	21000	79	76	61.2	55.5
THT-71-4/8T-2	CJTHT-71-4/8T-2	1415 / 715		3.60 / 1.50	1.50 / 0.30	21000 / 10500	79 / 64	76 / 61	75.8	67.0
THT-71-4T-3	CJTHT-71-4T-3	1430	9.00	5.20	2.20	24000	81	78	69.9	61.1
THT-71-4/8T-3	CJTHT-71-4/8T-3	1415 / 715		5.20 / 1.90	2.20 / 0.45	24000 / 12000	81 / 66	78 / 63	82.4	73.6
THT-71-4T-4	CJTHT-71-4T-4	1430	11.80	6.80	3.00	29400	82	79	78.9	69.0
THT-71-4/8T-4	CJTHT-71-4/8T-4	1425 / 710		6.80 / 2.20	3.00 / 0.60	29400 / 14700	82 / 67	79 / 64	91.4	81.5
THT-71-6T-0.75	CJTHT-71-6T-0.75	960	4.10	2.40	0.55	15000	67	65	57.2	51.5
THT-71-6/12T-0.75	CJTHT-71-6/12T-0.75	940 / 440		1.60 / 0.55	0.55 / 0.09	15000 / 7500	67 / 52	65 / 50	61.2	55.5
THT-71-6T-1	CJTHT-71-6T-1	950	4.70	2.70	0.75	17200	68	66	60.7	55.0
THT-71-6/12T-1	CJTHT-71-6/12T-1	940 / 440		2.20 / 0.87	0.75 / 0.15	17200 / 8600	68 / 53	66 / 51	67.2	61.5
THT-71-6T-1.5	CJTHT-71-6T-1.5	955	5.90	3.40	1.10	21100	69	67	69.4	60.6
THT-71-6/12T-1.5	CJTHT-71-6/12T-1.5	950 / 470		3.00 / 1.15	1.10 / 0.18	21100 / 10550	69 / 54	67 / 52	77.4	68.6
THT-80-4T-3	CJTHT-80-4T-3	1430	9.00	5.20	2.20	29500	82	79	78.9	69.0
THT-80-4/8T-3	CJTHT-80-4/8T-3	1415 / 715		5.20 / 1.90	2.20 / 0.45	29500 / 14750	82 / 67	79 / 64	91.4	81.5
THT-80-4T-4	CJTHT-80-4T-4	1430	11.80	6.80	3.00	37000	83	80	87.7	78.0
THT-80-4/8T-4	CJTHT-80-4/8T-4	1425 / 710		6.80 / 2.20	3.00 / 0.60	37000 / 18500	83 / 68	80 / 65	101.2	91.5
THT-80-4T-5.5	CJTHT-80-4T-5.5	1435		8.40	4.80	40500	84	81	94.2	84.5
THT-80-4/8T-5.5	CJTHT-80-4/8T-5.5	1455 / 725		9.30 / 3.40	4.00 / 0.80	40500 / 20250	84 / 69	81 / 66	127.2	117.5



