THT

THT: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h
THT/ATEX: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h with ATEX certification

Detail THT/Atex

Cased axial fans with short casing for working inside fire danger zones, 400ºC/2h. THT/ATEX: with ATEX certification, category 3 Ex II3G. In accordance with Spanish Low Voltage Regulation Itc 29 ATEX for Zone 2 rated car parks.

Fan:
- Sheet steel long casing. THT/ATEX: with aluminium strip in the impeller area in accordance with Standard EN-14986:2005
- Turnable cast aluminium impellers.
- Approval according to Standard EN-12101-3-2002, certificate no.: 0370-CPD-0305
- Airflow direction from motor to impeller

Motor:
- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one or two speeds depending on the model.
- Three-phase 230/400V.-50Hz. (up to 4CV.) and 400/690V.-50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20ºC+ 40ºC for ongoing use, S2 Service 200ºC/2h, 300ºC/2h, 400ºC/2h

Finish:
- Anticorrosive finish in polyester resin, polymerised at 190ºC, after alkaline degreasing and phosphate-free pre-treatment.

On request:
- Long-casing fans with inspection hatch
- 100% reversible impellers.

Order code

From size 40 to size 100

THT — 56 — 4T — 2 — F-400

THT: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h

THT/ATEX: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h with ATEX certification

THT/CL: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h with long casing, equipped with an inspection door

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

Power motor (c.v.)

F-200 Officially approved 200ºC/2h
F-300 Officially approved 300ºC/1h
F-400 Officially approved 400ºC/2h
CAT3: With ATEX certification, Category 3 Ex II3G.

From size 125 to size 160

THT — 125 — 4T — 15 — 9-10 — F-400

THT: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h

THT/CL: Cased axial fans 400ºC/2h, 300ºC/1h and 200ºC/2h with long casing, equipped with an inspection door

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

Power motor (c.v.)

Number of blades
3 blades
6 blades
9 blades

Angle of inclination of the blades

F-200 Officially approved 200ºC/2h
F-300 Officially approved 300ºC/1h
F-400 Officially approved 400ºC/2h
CAT3: With ATEX certification, Category 3 Ex II3G.

Technical characteristics

Model	Speed	Maximum admissible current (A)			Power installed	Airflow maximum	Sound pressure level	Approx. weight (Kg)	
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-40-2T-1,5	2880	4.70	2.70		1.1	7050	76	33	31
THT-40-2/4T-1,5	2920/ 1460		2.90/2.10		1.1 /0.25	7050/3500	76/61	34	32
THT-40-2T-2	2880	5.90	3.40		1.5	8000	77	35	33
THT-40-2/4T-2	2940/ 1460		4.40/1.40		1.5 /0.37	8000/3950	77/62	35	33
THT-40-4T-0,75	1410	2.73	1.57		0.55	4800	64	32	29
THT-40-6T-0,75	960	4.10	2.40		0,55	3150	53	37	34
THT-40-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	3150/1500	53/38	41	38
THT-45-2T-2	2880	5.90	3.40		1.50	10050	78	38	34
THT-45-2/4T-2	2940/ 1460		5.70/1.80		1.50 /0.37	10050/5000	78/63	37	34
THT-45-2T-3	2900	8.70	5.00		2.20	11350	80	39	36
THT-45-2/4T-3	2930/ 1450		4.40/1.40		2.20 /0.60	11350/5600	80/65	39	36
THT-45-4T-0,75	1410	2.73	1.57		0.55	7450	68	34	30
THT-45-6T-0,75	960	4.10	2.40		0.55	5050	55	38	35
THT-45-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	5050/2350	55/40	42	39
THT-50-2T-4	2880	11.20	6.50		3.00	13850	82	49	42
THT-50-2/4T-4	2920/ 1440		6.70/2.00		3.00 /0.80	13850/6850	82/67	51	44
THT-50-2T-5,5	2890		9.30	5.40	4.00	16450	83	65	57
THT-50-2/4T-6	2930/ 1450		10.00/3.20		4.50 /1.30	16750/8300	83/68	67	60
THT-50-4T-1	1415	3.50	2.03		0.75	9750	69	37	33
THT-50-6T-0,75	960	4.10	2.40		0.55	7900	57	40	36
THT-50-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	7900/3700	57/42	44	40
THT-56-2T-5,5	2920		9.50	5.50	4.00	18050	88	69	60
THT-56-2/4T-6	2930/ 1450		10.00/3.20		4.50 /1.30	20050	88 72	71	63
THT-56-2T-12	2950		19.20	11.00	9.00	29500	89	147	139
THT-56-2/4T-12	2920/ 1440		20.70/5.50		9.00 /2.50	29500/14750	89/74	137	129
THT-56-4T-1	1430	3.50	2.00		0.75	11850	73	45	40
THT-56-4T-1,5	1430	4.80	2.80		1.10	13050	74	44	40
THT-56-4/8T-1,5	1440/ 710		2.90/1.40		1.10 /0.25	13050/6450	74/59	48	43
THT-56-4T-2	1420	6.20	3.60		1.50	14550	75	48	43
THT-56-4/8T-2	1415/ 715		3.60/1.50		1.50 /0.30	14550/7350	75/60	59	55
THT-56-6T-0,75	960	4.10	2.40		0.55	10350	62	44	39
THT-56-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	10350/4850	62/47	48	43
THT-63-2T-12	2950		19.20	11.00	9.00	31000	90	161	143
THT-63-2/4T-12	2920/ 1440		18.50/5.50		9.00 /2.50	31000/15500	90/75	151	133
THT-63-2T-22	2960		32.30	18.60	16.00	40050	91	188	170
THT-63-2/4T-22	2960/ 1480		32.30/8.90		16.00 /4.00	40050/20000	91/76	188	170
THT-63-4T-1	1430	3.50	2.00		0.75	15200	73	49	43
THT-63-4T-1,5	1430	4.80	2.80		1.10	17800	74	51	45
THT-63-4/8T-1,5	1440/ 710		2.90/1.40		1.10 /0.25	17800/8800	74/59	55	49
THT-63-4T-2	1420	6.20	3.60		1.50	19350	75	55	49
THT-63-4/8T-2	1415/ 715		3.60/1.50		1.50 /0.30	19350/9750	75/60	70	60
THT-63-4T-3	1430	9.00	5.20		2.20	21550	76	64	54
THT-63-4/8T-3	1415/ 715		5.20/1.90		2.20 /0.45	21550/10900	76/61	77	66
THT-63-4T-4	1430	11.40	6.60		3.00	24350	77	73	63
THT-63-4/8T-4	1425/ 710		6.80/2.20		3.00 /0.60	24350/12150	77/62	86	77
THT-63-6T-0,75	960	4.10	2.40		0.55	13650	65	51	45
THT-63-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	13650/6400	65/50	55	49
THT-63-6T-1	950	4.70	2.70		0.75	15050	66	54	48
THT-63-6/12T-1	940/ 440		2.20/0.87		0.75 /0.15	15050/7050	66/51	61	55
THT-71-4T-1,5	1430	4.80	2.80		1.10	19550	78	58	52
THT-71-4/8T-1,5	1440/ 710		2.90/1.40		1.10 /0.25	19550/9650	78/63	61	56
THT-71-4T-2	1420	6.20	3.60		1.50	22200	79	61	56
THT-71-4/8T-2	1415/ 715		3.60/1.50		1.50 /0.30	22200/11200	79/64	76	67