Technical characteristics

Model		Velocity (r/min)	Max. admissible current (A)			Installed power (kW)	Max. airflow (m3/h)	Sound level pressure dB(A)		Approx. weight Kg.		
			230V	400V	690V			THT	CJTHT	THT Long	Short CJTHT	
THT-80-6T-1.5	CJTHT-80-6T-1.5	955	5.90	3.40		1.10	26000	72	70	78.4	68.5	102.3
THT-80-6/12T-1.5	CJTHT-80-6/12T-1.5	950 / 470		3.00 / 1.15		1.10 / 0.18	26000 / 13000	72 / 57	70 / 55	86.4	76.5	110.3
THT-80-6T-2	CJTHT-80-6T-2	950	6.70	3.90		1.50	29700	73	71	87.2	77.5	111.2
THT-80-6/12T-2	CJTHT-80-6/12T-2	950 / 460		4.60 / 1.90		1.50 / 0.25	29700 / 14850	73 / 58	71 / 56	91.2	81.5	115.2
THT-80-6T-3	CJTHT-80-6T-3	935	9.50	5.50		2.20	33500	74	72	93.7	84.0	117.7
THT-80-6/12T-3	CJTHT-80-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	33500 / 16750	74 / 59	72 / 57	100.2	90.5	124.2
THT-80-8T-0.75	CJTHT-80-8T-0.75	700	3.60	2.10		0.55	19500	70	68	71.4	61.5	95.3
THT-80-8T-1	CJTHT-80-8T-1	710	4.80	2.80		0.75	22000	71	69	78.4	68.5	102.3
THT-90-4T-4	CJTHT-90-4T-4	1430	11.80	6.80		3.00	40000	87	84	110.0	92.9	135.6
THT-90-4/8T-4	CJTHT-90-4/8T-4	1425 / 710		6.80 / 2.20		3.00 / 0.60	40000 / 20000	87 / 72	84 / 69	123.5	106.4	149.1
THT-90-4T-5.5	CJTHT-90-4T-5.5	1435		8.40	4.80	4.00	46500	89	86	116.5	99.4	142.1
THT-90-4/8T-5.5	CJTHT-90-4/8T-5.5	1455 / 725		9.30 / 3.40		4.00 / 0.80	46500 / 23250	89 / 74	86 / 71	149.5	132.4	176.1
THT-90-4T-7.5	CJTHT-90-4T-7.5	1460		12.60	7.30	5.50	51000	91	88	143.2	125.7	167.5
THT-90-4/8T-7.5	CJTHT-90-4/8T-7.5	1455 / 725		12.80 / 4.60		5.50 / 1.10	51000 / 25500	91 / 76	88 / 73	157.2	139.7	181.5
THT-90-4T-10	CJTHT-90-4T-10	1460		17.70	10.20	7.50	54700	92	89	154.2	136.7	178.5
THT-90-4/8T-9	CJTHT-90-4/8T-9	1455 / 725		15.60 / 6.30		6.70 / 1.50	54700 / 27350	92 / 77	89 / 74	157.2	139.7	181.5
THT-90-6T-2	CJTHT-90-6T-2	950	6.70	3.90		1.50	34300	77	75	109.5	92.4	135.1
THT-90-6/12T-2	CJTHT-90-6/12T-2	950 / 460		4.60 / 1.90		1.50 / 0.25	34300 / 17150	77 / 62	75 / 60	113.5	96.4	139.1
THT-90-6T-3	CJTHT-90-6T-3	935	9.50	5.50		2.20	38800	78	76	116.0	98.9	141.6
THT-90-6/12T-3	CJTHT-90-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	38800 / 19400	78 / 63	76 / 61	122.5	105.4	148.1
THT-90-6T-4	CJTHT-90-6T-4	970	13.50	7.80		3.00	42400	79	77	141.7	124.2	166.0
THT-90-6/12T-4	CJTHT-90-6/12T-4	960 / 475		8.90 / 3.50		3.00 / 0.55	42400 / 21200	79 / 64	77 / 62	143.2	125.7	167.5
THT-90-8T-1	CJTHT-90-8T-1	710	4.80	2.80		0.75	22500	71	69	100.2	83.6	126.2
THT-90-8T-2	CJTHT-90-8T-2	710	7.80	4.50		1.50	26000	73	71	116.0	98.9	141.6
THT-90-8T-3	CJTHT-90-8T-3	710	11.40	6.60		2.20	30000	74	72	133.7	116.2	158.0
THT-100-4T-7.5	CJTHT-100-4T-7.5	1460		12.60	7.30	5.50	54000	92	89	151.3	131.2	176.1
THT-100-4/8T-7.5	CJTHT-100-4/8T-7.5	1455 / 725		12.80 / 4.60		5.50 / 1.10	54000 / 27000	92 / 77	89 / 74	165.3	145.2	190.1
THT-100-4T-10	CJTHT-100-4T-10	1460		17.70	10.20	7.50	63000	93	90	162.3	142.2	187.1
THT-100-4/8T-9	CJTHT-100-4/8T-9	1455 / 725		15.60 / 6.30		6.70 / 1.50	59000 / 29500	93 / 78	90 / 75	165.3	145.2	190.1
THT-100-4T-15	CJTHT-100-4T-15	1460		22.00	12.70	11.00	68000	94	91	214.7	194.8	230.7
THT-100-4/8T-15	CJTHT-100-4/8T-15	1470 / 725		23.20 / 8.70		11.00 / 2.80	68000 / 34000	94 / 79	91 / 76	214.7	194.8	230.7
THT-100-4T-20	CJTHT-100-4T-20	1460		29.00	16.70	15.00	72000	95	92	229.7	209.8	245.7
THT-100-4/8T-20	CJTHT-100-4/8T-20	1470 / 725		31.70 / 11.80		15.00 / 3.80	72000 / 36000	95 / 80	92 / 77	229.7	209.8	245.7
THT-100-6T-3	CJTHT-100-6T-3	935	9.50	5.50		2.20	43000	82	80	123.6	105.0	149.5
THT-100-6/12T-3	CJTHT-100-6/12T-3	940 / 470		5.60 / 2.20		2.20 / 0.37	43000 / 21500	82 / 67	80 / 65	130.1	111.5	156.0
THT-100-6T-4	CJTHT-100-6T-4	970	13.50	7.80		3.00	47000	83	81	149.8	129.7	174.6
THT-100-6/12T-4	CJTHT-100-6/12T-4	960 / 475		8.90 / 3.50		3.00 / 0.55	47000 / 23500	83 / 68	81 / 66	151.3	131.2	176.1
THT-100-6T-5.5	CJTHT-100-6T-5.5	970		11.00	6.40	4.00	53000	84	82	161.7	141.6	186.5
THT-100-6/12T-5.5	CJTHT-100-6/12T-5.5	970 / 480		11.30 / 4.20		4.00 / 0.65	53000 / 26500	84 / 69	82 / 67	162.3	142.2	187.1
THT-100-8T-2	CJTHT-100-8T-2	710	7.80	4.50		1.50	33900	77	75	123.6	105.0	149.5
THT-100-8T-3	CJTHT-100-8T-3	710	11.40	6.60		2.20	35000	77	75	141.8	121.7	166.6
THT-100-8T-4	CJTHT-100-8T-4	710	15.60	9.00		3.00	38000	78	76	161.8	141.7	186.6
THT-125-4T/3-10	CJTHT-125-4T/3-10	1460		17.70	10.20	7.50	63000	88	85	243.0	210.0	406.0
THT-125-4/8T/3-9	CJTHT-125-4/8T/3-9	1455 / 725		15.60 / 6.30		6.70 / 1.50	63000 / 31500	88 / 68	85 / 65	243.0	210.0	406.0
THT-125-4T/3-15	CJTHT-125-4T/3-15	1460		22.00	12.70	11.00	76500	89	86	294.0	266.0	462.0
THT-125-4/8T/3-15	CJTHT-125-4/8T/3-15	1470 / 725		23.20 / 8.70		11.00 / 2.80	76500 / 37500	89 / 69	86 / 66	294.0	266.0	462.0
THT-125-4T/3-20	CJTHT-125-4T/3-20	1460		29.00	16.70	15.00	92100	91	88	309.0	281.0	477.0
THT-125-4/8T/3-20	CJTHT-125-4/8T/3-20	1470 / 725		31.70 / 11.80		15.00 / 3.80	92100 / 46500	91 / 71	88 / 68	309.0	281.0	477.0
THT-125-4T/3-25	CJTHT-125-4T/3-25	1465		37.00	21.40	18.50	98500	91	88	377.0	334.0	530.0
THT-125-4T/3-30	CJTHT-125-4T/3-30	1470		42.00	24.20	22.00	102600	92	89	391.0	348.0	544.0
THT-125-4/8T/3-27	CJTHT-125-4/8T/3-27	1470 / 735		38.00 / 13.00		20.00 / 4.00	102600 / 52500	92 / 71	89 / 68	391.0	348.0	544.0
THT-125-4/8T/3-37	CJTHT-125-4/8T/3-37	1475 / 735		51.00 / 20.60		27.00 / 6.00	109800 / 56000	93 / 72	90 / 69	472.0	429.0	625.0
THT-125-4T/3-40	CJTHT-125-4T/3-40	1475		58.00	33.50	30.00	117000	93	90	472.0	429.0	625.0
THT-125-4/8T/3-40	CJTHT-125-4/8T/3-40	1480 / 735		62.00 / 27.00		30.00 / 10.00	117000 / 58500	93 / 72	90 / 69	618.0	562.0	758.0
THT-125-4T/6-20	CJTHT-125-4T/6-20	1460		29.00	16.70	15.00	80500	89	86	318.0	290.0	486.0
THT-125-4/8T/6-20	CJTHT-125-4/8T/6-20	1470 / 725		31.70 / 11.80		15.00 / 3.80	80500 / 40500	89 / 68	86 / 65	318.0	290.0	486.0
THT-125-4/8T/6-22	CJTHT-125-4/8T/6-22	1470 / 735		31.80 / 12.00		16.50 / 3.30	89100 / 44000	89 / 69	86 / 66	303.0	275.0	471.0
THT-125-4T/6-25	CJTHT-125-4T/6-25	1465		37.00	21.40	18.50	96300	90	87	386.0	343.0	539.0
THT-125-4/8T/6-27	CJTHT-125-4/8T/6-27	1470 / 735		38.00 / 13.00		20.00 / 4.00	96300 / 47500	90 / 69	87 / 66	400.0	357.0	553.0
THT-125-4T/6-30	CJTHT-125-4T/6-30	1470		42.00	24.20	22.00	102000	90	87	400.0	357.0	553.0
THT-125-4/8T/6-37	CJTHT-125-4/8T/6-37	1475 / 735		51.00 / 20.60		27.00 / 6.00	102000 / 52000	90 / 70	87 / 67	481.0	437.0	633.0
THT-125-4T/6-40	CJTHT-125-4T/6-40	1475		58.00	33.50	30.00	117350	92	89	481.0	437.0	633.0
THT-125-4/8T/6-40	CJTHT-125-4/8T/6-40	1480 / 735		62.00 / 27.00		30.00 / 10.00	117350 / 58500	92 / 71	89 / 68	627.0	571.0	767.0
THT-125-4T/6-50	CJTHT-125-4T/6-50	1480		73.00	42.10	37.00	130000	93	90	529.0	473.0	669.0
THT-125-4T/9-25	CJTHT-125-4T/9-25	1465		37.00	21.40	18.50	65000	88	85	395.0	352.0	548.0
THT-125-4/8T/9-22	CJTHT-125-4/8T/9-22	1470 / 735		31.80 / 12.00		16.50 / 3.30	65000 / 32500	88 / 69	85 / 66	312.0	284.0	480.0
THT-125-4T/9-30	CJTHT-125-4T/9-30	1470		42.00	24.20	22.00	74000	89	86	409.0	366.0	562.0
THT-125-4/8T/9-27	CJTHT-125-4/8T/9-27	1470 / 735		38.00 / 13.00		20.00 / 4.00	74000 / 37500	89 / 70	86 / 67	409.0	366.0	562.0
THT-125-4/8T/9-37	CJTHT-125-4/8T/9-37	1475 / 735		51.00 / 20.60		27.00 / 6.00	82000 / 42000	90 / 70	87 / 67	49		



THT CJTHT

Acoustic characteristics

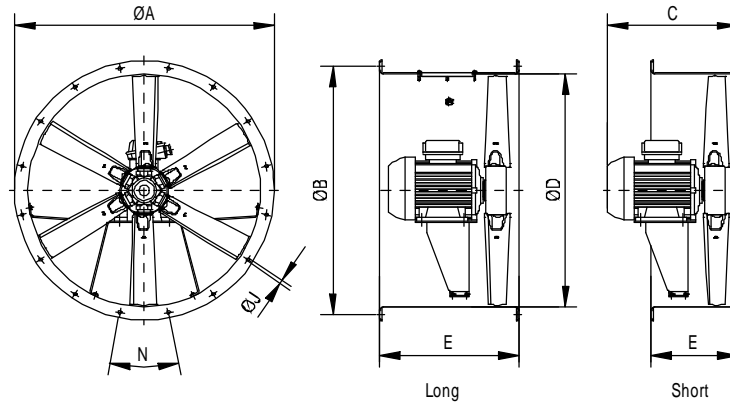
The values shown are calculated using free-field sound pressure levels in dB (A), at a distance equivalent to twice the fan span plus the impeller diameter, with a minimum of 1.5 m.

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
THT									CJTHT								
40-4	36	57	64	69	72	68	61	50	40-4	33	54	61	66	69	65	58	47
40-6	25	46	53	58	61	57	50	39	40-6	23	44	51	56	59	55	48	37
40-12	10	31	38	43	46	42	35	24	40-12	8	29	36	41	44	40	33	22
45-4	40	61	68	73	76	72	65	54	45-4	37	58	65	70	73	69	62	51
45-6	27	48	55	60	63	59	52	41	45-6	25	46	53	58	61	57	50	39
45-12	12	33	40	45	48	44	37	26	45-12	10	31	38	43	46	42	35	24
50-4	44	64	72	77	79	76	69	58	50-4	41	61	69	74	76	73	66	55
50-6	32	52	60	65	67	64	57	46	50-6	30	50	58	63	65	62	55	44
50-12	17	37	45	50	52	49	42	31	50-12	15	35	43	48	50	47	40	29
56-4-1	48	68	76	81	83	80	73	62	56-4-1	45	65	73	78	80	77	70	59
56-4-1.5	49	69	77	82	84	81	74	63	56-4-1.5	46	66	74	79	81	78	71	60
56-4-2	50	70	78	83	85	82	75	64	56-4-2	47	67	75	80	82	79	72	61
56-6	37	57	65	70	72	69	62	51	56-6	35	55	63	68	70	67	60	49
56-8-1.5	34	54	62	67	69	66	59	48	56-8-1.5	31	51	59	64	66	63	56	45
56-8-2	35	55	63	68	70	67	60	49	56-8-2	32	52	60	65	67	64	57	46
56-12	22	42	50	55	57	54	47	36	56-12	20	40	48	53	55	52	45	34
63-4-1	50	70	78	83	85	82	75	64	63-4-1	47	67	75	80	82	79	72	61
63-4-1.5	51	71	79	84	86	83	76	65	63-4-1.5	48	68	76	81	83	80	73	62
63-4-2	52	72	80	85	87	84	77	66	63-4-2	49	69	77	82	84	81	74	63
63-4-3	53	73	81	86	88	85	78	67	63-4-3	50	70	78	83	85	82	75	64
63-4-4	54	74	82	87	89	86	79	68	63-4-4	51	71	79	84	86	83	76	65
63-6-0.75	42	62	70	75	77	74	67	56	63-6-0.75	40	60	68	73	75	72	65	54
63-6-1	43	63	71	76	78	75	68	57	63-6-1	41	61	69	74	76	73	66	55
63-8-1.5	36	56	64	69	71	68	61	50	63-8-1.5	33	53	61	66	68	65	58	47
63-8-2	37	57	65	70	72	69	62	51	63-8-2	34	54	62	67	69	66	59	48
63-8-3	38	58	66	71	73	70	63	52	63-8-3	35	55	63	68	70	67	60	49
63-8-4	39	59	67	72	74	71	64	53	63-8-4	36	56	64	69	71	68	61	50
63-12-0.75	27	47	55	60	62	59	52	41	63-12-0.75	25	45	53	58	60	57	50	39
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71-4-1.5	55	75	83	88	90	87	80	69	71-4-1.5	52	72	80	85	87	84	77	66
71-4-2	56	76	84	89	91	88	81	70	71-4-2	53	73	81	86	88	85	78	67
71-4-3	58	78	86	91	93	90	83	72	71-4-3	55	75	83	88	90	87	80	69
71-4-4	59	79	87	92	94	91	84	73	71-4-4	56	76	84	89	91	88	81	70
71-6-0.75	44	64	72	77	79	76	69	58	71-6-0.75	42	62	70	75	77	74	67	56
71-6-1	45	65	73	78	80	77	70	59	71-6-1	43	63	71	76	78	75	68	57
71-6-1.5	46	66	74	79	81	78	71	60	71-6-1.5	44	64	72	77	79	76	69	58
71-8-1.5	40	60	68	73	75	72	65	54	71-8-1.5	37	57	65	70	72	69	62	51
71-8-2	41	61	69	74	76	73	66	55	71-8-2	38	58	66	71	73	70	63	52
71-8-3	43	63	71	76	78	75	68	57	71-8-3	40	60	68	73	75	72	65	54
71-8-4	44	64	72	77	79	76	69	58	71-8-4	41	61	69	74	76	73	66	55
71-12-0.75	29	49	57	62	64	61	54	43	71-12-0.75	27	47	55	60	62	59	52	41
71-12-1	30	50	58	63	65	62	55	44	71-12-1	28	48	56	61	63	60	53	42
71-12-1.5	31	51	59	64	66	63	56	45	71-12-1.5	29	49	57	62	64	61	54	43
80-4-3	59	79	87	92	94	91	84	73	80-4-3	56	76	84	89	91	88	81	70
80-4-4	60	80	88	93	95	92	85	74	80-4-4	57	77	85	90	92	89	82	71
80-4-5.5	61	81	89	94	96	93	86	75	80-4-5.5	58	78	86	91	93	90	83	72
80-6-1.5	49	69	77	82	84	81	74	63	80-6-1.5	47	67	75	80	82	79	72	61
80-6-2	50	70	78	83	85	82	75	64	80-6-2	48	68	76	81	83	80	73	62
80-6-3	51	71	79	84	86	83	76	65	80-6-3	49	69	77	82	84	81	74	63
80-8-0.75	47	67	75	80	82	79	72	61	80-8-0.75	45	65	73	78	80	77	70	59
80-8-1	48	68	76	81	83	80	73	62	80-8-1	46	66	74	79	81	78	71	60
80-8-3	44	64	72	77	79	76	69	58	80-8-3	41	61	69	74	76	73	66	55
80-8-4	45	65	73	78	80	77	70	59	80-8-4	42	62	70	75	77	74	67	56
80-8-5.5	46	66	74	79	81	78	71	60	80-8-5.5	43	63	71	76	78	75	68	57
80-12-1.5	34	54	62	67	69	66	59	48	80-12-1.5	32	52	60	65	67	64	57	46
80-12-2	35	55	63	68	70	67	60	49	80-12-2	33	53	61	66	68	65	58	47
80-12-3	36	56	64	69	71	68	61	50	80-12-3	34	54	62	67	69	66	59	48
90-4-4	65	86	93	98	101	97	90	79	90-4-4	62	83	90	95	98	94	87	76
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90-8-1	49	70	77	82	85	81	74	63	90-8-1	47	68	75	80	83	79	72	61
90-8-2	51	72	79	84	87	83	76	65	90-8-2	49	70	77	82	85	81	74	63
90-8-3	52	73	80	85	88	84	77	66	90-8-3	50	71	78	83	86	82	75	64
90-8-4	50	71	78	83	86	82	75	64	90-8-4	47	68	75	80	83	79	72	61
90-8-5.5	52	73	80	85	88	84	77	66	90-8-5.5	49	70	77	82	85	81	74	63
90-8-7.5	54	75	82	87	90	86	79	68	90-8-7.5	51	72	79	84	87	83	76	65
90-8-9	55	76	83	88	91	87	80	69	90-8-9	52	73	80	85	88	84	77	66
90-12-2	40	61	68	73	76	72	65	54	90-12-2	38	59	66	71	74	70	63	52
90-12-3	41	62	69	74	77	73	66	55	90-12-3	39	60	67	72	75	71	64	5

THT CJTHT

Dimensions mm



C (Check motor construction size)