Technical characteristics

Model	Speed	Maximum admissible current (A)			Power installed	Airflow maximum	Sound pressure level	Approx. weight (Kg)	
	(r/min)	230V		690V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-71-4T-3	1430	9.00	5.20		2.20	25850	81	70	61
THT-71-4/8T-3	1415/ 715		5.20/1.90		2.20 /0.45	25850/13050	81/66	82	74
THT-71-4T-4	1430	11.40	6.60		3.00	28550	82	79	70
THT-71-4/8T-4	1425/ 710		6.80/2.20		3.00 /0.60	28550/14250	82/67	92	83
THT-71-6T-0,75	960	4.10	2.40		0.55	16100	67	57	52
THT-71-6/12T-0,75	940/ 440		1.60/0.55		0.55 /0.09	16100/7550	67/52	61	56
THT-71-6T-1	950	4.70	2.70		0.75	17350	68	61	55
THT-71-6/12T-1	940/ 440		2.20/0.87		0.75 /0.15	17350/8100	68/53	67	62
THT-71-6T-1,5	940	5.50	3.20		1.10	20000	69	69	61
THT-71-6/12T-1,5	950/ 470		3.00/1.15		1.10 /0.18	20000/9900	69/54	77	69
THT-80-4T-3	1430	9.00	5.20		2.20	27900	82	79	69
THT-80-4/8T-3	1415/ 715		5.20/1.90		2.20 /0.45	27900/14100	82/67	91	82
THT-80-4T-4	1430	11.40	6.60		3.00	30400	83	88	78
THT-80-4/8T-4	1425/ 710		6.80/2.20		3.00 /0.60	30400/15150	83/68	101	92
THT-80-4T-5,5	1435		8.40	4.80	4.00	36900	84	94	85
THT-80-4/8T-5,5	1455/ 725		9.30/3.40		4.00 /0.80	36900/18400	84/69	127	118
THT-80-6T-1,5	940	5.50	3.20		1.10	23250	72	78	69
THT-80-6/12T-1,5	950/ 470		3.00/1.15		1.10 /0.18	23250/11500	72/57	86	77
THT-80-6T-2	945	7.40	4.30		1.50	26100	73	87	78
THT-80-6/12T-2	950/ 460		4.60/1.90		1.50 /0.25	26100/12650	73/58	91	82
THT-80-6T-3	935	9.50	5.50		2.20	30000	74	94	84
THT-80-6/12T-3	940/ 470		5.60/2.20		2.20 /0.37	30000/15000	74/59	100	91
THT-80-8T-0,75	700	3.60	2.10		0.55	19050	70	71	62
THT-80-8T-1	710	4.80	2.80		0.75	20750	71	78	69
THT-90-4T-4	1430	11.40	6.60		3.00	36150	87	110	93
THT-90-4/8T-4	1425/ 710		6.80/2.20		3.00 /0.60	36150/18000	87/72	124	106
THT-90-4T-5,5	1435		8.40	4.80	4.00	41700	89	117	99
THT-90-4/8T-5,5	1455/ 725		9.30/3.40		4.00 /0.80	41700/20750	89/74	150	132
THT-90-4T-7,5	1460		12.60	7.30	5.50	46350	91	143	126
THT-90-4/8T-7,5	1455/ 725		12.80/4.60		5.50 /1.10	46350/23100	91/76	157	140
THT-90-4T-10	1460		17.70	10.20	7.50	52000	92	154	137
THT-90-4/8T-9	1455/ 725		15.60/6.30		6.70 /1.50	52000/25900	92/77	157	140
THT-90-6T-2	945	7.40	4.30		1.50	30350	77	110	92
THT-90-6/12T-2	950/ 460		4.60/1.90		1.50 /0.25	30350/14700	77/62	114	96
THT-90-6T-3	935	9.50	5.50		2.20	34050	78	116	99
THT-90-6/12T-3	940/ 470		5.60/2.20		2.20 /0.37	34050/17050	78/63	123	105
THT-90-6T-4	970	13.50	7.80		3.00	37200	79	142	124
THT-90-6/12T-4	960/ 475		8.90/3.50		3.00 /0.55	37200/18400	79/64	143	126
THT-90-8T-1	710	4.80	2.80		0.75	24100	71	100	84
THT-90-8T-2	710	7.80	4.50		1.50	29600	73	116	99
THT-90-8T-3	710	11.40	6.60		2.20	30950	74	134	116
THT-100-4T-7,5	1460		12.60	7.30	5.50	54900	92	151	131
THT-100-4/8T-7,5	1455/ 725		12.80/4.60		5.50 /1.10	54900/27350	92/77	165	145
THT-100-4T-10	1460		17.70	10.20	7.50	57650	93	162	142
THT-100-4/8T-9	1455/ 725		15.60/6.30		6.70 /1.50	60400/30100	93/78	165	145
THT-100-4T-15	1460		22.00	12.70	11.00	66500	94	215	195
THT-100-4/8T-15	1470/ 725		23.20/8.70		11.00 /2.80	66500/32800	94/79	215	195
THT-100-4T-20	1460		29.00	16.70	15.00	73200	95	230	210
THT-100-4/8T-20	1470/ 725		31.70/11.80		15.00 /3.80	73200/36100	95/80	230	210
THT-100-6T-3	935	9.50	5.50		2.20	39600	82	124	105
THT-100-6/12T-3	940/ 470		5.60/2.20		2.20 /0.37	39600/19800	82/67	130	112
THT-100-6T-4	970	13.50	7.80		3.00	43550	83	150	130
THT-100-6/12T-4	960/ 475		8.90/3.50		3.00 /0.55	43550/21550	83/68	151	131
THT-100-6T-5.5	970		11.00	6.40	4.00	47950	84	162	142
THT-100-6/12T-5,5	970/ 480		11.30/4.20		4.00 /0.65	47950/23750	84/69	162	142