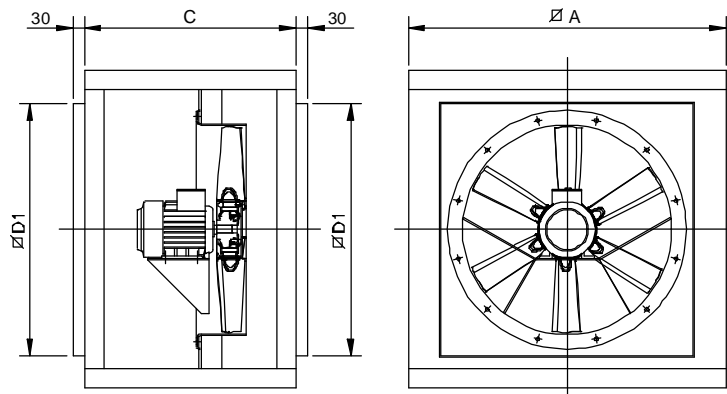
	ØA	ØB	C													E				
			80	90S	90L	100	112	132S	132M	160M	160L	180M	180L	200L	225	ØD	Long	Short	ØJ	N
THT-40	490	450	341	360	385	-	-	-	-	-	-	-	-	-	-	410	400	250	12	8x45°
THT-45	540	500	341	360	385	-	-	-	-	-	-	-	-	-	-	460	400	250	12	8x45°
THT-50	600	560	-	360	385	-	-	-	-	-	-	-	-	-	-	514	400	250	12	12x30°
THT-56	660	620	-	360	385	-	-	-	-	-	-	-	-	-	-	560	400	250	12	12x30°
THT-56	660	620	-	-	-	416	-	-	-	-	-	-	-	-	-	560	500	250	12	12x30°
THT-63	730	690	-	360	385	-	-	-	-	-	-	-	-	-	-	640	400	250	12	12x30°
THT-63	730	690	-	-	-	416	431	-	-	-	-	-	-	-	-	640	500	250	12	12x30°
THT-71	810	770	-	360	385	-	-	-	-	-	-	-	-	-	-	710	430	300	12	16x22°30'
THT-71	810	770	-	-	-	418	433	-	-	-	-	-	-	-	-	710	500	300	12	16x22°30'
THT-80	900	860	-	-	-	446	461	-	-	-	-	-	-	-	-	800	500	300	12	16x22°30'
THT-90	1015	970	-	-	-	456	471	512	550	-	-	-	-	-	-	900	600	350	15	16x22°30'
THT-100	1115	1070	-	-	-	-	471	512	550	-	-	-	-	-	-	1000	600	350	15	16x22°30'
THT-100	1115	1070	-	-	-	-	-	-	-	646	689	-	-	-	-	1000	700	450	15	16x22°30'
THT-125	1365	1320	-	-	-	-	-	523	561	-	-	-	-	-	-	1250	700	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	648	691	-	-	-	-	1250	700	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	719	757	820	-	1250	900	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	886	1250	1000	500	15	20x18°

Motor construction size according to power (1 speed)

	Motor construction size according to power (1 speed)														
	HP														
	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20	25	30	40	50
4T (1500 r/min.)	80	90S	90S	90L	100	112	112	132S	132M	160M	160L	180M	180L	200L	225
6T (1000 r/min.)	90S	90L	100	112	112	132S	132M	132M	160M	160L	180L	200L	200L	-	-
8T (750 r/min.)	100	100	100	112	132S	132M	160M	160M	160L	180L	-	-	-	-	-

Motor construction size according to power (2 speed)

	HP																
	0,75	1	1,5	2	3	4	5,5	7,5	9	10	15	20	22	24	27	37	40
4/8 (1500/750 r/min.)	-	-	90L	100	100	112	132M	132M	132M	-	160L	160L	160L	-	180L	200L	225
6/12 (1000/500 r/min.)	90L	90L	100	112	112	132S	132M	132M	-	160L	160L	-	-	200L	-	-	-



	ØA	C	ØD1
CJTHT-40/45/50	700	550	520
CJTHT-56/63	825	550	655
CJTHT-71/80	1000	650	815
CJTHT-90/100	1200	750	1000
CJTHT-125	1600	1200	1400



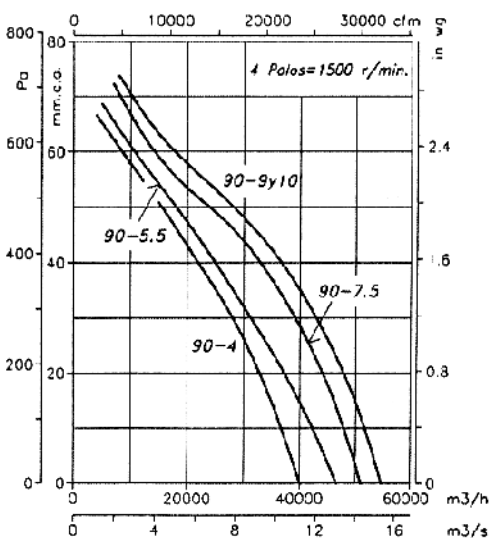
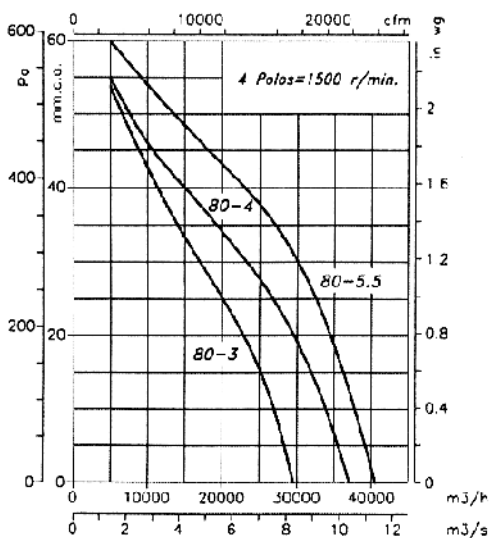
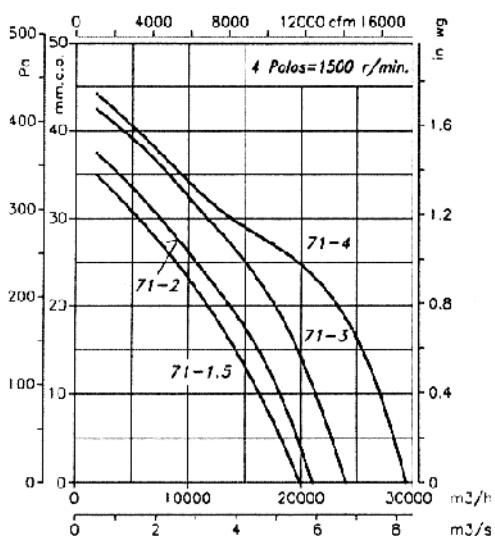
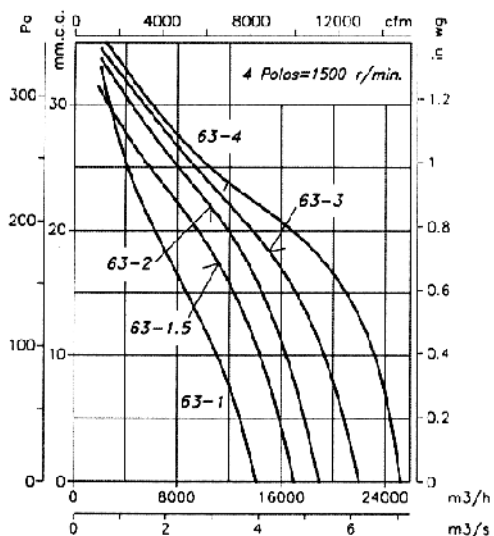
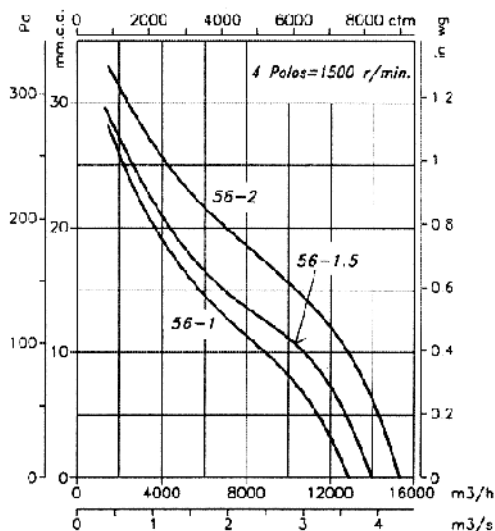
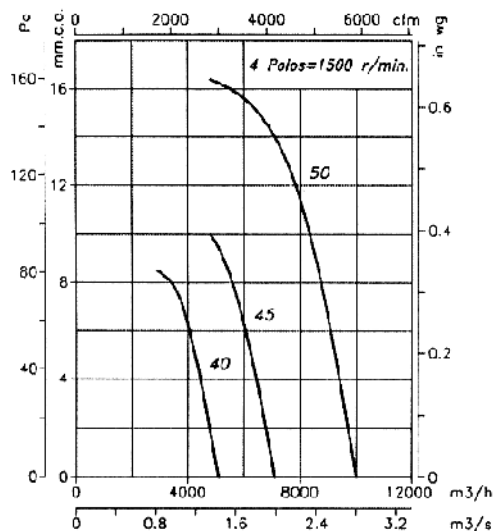
THT CJTHT