Technical characteristics

Model	Speed	Maximum admissible current (A)			Power installed	Airflow maximum	Sound pressure level	Approx. weight (Kg)	
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	Long	
THT-100-8T-2	710	7.80	4.50		1.50	34700	77	124	105
THT-100-8T-3	710	11.40	6.60		2.20	39400	77	142	122
THT-100-8T-4	710	15.60	9.00		3.00	40600	78	162	142
THT-125-4T/3-10	1460		17.70	10.20	7.50	58150	88	243	210
THT-125-4/8T/3-9	1455/ 725		15.60/6.30		6.70 / 1.50	58150/29000	88/68	243	210
THT-125-4T/3-15	1460		22.00	12.70	11.00	77450	89	294	266
THT-125-4/8T/3-15	1470/ 725		23.20/8.70		11.00 / 2.80	77450/38200	89/69	294	266
THT-125-4T/3-20	1460		29.00	16.70	15.00	91400	91	309	281
THT-125-4/8T/3-20	1470/ 725		31.70/11.80		15.00 / 3.80	91400/45050	91/71	309	281
THT-125-4T/3-25	1465		37.00	21.40	18.50	98350	91	377	334
THT-125-4T/3-30	1470		42.00	24.20	22.00	110500	92	391	348
THT-125-4/8T/3-27	1470/ 735		38.00/13.00		20.00 / 4.00	110500/55250	92/71	391	348
THT-125-4/8T/3-37	1475/ 735		51.00/20.60		27.00 / 6.00	116600/58100	93/72	472	429
THT-125-4T/3-40	1475		58.00	33.50	30.00	120850	93	472	429
THT-125-4/8T/3-40	1480/ 735		62.00/27.00		30.00 / 10.00	120850/60000	93/72	618	562
THT-125-4T/6-20	1460		29.00	16.70	15.00	78300	89	318	290
THT-125-4/8T/6-20	1470/ 725		31.70/11.80		15.00 / 3.80	78300/38600	89/68	318	290
THT-125-4/8T/6-22	1470/ 735		31.80/12.00		16.50 / 3.30	85150/42600	89/69	303	275
THT-125-4T/6-25	1465		37.00	21.40	18.50	92000	90	386	343
THT-125-4/8T/6-27	1470/ 735		38.00/13.00		20.00 / 4.00	92000/46000	90/69	400	357
THT-125-4T/6-30	1470		42.00	24.20	22.00	98100	90	400	357
THT-125-4/8T/6-37	1475/ 735		51.00/20.60		27.00 / 6.00	98100/48900	90/70	481	437
THT-125-4T/6-40	1475		58.00	33.50	30.00	117000	92	481	437
THT-125-4/8T/6-40	1480/ 735		62.00/27.00		30.00 / 10.00	117000/58100	92/71	627	571
THT-125-4T/6-50	1480		73.00	42.10	37.00	123700	93	529	473
THT-125-4T/9-25	1465		37.00	21.40	18.50	79750	88	395	352
THT-125-4/8T/9-22	1470/ 735		31.80/12.00		16.50 / 3.30	79750/39900	88/69	312	284
THT-125-4T/9-30	1470		42.00	24.20	22.00	97000	89	409	366
THT-125-4/8T/9-27	1470/ 735		38.00/13.00		20.00 / 4.00	97000/48500	89/70	409	366
THT-125-4/8T/9-37	1475/ 735		51.00/20.60		27.00 / 6.00	104100/51900	90/70	490	446
THT-125-4T/9-40	1475		58.00	33.50	30.00	111200	91	490	446
THT-125-4/8T/9-40	1480/ 735		62.00/27.00		30.00 / 10.00	111200/55250	91/71	636	580
THT-125-4T/9-50	1480		73.00	42.10	37.00	118350	93	538	482
THT-125-6T/3-4	970	13.50	7.80		3.00	46550	79	230	197
THT-125-6/12T/3-4	960/ 475		8.90/3.50		3.00 / 0.55	46550/23000	79/64	232	199
THT-125-6T/3-5.5	970		11.00	6.40	4.00	55300	80	242	209
THT-125-6/12T/3-5,5	970/ 480		11.30/4.20		4.00 / 0.65	55300/27350	80/65	243	210
THT-125-6T/3-7.5	970		12.40	7.20	5.50	64450	81	249	216
THT-125-6/12T/3-7,5	970/ 480		13.20/5.30		5.50 / 1.00	64450/31900	81/66	263	230
THT-125-6T/3-10	970		17.00	9.80	7.50	76400	83	274	246
THT-125-6/12T/3-10	960/ 470		20.00/9.00		7.50 / 1.40	76400/37400	83/68	294	266
THT-125-6T/3-15	955		26.00	15.00	11.00	87050	84	304	276
THT-125-6/12T/3-15	960/ 470		28.50/13.00		11.00 / 2.00	87050/42600	84/69	309	281
THT-125-6T/3-20	975		31.00	17.90	15.00	91700	85	377	334
THT-125-6/12T/3-24	970/ 480		36.00/14.50		17.50 / 3.50	91700/45400	85/70	472	429
THT-125-6T/6-5.5	970		11.00	6.40	4.00	51300	77	251	218
THT-125-6/12T/6-5,5	970/ 480		11.30/4.20		4.00 / 0.65	51300/25400	77/62	252	219
THT-125-6T/6-7.5	970		12.40	7.20	5.50	60300	77	258	225
THT-125-6/12T/6-7,5	970/ 480		13.20/5.30		5.50 / 1.00	60300/29850	77/62	272	239
THT-125-6T/6-10	970		17.00	9.80	7.50	72250	79	283	255
THT-125-6/12T/6-10	960/ 470		20.00/9.00		7.50 / 1.40	72250/35350	79/64	303	275
THT-125-6T/6-15	955		26.00	15.00	11.00	85450	81	313	285
THT-125-6/12T/6-15	960/ 470		28.50/13.00		11.00 / 2.00	85450/41850	81/66	318	290
THT-125-6T/6-20	975		31.00	17.90	15.00	92850	82	386	343
THT-125-6/12T/6-24	970/ 480		36.00/14.50		17.50 / 3.50	92850/45950	82/67	481	437

Technical characteristics

Model	Speed	Maximum admissible current (A)			Power installed	Airflow maximum	Sound pressure level	Approx. weight (Kg)	
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-125-6T/9-10	970		17.00	9.80	7.50	68200	78	292	264
THT-125-6/12T/9-10	960/ 470		20.00/9.00		7.50 /1.40	68200/33400	78/63	312	284
THT-125-6T/9-15	955		26.00	15.00	11.00	77550	81	322	294
THT-125-6/12T/9-15	960/ 470		28.50/13.00		11.00 /2.00	77550/37950	81/66	327	299
THT-125-6T/9-20	975		31.00	17.90	15.00	92900	84	395	352
THT-125-6/12T/9-24	970/ 480		36.00/14.50		17.50 /3.50	98650/48800	84/69	490	446
THT-140-6T/3-5,5	940		8.72	5.00	4.00	56700	83	279	242
THT-140-6T/3-7,5	960		12.2	7.00	5.50	67900	84	287	250
THT-140-6T/3-10	970		15.6	9.00	7.50	80100	85	339	300
THT-140-6T/3-15	970		23.3	13.50	11.00	96900	86	356	317
THT-140-6T/3-20	970		27.4	15.80	15.00	106000	88	436	386
THT-140-6T/6-7,5	960		12.2	7.00	5.50	66000	84	297	260
THT-140-6T/6-10	970		15.6	9.00	7.50	80700	85	349	310
THT-140-6T/6-15	970		23.3	13.50	11.00	96700	86	366	327
THT-140-6T/6-20	970		27.4	15.80	15.00	104000	87	445	396
THT-140-6T/6-25	975		34.4	19.90	18.50	115000	88	497	448
THT-140-6T/6-30	975		41.4	23.90	22.00	119000	89	506	457
THT-140-6T/9-10	970		15.6	9.00	7.50	70000	84	358	319
THT-140-6T/9-15	970		23.3	13.50	11.00	86000	86	375	336
THT-140-6T/9-20	970		27.4	15.80	15.00	97500	87	455	405
THT-140-6T/9-25	975		34.4	19.90	18.50	111000	88	506	458
THT-140-6T/9-30	975		41.4	23.90	22.00	118500	89	515	467
THT-140-6T/9-40	985		54.2	31.30	30.00	132000	91	673	611
THT-140-6T/9-50	980		66.4	38.30	37.00	139000	92	751	696
THT-140-8T/3-3	715	9.17	5.27		2.20	50000	78	279	242
THT-140-8T/3-4	710	12.50	7.2		3.00	57000	78	287	250
THT-140-8T/3-5,5	730		10.	6.00	4.00	65400	79	337	298
THT-140-8T/3-7,5	730		13.8	8.00	5.50	77500	81	346	307
THT-140-8T/3-10	725		17.8	10.30	7.50	86000	82	357	318
THT-140-8T/6-3	715	9.17	5.27		2.20	47500	78	289	252
THT-140-8T/6-4	710	12.50	7.2		3.00	57600	79	297	260
THT-140-8T/6-5,5	730		10.4	6.00	4.00	65200	80	347	308
THT-140-8T/6-7,5	730		13.8	8.00	5.50	73300	81	356	317
THT-140-8T/6-10	725		17.8	10.30	7.50	82200	82	367	328
THT-140-8T/6-15	725		21.7	12.50	11.00	94200	83	453	404
THT-140-8T/9-4	710	12.50	7.2		3.00	47200	79	306	269
THT-140-8T/9-5,5	730		10.4	6.00	4.00	64400	79	356	317
THT-140-8T/9-7,5	730		13.8	8.00	5.50	69200	81	365	326
THT-140-8T/9-10	725		17.8	10.30	7.50	78700	82	376	337
THT-140-8T/9-15	725		21.7	12.50	11.00	94300	83	463	413
THT-140-8T/9-20	725		32.9	19.00	15.00	103000	86	516	468
THT-160-6T/3-10	970		15.6	9.00	7.50	84000	83	412	358
THT-160-6T/3-15	970		23.3	13.50	11.00	102000	85	429	375
THT-160-6T/3-20	970		27.4	15.80	15.00	127000	86	522	453
THT-160-6T/3-25	975		34.4	19.90	18.50	136700	87	574	504
THT-160-6T/3-30	975		41.4	23.90	22.00	145000	89	583	513
THT-160-6T/6-15	970		23.3	13.50	11.00	93500	85	440	386
THT-160-6T/6-20	970		27.4	15.80	15.00	120500	86	532	463
THT-160-6T/6-25	975		34.4	19.90	18.50	130000	87	584	515
THT-160-6T/6-30	975		41.4	23.90	22.00	140000	88	593	524
THT-160-6T/6-40	985		54.2	31.30	30.00	158000	89	768	669
THT-160-6T/6-50	980		66.4	38.30	37.00	171000	91	842	757
THT-160-6T/9-15	970		23.3	13.50	11.00	87000	85	450	396
THT-160-6T/9-20	970		27.4	15.80	15.00	104000	86	542	473
THT-160-6T/9-25	975		34.4	19.90	18.50	127000	87	594	525

Technical characteristics

Model	Speed	Maximum admissible current (A)			Power installed	Airflow maximum	Sound pressure level	Approx. weight (Kg)	
	(r/min)	230V	400V	690V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-160-6T/9-30	975		41.4	23.90	22.00	135000	88	603	534
THT-160-6T/9-40	985		54.2	31.30	30.00	147000	89	778	679
THT-160-6T/9-50	980		66.4	38.30	37.00	165000	90	852	768
THT-160-6T/9-60	985		84.5	48.80	45.00	177000	91	1067	968
THT-160-6T/9-75	985		100	57.70	55.00	193000	92	1112	1013
THT-160-8T/3-4	710	12.50	7.2		3.00	57500	77	356	304
THT-160-8T/3-5,5	730		10.4	6.00	4.00	74000	79	410	356
THT-160-8T/3-7,5	730		13.8	8.00	5.50	83500	80	419	365
THT-160-8T/3-10	725		17.8	10.30	7.50	97500	81	430	376
THT-160-8T/3-15	725		21.7	12.50	11.00	115000	83	530	461
THT-160-8T/6-5,5	730		10.4	6.00	4.00	62000	77	421	367
THT-160-8T/6-7,5	730		13.8	8.00	5.50	77000	79	430	376
THT-160-8T/6-10	725		17.8	10.30	7.50	95000	80	441	387
THT-160-8T/6-15	725		21.7	12.50	11.00	109000	82	540	471
THT-160-8T/6-20	725		32.9	19.00	15.00	123000	83	594	525
THT-160-8T/6-25	730		34.9	20.10	18.50	130000	84	741	642
THT-160-8T/9-7,5	730		13.8	8.00	5.50	70000	79	440	386
THT-160-8T/9-10	725		17.8	10.30	7.50	87000	80	451	397
THT-160-8T/9-15	725		21.7	12.50	11.00	103000	82	550	481
THT-160-8T/9-20	725		32.9	19.00	15.00	117000	83	604	535
THT-160-8T/9-25	730		34.9	20.10	18.50	133000	84	751	652
THT-160-8T/9-30	730		41.1	23.70	22.00	140000	85	776	677
THT-160-8T/9-40	730		56.3	32.50	30.00	151000	86	837	753

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

Model	63	125	250	500	1000	2000	4000	8000
40-2-1,5	48	69	76	81	84	80	73	62
40-2-2	49	70	77	82	85	81	74	63
40-4-0,75	36	57	64	69	72	68	61	50
40-4-1,5	33	54	61	66	69	65	58	47
40-4-2	34	55	62	67	70	66	59	48
40-6	25	46	53	58	61	57	50	39
40-12	10	31	38	43	46	42	35	24
45-2-2	50	71	78	83	86	82	75	64
45-2-3	52	73	80	85	88	84	77	66
45-4-0,75	40	61	68	73	76	72	65	54
45-4-2	35	56	63	68	71	67	60	49
45-4-3	37	58	65	70	73	69	62	51
45-6	27	48	55	60	63	59	52	41
45-12	12	33	40	45	48	44	37	26
50-2-4	57	77	85	90	92	89	82	71
50-2-5,5	58	78	86	91	93	90	83	72
50-2-6	58	78	86	91	93	90	83	72
50-4-1	44	64	72	77	79	76	69	58
50-4-4	42	62	70	75	77	74	67	56
50-4-6	43	63	71	76	78	75	68	57
50-6	32	52	60	65	67	64	57	46
50-12	17	37	45	50	52	49	42	31
50-2-5,5	63	83	91	96	98	95	88	77
56-2-6	63	83	91	96	98	95	88	77
56-2-12	64	84	92	97	99	96	89	78
56-4-1	48	68	76	81	83	80	73	62
56-4-1,5	49	69	77	82	84	81	74	63
56-4-2	50	70	78	83	85	82	75	64
56-4-6	48	68	76	81	83	80	73	62
56-4-12	49	69	77	82	84	81	74	63
56-6	37	57	65	70	72	69	62	51
56-8-1,5	34	54	62	67	69	66	59	48
56-8-2	35	55	63	68	70	67	60	49
56-12	22	42	50	55	57	54	47	36
63-2-12	67	87	95	100	102	99	92	81
63-2-16	68	88	96	101	103	100	93	82
63-4-1	50	70	78	83	85	82	75	64
63-4-1,5	51	71	79	84	86	83	76	65
63-4-2	52	72	80	85	87	84	77	66
63-4-3	53	73	81	86	88	85	78	67
63-4-4	54	74	82	87	89	86	79	68
63-4-12	52	72	80	85	87	84	77	66
63-4-16	53	73	81	86	88	85	78	67