THT CJTHT

Characteristics Curves

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



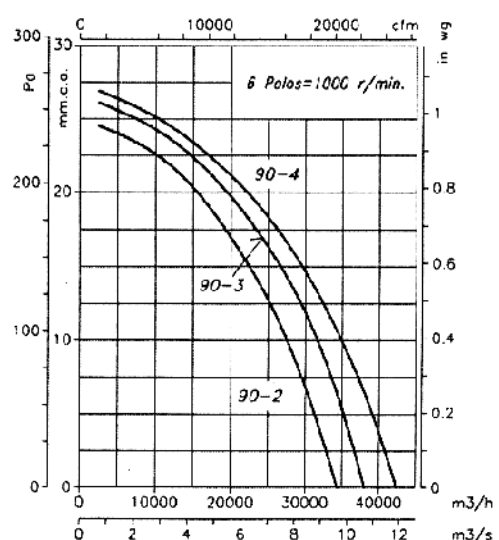
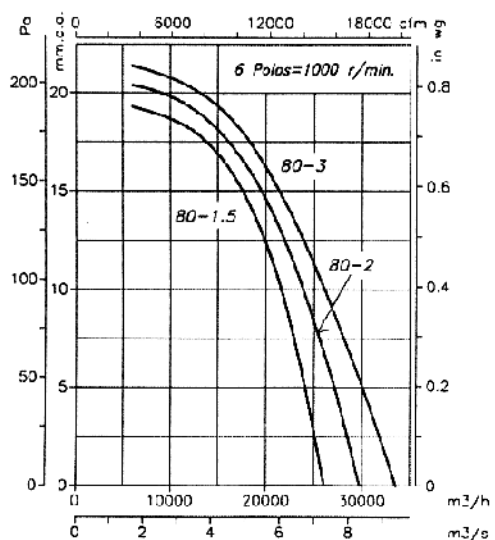
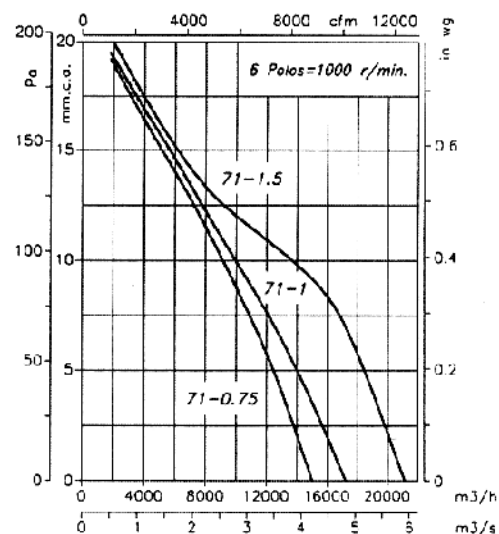
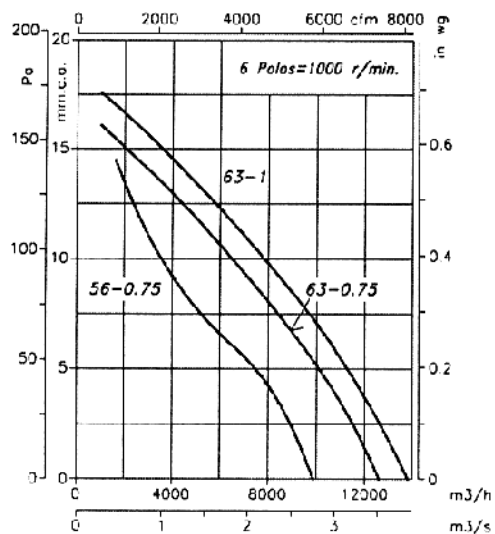
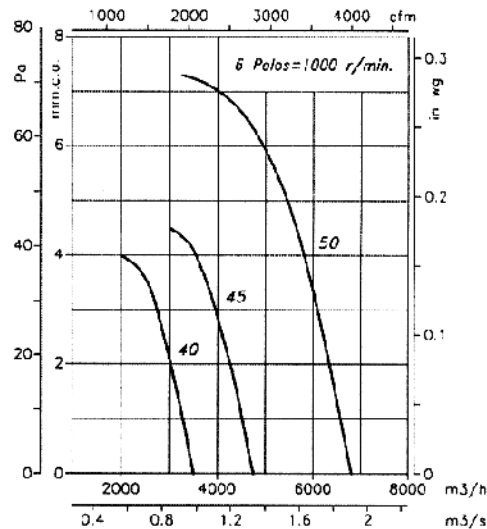
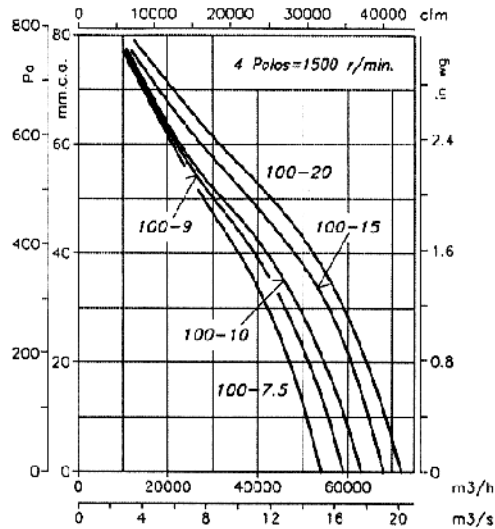


THT CJTHT

Characteristics Curves

Q = Airflow in m³/h. and m³/s.