Model	63	125	250	500	1000	2000	4000	8000
63-6-0,75	42	62	70	75	77	74	67	56
63-6-1	43	63	71	76	78	75	68	57
63-8-1,5	36	56	64	69	71	68	61	50
63-8-2	37	57	65	70	72	69	62	51
63-8-3	38	58	66	71	73	70	63	52
63-8-4	39	59	67	72	74	71	64	53
63-12-0,75	27	47	55	60	62	59	52	41
63-12-1	28	48	56	61	63	60	53	42
71-4-1,5	55	75	83	88	90	87	80	69
71-4-2	56	76	84	89	91	88	81	70
71-4-3	58	78	86	91	93	90	83	72
71-4-4	59	79	87	92	94	91	84	73
71-6-0,75	44	64	72	77	79	76	69	58
71-6-1	45	65	73	78	80	77	70	59
71-6-1,5	46	66	74	79	81	78	71	60
71-8-1,5	40	60	68	73	75	72	65	54
71-8-2	41	61	69	74	76	73	66	55
71-8-3	43	63	71	76	78	75	68	57
71-8-4	44	64	72	77	79	76	69	58
71-12-0,75	29	49	57	62	64	61	54	43
71-12-1	30	50	58	63	65	62	55	44
71-12-1,5	31	51	59	64	66	63	56	45
80-4-3	59	79	87	92	94	91	84	73
80-4-4	60	80	88	93	95	92	85	74
80-4-5,5	61	81	89	94	96	93	86	75
80-6-1,5	49	69	77	82	84	81	74	63
80-6-2	50	70	78	83	85	82	75	64
80-6-3	51	71	79	84	86	83	76	65
80-8-0,75	47	67	75	80	82	79	72	61
80-8-1	48	68	76	81	83	80	73	62
80-8-3	44	64	72	77	79	76	69	58
80-8-4	45	65	73	78	80	77	70	59
80-8-5,5	46	66	74	79	81	78	71	60
80-12-1,5	34	54	62	67	69	66	59	48
80-12-2	35	55	63	68	70	67	60	49
80-12-3	36	56	64	69	71	68	61	50
90-4-4	65	86	93	98	101	97	90	79
90-4-5,5	67	88	95	100	103	99	92	81
90-4-7,5	69	90	97	102	105	101	94	83
90-4-9	70	91	98	103	106	102	95	84
90-4-10	70	91	98	103	106	102	95	84
90-6-2	55	76	83	88	91	87	80	69
90-6-3	56	77	84	89	92	88	81	70

Acoustic features

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

90-6-4	57	78	85	90	93	89	82	71
90-8-1	49	70	77	82	85	81	74	63
90-8-2	51	72	79	84	87	83	76	65
90-8-3	52	73	80	85	88	84	77	66
90-8-4	50	71	78	83	86	82	75	64
90-8-5,5	52	73	80	85	88	84	77	66
90-8-7,5	54	75	82	87	90	86	79	68
90-8-9	55	76	83	88	91	87	80	69
90-12-2	40	61	68	73	76	72	65	54
90-12-3	41	62	69	74	77	73	66	55
90-12-4	42	63	70	75	78	74	67	56
100-4-7,5	72	92	100	105	107	104	97	86
100-4-9	73	93	101	106	108	105	98	87
100-4-10	73	93	101	106	108	105	98	87
100-4-15	74	94	102	107	109	106	99	88
100-4-20	75	95	103	108	110	107	100	89
100-6-3	62	82	90	95	97	94	87	76
100-6-4	63	83	91	96	98	95	88	77
100-6-5,5	64	84	92	97	99	96	89	78
100-8-2	57	77	85	90	92	89	82	71
100-8-3	57	77	85	90	92	89	82	71
100-8-4	58	78	86	91	93	90	83	72
100-8-7,5	57	77	85	90	92	89	82	71
100-8-9	58	78	86	91	93	90	83	72
100-8-15	59	79	87	92	94	91	84	73
100-8-20	60	80	88	93	95	92	85	74
100-12-3	47	67	75	80	82	79	72	61
100-12-4	48	68	76	81	83	80	73	62
100-12-5,5	49	69	77	82	84	81	74	63
125-4/3-9	70	76	88	98	98	94	86	82
125-4/3-10	70	76	88	98	98	94	86	82
125-4/3-15	71	77	89	99	99	95	87	83
125-4/3-20	73	79	91	101	101	97	89	85
125-4/3-25	73	79	91	101	101	97	89	85
125-4/3-27	74	80	92	102	102	98	90	86
125-4/3-30	74	80	92	102	102	98	90	86
125-4/3-37	75	81	93	103	103	99	91	87
125-4/3-40	75	81	93	103	103	99	91	87
125-6/3-5,5	66	74	86	90	88	83	74	70
125-6/3-7,5	67	75	87	91	89	84	75	71
125-6/3-10	69	77	89	93	91	86	77	73
125-6/3-15	70	78	90	94	92	87	78	74
125-6/3-20	71	79	91	95	93	88	79	75
125-6/3-24	71	79	91	95	93	88	79	75
125-8/3-9	50	56	68	78	78	74	66	62
125-8/3-15	51	57	69	79	79	75	67	63
125-8/3-20	53	59	71	81	81	77	69	65
125-8/3-27	53	59	71	81	81	77	69	65
125-8/3-37	54	60	72	82	82	78	70	66
125-8/3-40	54	60	72	82	82	78	70	66
125-6/3-4	65	73	85	89	87	82	73	69
125-12/3-4	50	58	70	74	72	67	58	54
125-12/3-5,5	51	59	71	75	73	68	59	55
125-12/3-7,5	52	60	72	76	74	69	60	56
125-12/3-10	54	62	74	78	76	71	62	58
125-12/3-15	55	63	75	79	77	72	63	59
125-12/3-24	56	64	76	80	78	73	64	60
125-4/6-20	67	75	91	98	100	95	89	85
125-4/6-22	67	75	91	98	100	95	89	85
125-4/6-25	68	76	92	99	101	96	90	86
125-4/6-27	68	76	92	99	101	96	90	86
125-4/6-30	68	76	92	99	101	96	90	86
125-4/6-37	68	76	92	99	101	96	90	86
125-4/6-40	70	78	94	101	103	98	92	88
125-4/6-50	71	79	95	102	104	99	93	89
125-6/6-5,5	60	69	82	85	86	83	72	68
125-6/6-7,5	60	69	82	85	86	83	72	68
125-6/6-10	62	71	84	87	88	85	74	70
125-6/6-15	64	73	86	89	90	87	76	72
125-6/6-20	65	74	87	90	91	88	77	73
125-6/6-24	65	74	87	90	91	88	77	73
125-8/6-20	46	54	70	77	79	74	68	64
125-8/6-22	47	55	71	78	80	75	69	65
125-8/6-27	47	55	71	78	80	75	69	65
125-8/6-37	48	56	72	79	81	76	70	66
125-8/6-40	49	57	73	80	82	77	71	67
125-12/6-5,5	45	54	67	70	71	68	57	53
125-12/6-7,5	45	54	67	70	71	68	57	53
125-12/6-10	47	56	69	72	73	70	59	55
125-12/6-15	49	58	71	74	75	72	61	57
125-12/6-24	50	59	72	75	76	73	62	58
125-4/9-22	66	74	91	97	98	93	88	84
125-4/9-25	66	74	91	97	98	93	88	84
125-4/9-27	67	75	92	98	99	94	89	85
125-4/9-30	67	75	92	98	99	94	89	85
125-4/9-37	68	76	93	99	100	95	90	86
125-4/9-40	69	77	94	100	101	96	91	87
125-4/9-50	71	79	96	102	103	98	93	89
125-6/9-10	58	68	83	87	86	85	74	70
125-6/9-15	61	71	86	90	89	88	77	73
125-6/9-20	64	74	89	93	92	91	80	76
125-6/9-24	64	74	89	93	92	91	80	76
125-8/9-22	47	55	72	78	79	74	69	65
125-8/9-27	48	56	73	79	80	75	70	66
125-8/9-37	48	56	73	79	80	75	70	66
125-8/9-40	49	57	74	80	81	76	71	67
125-12/9-10	43	53	68	72	71	70	59	55
125-12/9-15	46	56	71	75	74	73	62	58
125-12/9-24	49	59	74	78	77	76	65	61
140-6/3-5,5	69	79	87	92	91	90	77	77
140-6/3-7,5	70	80	88	93	92	91	78	78
140-6/3-10	71	81	89	94	93	92	79	79
140-6/3-15	72	82	90	95	94	93	80	80
140-6/3-20	74	84	92	97	96	95	82	82
140-6/6-7,5	68	83	92	94	91	85	77	73
140-6/6-10	69	84	93	95	92	86	78	74
140-6/6-15	70	85	94	96	93	87	79	75
140-6/6-20	71	86	95	97	94	88	80	76
140-6/6-25	72	87	96	98	95	89	81	77
140-6/6-30	73	88	97	99	96	90	82	78
140-6/9-10	66	84	93	92	91	87	78	73
140-6/9-15	68	86	95	94	93	89	80	75
140-6/9-20	69	87	96	95	94	90	81	76
140-6/9-25	70	88	97	96	95	91	82	77
140-6/9-30	71	89	98	97	96	92	83	78
140-6/9-40	73	91	100	99	98	94	85	80
140-6/9-50	74	92	101	100	99	95	86	81
140-8/3-3	64	74	82	87	86	85	72	67
140-8/3-4	64	74	82	87	86	85	72	67
140-8/3-5,5	65	75	83	88	87	86	73	68
140-8/3-7,5	67	77	85	90	89	88	75	70
140-8/3-10	68	78	86	91	90	89	76	71
140-8/6-3	63	75	84	88	86	80	70	67
140-8/6-4	64	76	85	89	87	81	71	68
140-8/6-5,5	65	77	86	90	88	82	72	69
140-8/6-7,5	66	78	87	91	89	83	73	70
140-8/6-10	67	79	88	92	90	84	74	71
140-8/6-15	68	80	89	93	91	85	75	72
140-8/9-4	62	73	84	89	87	83	73	68
140-8/9-5,5	62	73	84	89	87	83	73	68
140-8/9-7,5	64	75	86	91	89	85	75	70
140-8/9-10	65	76	87	92	90	86	76	71
140-8/9-15	66	77	88	93	91	87	77	72
140-8/9-20	69	80	91	96	94	90	80	75
160-6/3-10	69	79	87	92	91	90	77	72
160-6/3-15	71	81	89	94	93	92	79	74
160-6/3-20	72	82	90	95	94	93	80	75
160-6/3-25	73	83	91	96	95	94	81	76
160-6/3-30	75	85	93	98	97	96	83	78
160-6/6-15	69	84	93	95	92	86	78	74
160-6/6-20	70	85	94	96	93	87	79	75
160-6/6-25	71	86	95	97	94	88	80	76
160-6/6-30	72	87	96	98	95	89	81	77
160-6/6-40	73	88	97	99	96	90	82	78
160-6/6-50	75	90	99	101	98	92	84	80
160-6/9-15	67	85	94	93	92	88	79	74
160-6/9-20	68	86	95	94	93	89	80	75
160-6/9-25	69	87	96	95	94	90	81	76
160-6/9-30	70	88	97	96	95	91	82	77
160-6/9-40	71	89	98	97	96	92	83	78
160-6/9-50	72	90	99	98	97	93	84	79
160-6/9-60	73	91	100	99	98	94	85	80
160-6/9-75	74	92	101	100	99	95	86	81
160-8/3-4	63	73	81	86	85	84	71	66
160-8/3-5,5	65	75	83	88	87	86	73	68
160-8/3-7,5	66	76	84	89	88	87	74	69
160-8/3-10	67	77	85	90	89	88	75	70
160-8/3-15	69	79	87	92	91	90	77	72
160-8/6-5,5	61	76	85	87	84	78	70	66
160-8/6-7,5	63	78	87	89	86	80	72	68
160-8/6-10	64	79	88	90	87	81	73	69
160-8/6-15	66	81	90	92	89	83	75	71
160-8/6-20	67	82	91	93	90	84	76	72
160-8/6-25	68	83	92	94	91	85	77	73
160-8/9-7,5	61	79	88	87	86	82	73	68
160-8/9-10	62	80	89	88	87	83	74	69
160-8/9-15	64	82	91	90	89	85	76	71
160-8/9-20	65	83	92	91	90	86	77	72
160-8/9-25	66	84	93	92	91	87	78	73
160-8/9-30	67	85	94	93	92	88	79	74
160-8/9-40	68	86	95	94	93	89	80	75

Accessories

See accessories section, page 170.