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



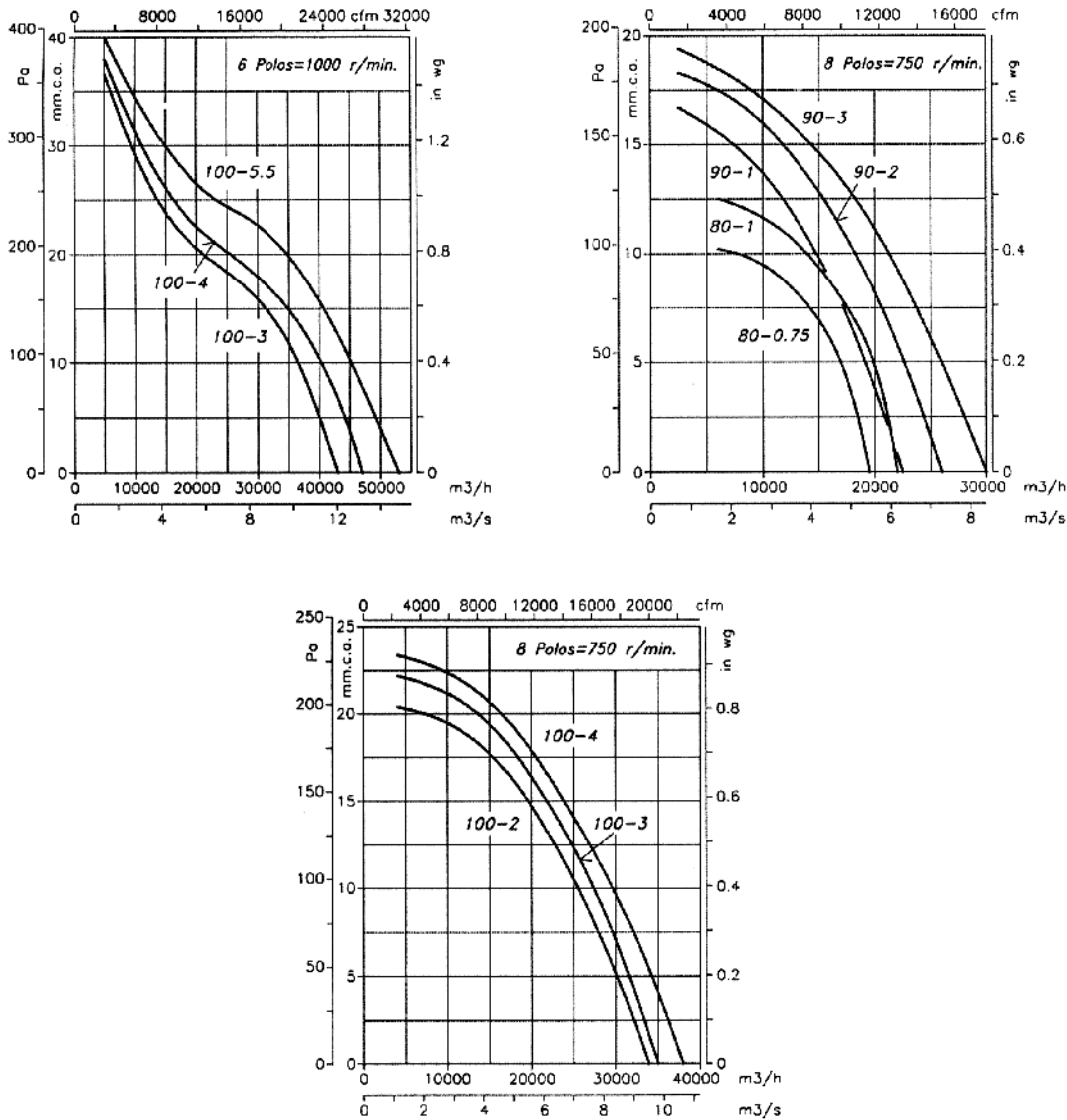
THT CJTHT



THT CJTHT

Characteristics Curves

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



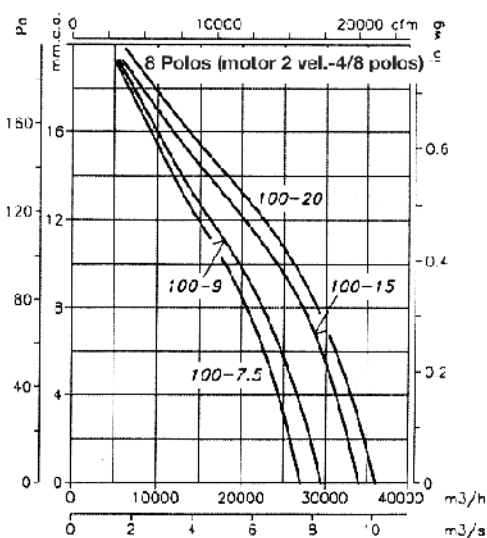
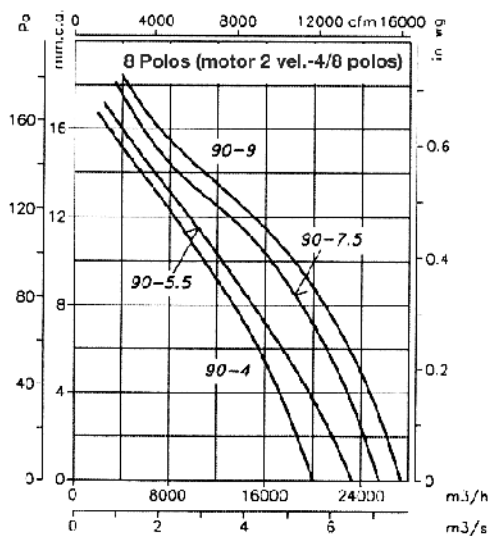
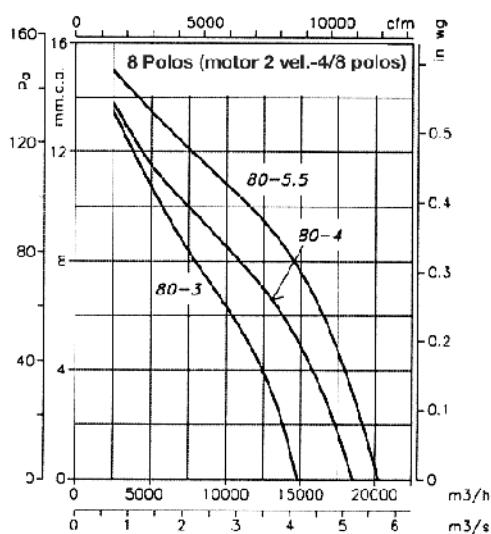
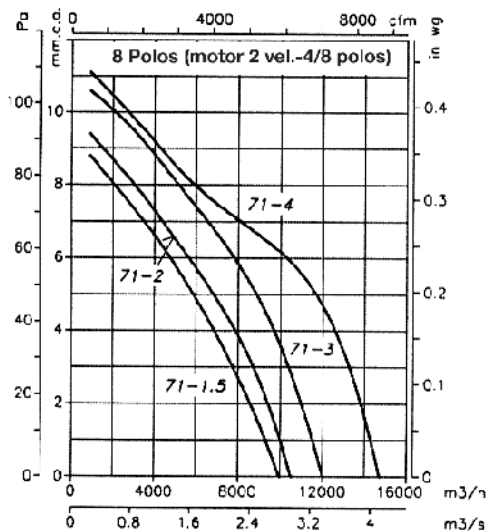
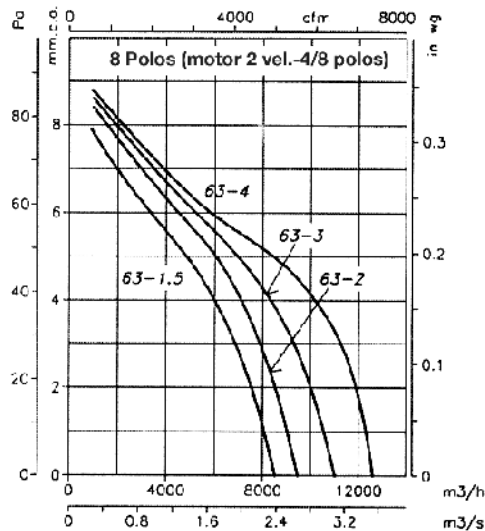
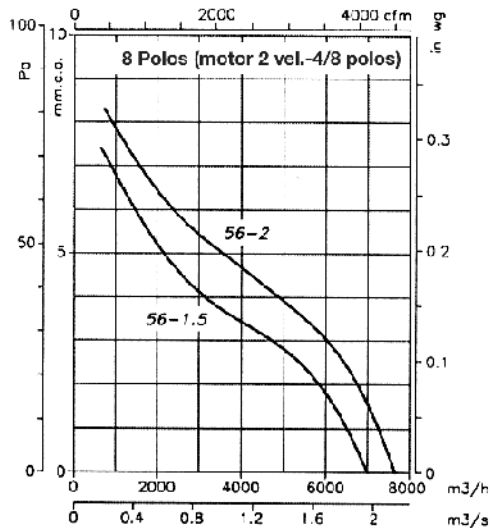


THT CJTHT

Characteristics Curves

Q = Airflow in m³/h. and m³/s.

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



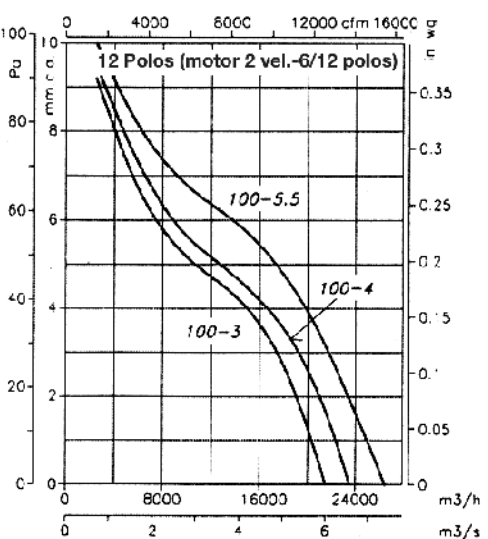
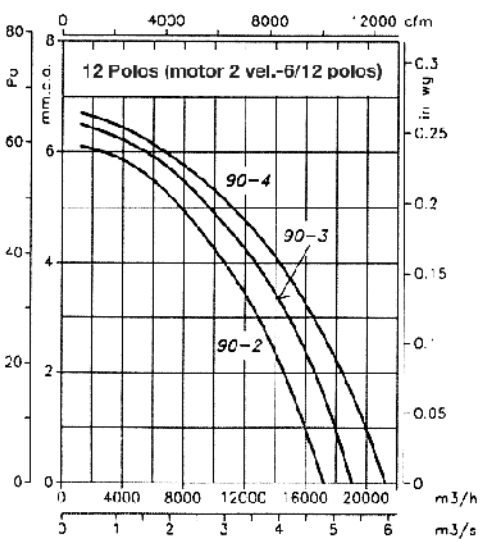
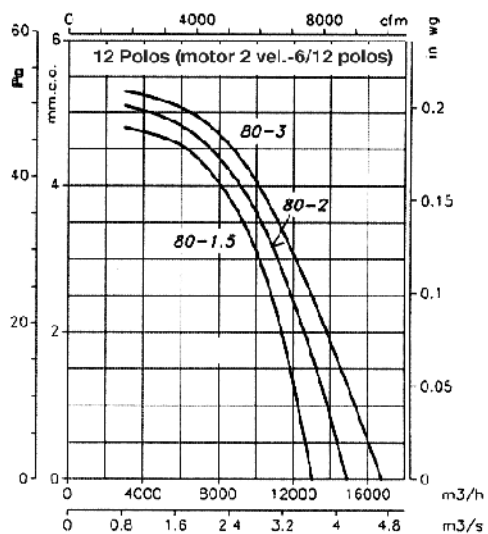
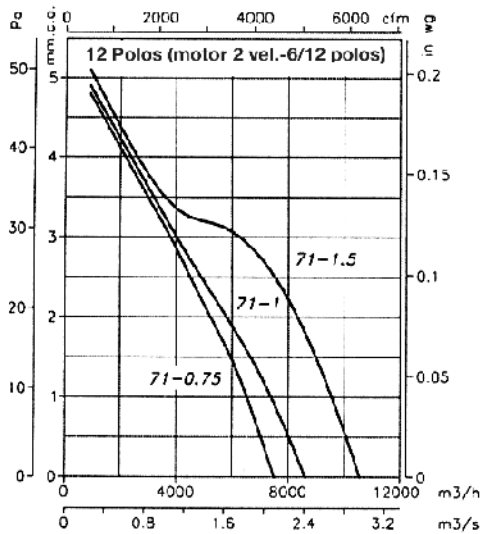
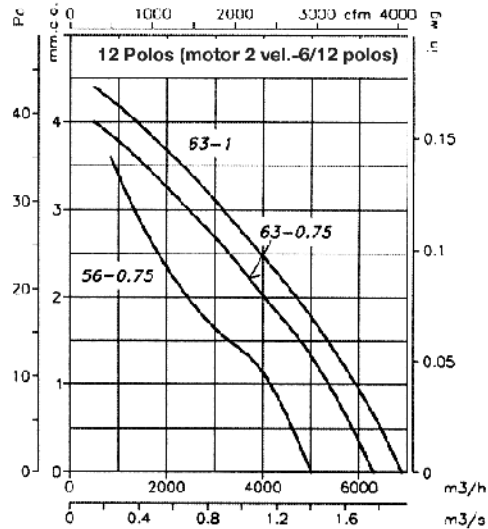
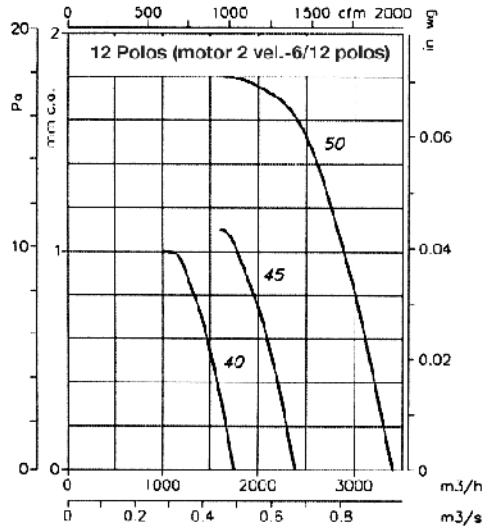
THT CJTHT



THT CJTHT

Characteristics Curves

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



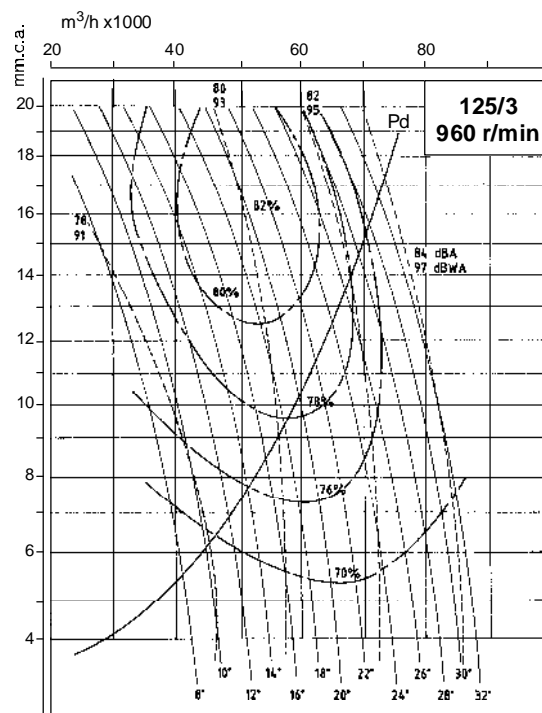
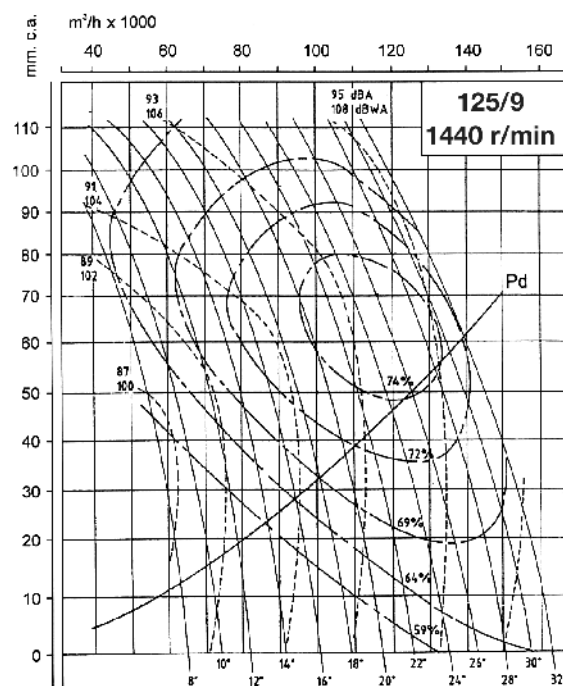
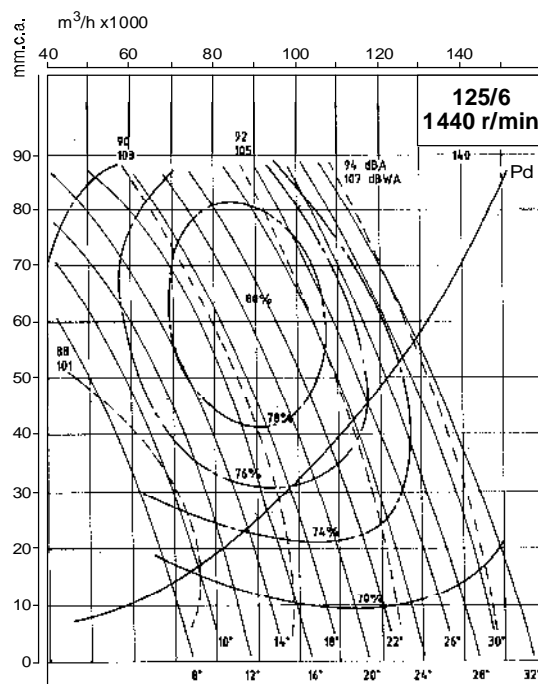
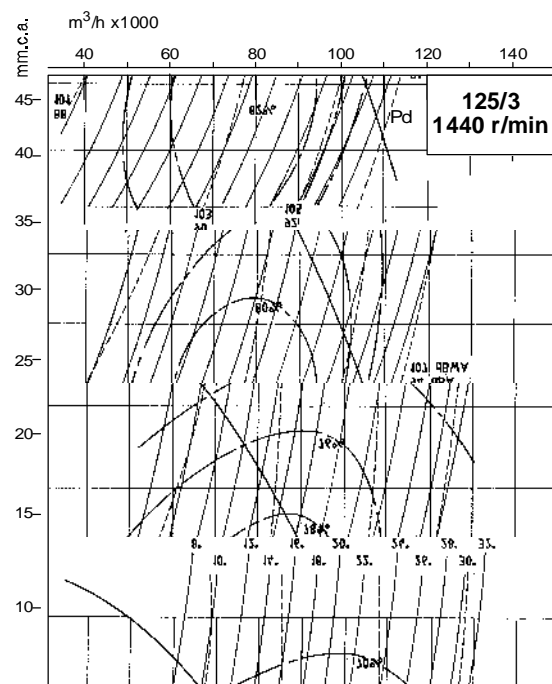


THT CJTHT

Characteristics Curves

Q = Airflow in m³/h.