INT


IAT


CABLE BOX


C2V


AET


AR


CENTRAL CO

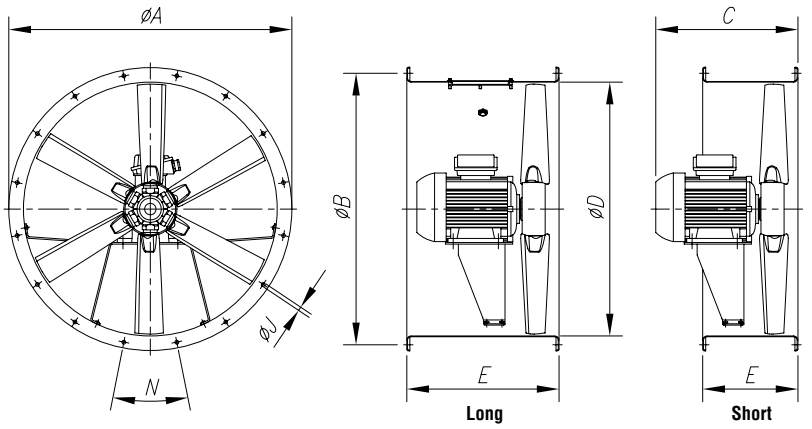

RFT


P-400


R


RI

Dimensions in mm



			C (consult motor size according to power)															ØD	E		ØJ	N
Model	ØA	ØB	80	90S	90L	100	112	132S	132M	160M	160L	180M	180L	200L	225	250	280		Long	Short		
THT-40	490	450	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	410	400	250	12	8x45°
THT-45	540	500	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	460	400	250	12	8x45°
THT-50	600	560	339	364	389	-	-	-	-	-	-	-	-	-	-	-	-	514	400	250	12	12x30°
THT-50	600	560	-	-	-	419	438	-	-	-	-	-	-	-	-	-	-	514	500	250	12	12x30°
THT-56	660	620	275	364	389	-	-	-	-	-	-	-	-	-	-	-	-	560	400	250	12	12x30°
THT-56	660	620	-	-	-	416	432	480	518	-	-	-	-	-	-	-	-	560	500	250	12	12x30°
THT-56	660	620	-	-	-	-	-	-	-	620	-	-	-	-	-	-	-	560	650	250	12	12x30°
THT-63	730	690	339	359	389	-	-	-	-	-	-	-	-	-	-	-	-	640	400	250	12	12x30°
THT-63	730	690	-	-	-	420	437	-	-	-	-	-	-	-	-	-	-	640	500	250	12	12x30°
THT-63	730	690	-	-	-	-	-	539	577	630	674	-	-	-	-	-	-	640	650	250	12	12x30°
THT-71	810	770	366	379	404	-	-	-	-	-	-	-	-	-	-	-	-	710	430	300	12	16x22°30°
THT-71	810	770	-	-	-	438	433	-	-	-	-	-	-	-	-	-	-	710	500	300	12	16x22°30°
THT-80	900	860	-	-	422	456	472	-	-	-	-	-	-	-	-	-	-	800	500	300	12	16x22°30°
THT-80	900	860	-	-	-	-	-	515	-	-	-	-	-	-	-	-	-	800	600	300	12	16x22°30°
THT-90	1015	970	-	-	-	466	482	525	565	-	-	-	-	-	-	-	-	900	600	350	15	16x22°30°
THT-100	1115	1070	-	-	-	-	482	525	565	-	-	-	-	-	-	-	-	1000	600	350	15	16x22°30°
THT-100	1115	1070	-	-	-	-	-	-	-	695	695	-	-	-	-	-	-	1000	700	450	15	16x22°30°
THT-125	1365	1320	-	-	-	-	-	561	601	-	-	-	-	-	-	-	-	1250	700	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	695	695	-	-	-	-	-	-	1250	700	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	740	740	860	-	-	-	1250	900	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	907	-	-	1250	1000	500	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	987	-	1250	1000	600	15	20x18°
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1077	1250	1200	600	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	570	-	-	-	-	-	-	-	-	1400	650	400	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	1400	700	450	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1400	900	550	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1400	900	550	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1400	1000	550	15	20x18°
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1400	1000	600	15	20x18°
THT-160	1735	1680	-	-	-	-	-	-	570	-	-	-	-	-	-	-	-	1600	650	400	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	1600	700	450	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1600	900	550	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1600	1000	550	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1600	1000	550	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1600	1000	600	19	24x15°
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1190	1600	1000	700	19	24x15°

Motor build sizes depending on power (one-speed)

	CV																		
	0,75	1	1,5	2	3	4	5,5	7,5	10	15	20	25	30	40	50	60	75	100
2T (3000 r/min)	80	80	80	90S	90L	100LB	112M	132S	132S	160M	160M	180M	180L	200L	225S/M	225S/M	250S/M	280S/M
4T (1500 r/min)	90S	90S	90S	90L	100LA	100LB	112M	132S	132M	160M	160L	180M	180L	200L	225S/M	225S/M	250S/M	280S/M
6T (1000 r/min)	90S	90S	90L	100L	112M	132S	132MA	132MB	160M	160L	180L	200MLA	200MLB	225SMB	250S/M	280S/M	280S/M	-
8T (750 r/min)	90L	100LA	100L	112M	132S	132M	160MA	160M	160L	180L	200MLA	225SMA	225SMB	250SMA	280S/M	280S/M	-	-

Motor build sizes depending on power (two-speed)

	CV																					
	0,75	1	1,5	2	3	4	5,5	6	7,5	8	9	10	12	15	18	20	22	24	27	37	38	40
2/4(3000/1500 r/min)	-	-	90S	90S	90L	100L	-	112M	-	-	132M	-	160MA	-	160M	-	160L	-	-	-	-	-
4/8(1500/750 r/min)	-	-	90S	100L	100LA	100LC	132S	-	132S	132S	-	132M	-	160M	-	160L	180M	180M	180L	200MLA	200L	225S/M
6/12(1000/500 r/min)	90L	100L	100LB	112M	112M	132MC	160M	160M	160LB	160LB	-	160LB	-	200MLC	160L	200M	-	250SMB	22S/M	-	225S/M	-

Characteristic curves

See characteristic curves on page 33.

CJTHT/PLUS

400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with built-in noise reducer

Extraction units with soundproofed box to work inside fire danger zones at 400ºC/2h and noise reducer, with built-in central core.

Fan:
- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Turnable cast aluminium impellers.
- Noise reducer with sound-absorbing material, especially tested to reduce noise considerably. Units suitable for working in both horizontal and vertical positions. Approval according to Standard EN-12101-3-2002, certificate no.: 0370-CPD-0312
- Airflow direction from motor to impeller

Highly-efficient built-in noise reducer.

Motor:
- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- Three-phase 230/400V.-50Hz. (up to 4CV.) and 400/690V.-50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20ºC+ 40ºC for ongoing use, S2 Service 200ºC/2h, 300ºC/2h, 400ºC/2h

Finish:
- Anticorrosive galvanized sheet steel.

On request:
- 100% reversible impellers.

Order code

CJTHT/PLUS — 56 — 4T — 2 — F-400

- ***CJTHT/PLUS***: CJTHT/PLUS: 400ºC/2h, 300ºC/1h y 200ºC/2h axial extraction units with built-in noise reducer
- ***56***: Impeller diameter in cm.
- ***4T***: 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
- ***2***: Power motor (c.v.)
- ***F-400***: F-200 Officially approved 200ºC/2h
  F-300 Officially approved 300ºC/1h
  F-400 Officially approved 400ºC/2h

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-40-2/4T-1,5/PLUS	2920/ 1460		2.90 / 2.10		1.1 / 0.25	7050/3500	71/56	53
CJTHT-40-2/4T-2/PLUS	2940/ 1460		4.40 / 1.40		1.5 / 0.37	8000/3950	72/57	54
CJTHT-40-4T-0,75/PLUS	1420	2.90	1.70		0.55	4800	59	47
CJTHT-40-6T-0,75/PLUS	930	3.30	1.90		0.55	3150	49	52
CJTHT-40-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 / 0.09	3150/1500	49/34	56
CJTHT-45-2/4T-2/PLUS	2940/ 1460		5.70 / 1.80		1.50 / 0.37	10050/5000	73/58	56
CJTHT-45-2/4T-3/PLUS	2930/ 1450		4.40 / 1.40		2.20 / 0.60	11350/5600	75/60	58
CJTHT-45-4T-0,75/PLUS	1420	2.90	1.70		0.55	7450	63	49
CJTHT-45-6T-0,75/PLUS	930	3.30	1.90		0.55	5050	51	53
CJTHT-45-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 / 0.09	5050/2350	51/36	58
CJTHT-50-2/4T-4/PLUS	2920/ 1440		6.70 / 2.00		3.00 / 0.80	13850/6850	77/60	65