Pe = Static pressure in mm.c.a.



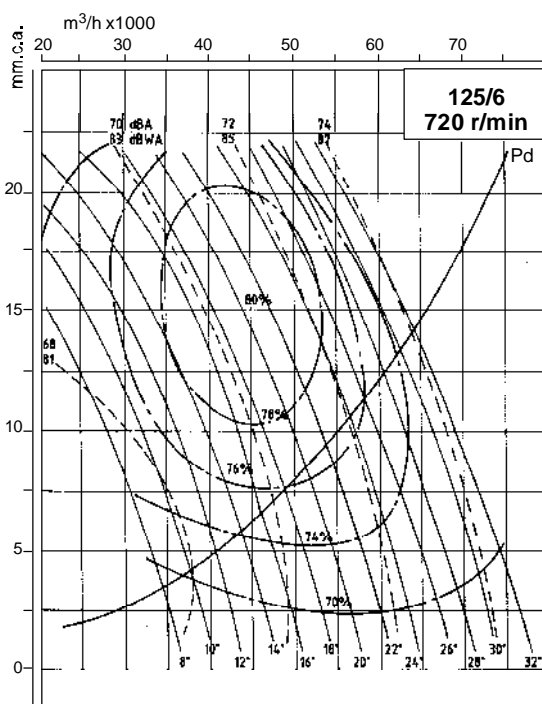
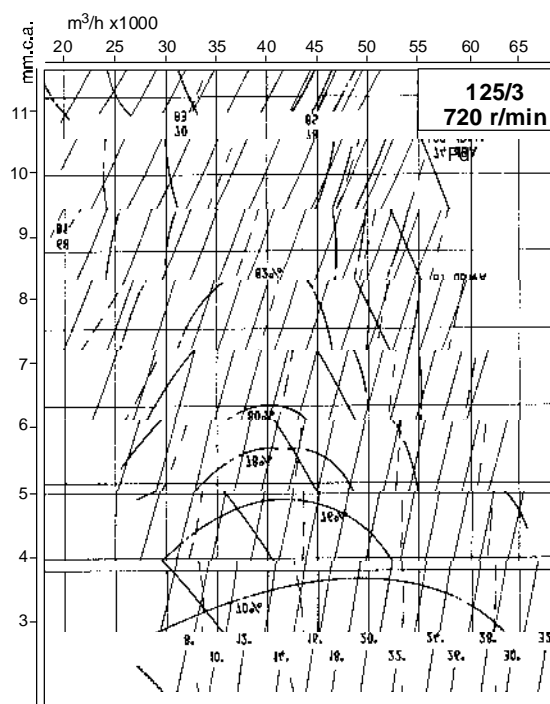
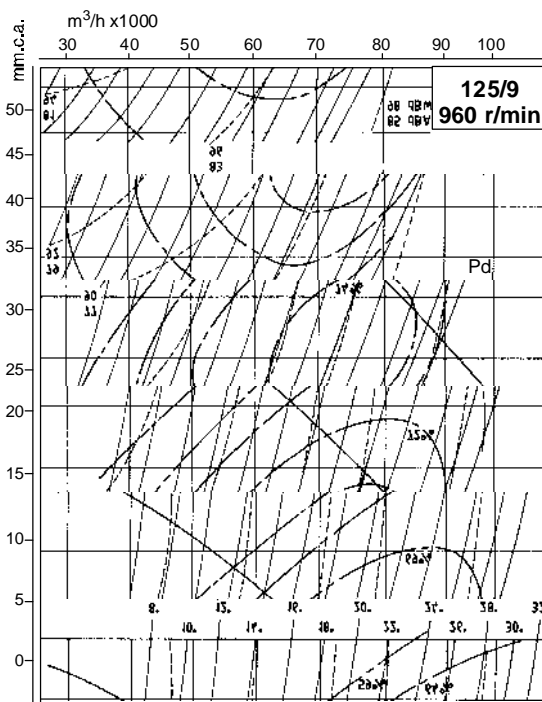
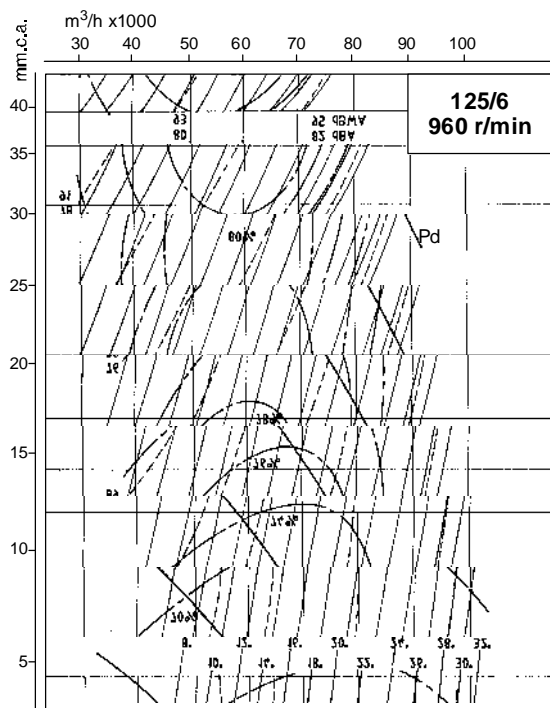


THT CJTHT

Characteristics Curves

Q = Airflow in m³/h.

Pe = Static pressure in mm.c.a.

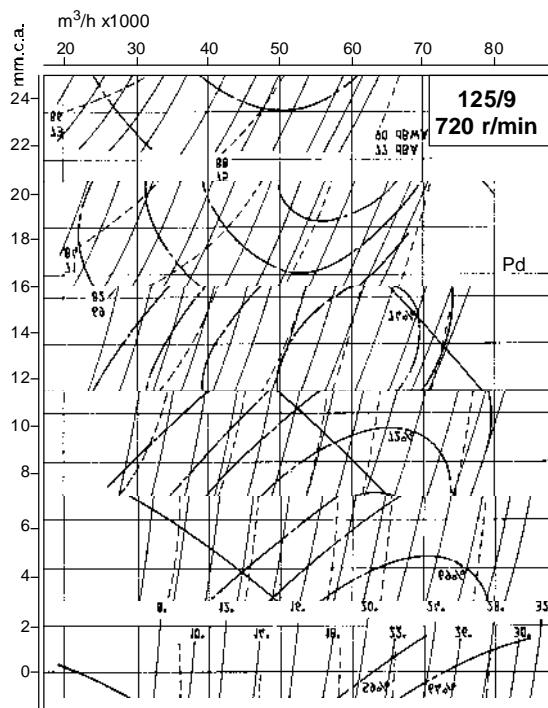


THT CJTHT

Characteristics Curves

Q = Airflow in m³/h.

Pe = Static pressure in mm.c.a.



Accessories

See pages 248 onwards.



RT



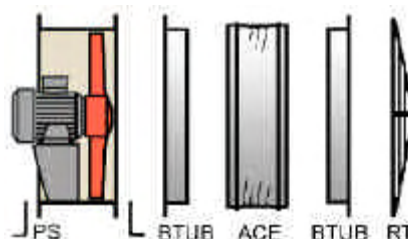
BTUB



ACE



PS



THT CJTHT