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-50-2/4T-6/PLUS	2930/ 1450		10.00 / 3.20		4.50 /1.30	16750/8300	78/63	81
CJTHT-50-4T-1/PLUS	1420	3.70	2.10		0.75	9750	64	51
CJTHT-50-6T-0,75/PLUS	930	3.30	1.90		0.55	7900	53	55
CJTHT-50-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 /0.09	7900/3700	53/38	59
CJTHT-56-2/4T-6/PLUS	2930/ 1450		10.00 / 3.20		4.50 /1.30	20050	83 67	90
CJTHT-56-2/4T-12/PLUS	2920/ 1440		20.70 / 5.50		9.00 /2.50	29500/14750	84/69	153
CJTHT-56-4T-1/PLUS	1420	3.70	2.10		0.75	11850	68	62
CJTHT-56-4T-1,5/PLUS	1420	4.70	2.70		1.10	13050	69	64
CJTHT-56-4/8T-1,5/PLUS	1440/ 710		2.90 / 1.40		1.10 /0.25	13050/6450	69/52	68
CJTHT-56-4T-2/PLUS	1425	6.60	3.80		1.50	14550	70	68
CJTHT-56-4/8T-2/PLUS	1415/ 715		3.60 / 1.50		1.50 /0.30	14550/7350	70/53	80
CJTHT-56-6T-0,75/PLUS	930	3.30	1.90		0.55	10350	58	64
CJTHT-56-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 /0.09	10350/4850	58/41	68
CJTHT-63-4T-1/PLUS	1420	3.70	2.10		0.75	15200	68	66
CJTHT-63-4T-1,5/PLUS	1420	4.70	2.70		1.10	17800	69	69
CJTHT-63-4/8T-1,5/PLUS	1440/ 710		2.90 / 1.40		1.10 /0.25	17800/8800	69/52	72
CJTHT-63-4T-2/PLUS	1425	6.60	3.80		1.50	19350	70	72
CJTHT-63-4/8T-2/PLUS	1415/ 715		3.60 / 1.50		1.50 /0.30	19350/9750	70/53	84
CJTHT-63-4T-3/PLUS	1435	9.20	5.30		2.20	21550	72	78
CJTHT-63-4/8T-3/PLUS	1415/ 715		5.20 / 1.90		2.20 /0.45	21550/10900	72/54	90
CJTHT-63-4T-4/PLUS	1430	11.40	6.60		3.00	24350	73	87
CJTHT-63-4/8T-4/PLUS	1425/ 710		6.80 / 2.20		3.00 /0.60	24350/12150	73/55	101
CJTHT-63-6T-0,75/PLUS	930	3.30	1.90		0.55	13650	61	68
CJTHT-63-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 /0.09	13650/6400	61/44	72
CJTHT-63-4T-1/PLUS	940	4.40	2.60		0.75	15050	62	72
CJTHT-63-6/12T-1/PLUS	935/ 430		2.50 / 1.03		0.75 /0.15	15050/7050	62/45	78
CJTHT-71-4T-1,5/PLUS	1420	4.70	2.70		1.10	19550	74	85
CJTHT-71-4/8T-1,5/PLUS	1440/ 710		2.90 / 1.40		1.10 /0.25	19550/9650	74/59	89
CJTHT-71-4T-2/PLUS	1425	6.60	3.80		1.50	22200	75	89
CJTHT-71-4/8T-2/PLUS	1415/ 715		3.60 / 1.50		1.50 /0.30	22200/11200	75/60	101
CJTHT-71-4T-3/PLUS	1435	9.20	5.30		2.20	25850	76	95
CJTHT-71-4/8T-3/PLUS	1415/ 715		5.20 / 1.90		2.20 /0.45	25850/13050	76/62	107
CJTHT-71-4T-4/PLUS	1430	11.40	6.60		3.00	28550	77	104
CJTHT-71-4/8T-4/PLUS	1425/ 710		6.80 / 2.20		3.00 /0.60	28550/14250	77/63	118
CJTHT-71-6T-0,75/PLUS	930	3.30	1.90		0.55	16100	63	85
CJTHT-71-6/12T-0,75/PLUS	940/ 440		2.10 / 0.90		0.55 /0.09	16100/7550	63/49	89
CJTHT-71-6T-1/PLUS	940	4.40	2.60		0.75	17350	64	88
CJTHT-71-6/12T-1/PLUS	935/ 430		2.50 / 1.03		0.75 /0.15	17350/8100	64/49	95
CJTHT-71-6T-1,5/PLUS	945	6.40	3.70		1.10	20000	65	94
CJTHT-71-6/12T-1,5/PLUS	940/ 450		3.30 / 1.20		1.10 /0.18	20000/9900	65/50	102
CJTHT-80-4T-3/PLUS	1435	9.20	5.30		2.20	27900	78	103
CJTHT-80-4/8T-3/PLUS	1415/ 715		5.20 / 1.90		2.20 /0.45	27900/14100	78/63	115
CJTHT-80-4T-4/PLUS	1430	11.40	6.60		3.00	30400	79	112
CJTHT-80-4/8T-4/PLUS	1425/ 710		6.80 / 2.20		3.00 /0.60	30400/15150	79/64	125
CJTHT-80-4T-5,5/PLUS	1440		8.40	4.80	4.00	36900	80	118
CJTHT-80-4/8T-5,5/PLUS	1455/ 725		9.30 / 3.40		4.00 /0.80	36900/18400	80/65	153
CJTHT-80-6T-1,5/PLUS	945	6.40	3.70		1.10	23250	68	102
CJTHT-80-6/12T-1,5/PLUS	940/ 450		3.30 / 1.20		1.10 /0.18	23250/11500	68/53	110
CJTHT-80-6T-2/PLUS	945	7.40	4.30		1.50	26100	69	111
CJTHT-80-6/12T-2/PLUS	960/ 470		4.30 / 1.70		1.50 /0.25	26100/12650	69/54	115
CJTHT-80-6T-3/PLUS	950	10.30	5.90		2.20	30000	70	118
CJTHT-80-6/12T-3/PLUS	940/ 470		5.60 / 2.20		2.20 /0.37	30000/15000	70/55	124
CJTHT-80-8T-0,75/PLUS	700	3.60	2.10		0.55	19050	67	95

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-80-8T-1/PLUS	710	4.80	2.80		0.75	20750	68	102
CJTHT-90-4T-4/PLUS	1430	11.40	6.60		3.00	36150	82	136
CJTHT-90-4/8T-4/PLUS	1425/ 710		6.80 / 2.20		3.00 /0.60	36150/18000	82/68	149
CJTHT-90-4T-5,5/PLUS	1440		8.40	4.80	4.00	41700	84	142
CJTHT-90-4/8T-5,5/PLUS	1455/ 725		9.30 / 3.40		4.00 /0.80	41700/20750	84/69	177
CJTHT-90-4T-7,5/PLUS	1460		13.00	7.50	5.50	46350	86	168
CJTHT-90-4/8T-7,5/PLUS	1455/ 725		12.80 / 4.60		5.50 /1.10	46350/23100	86/72	182
CJTHT-90-4T-10/PLUS	1460		17.70	10.20	7.50	52000	87	179
CJTHT-90-4/8T-9/PLUS	1455/ 725		15.50 / 5.50		6.70 /1.50	52000/25900	87/73	182
CJTHT-90-6T-2/PLUS	945	7.40	4.30		1.50	30350	74	135
CJTHT-90-6/12T-2/PLUS	960/ 470		4.30 / 1.70		1.50 /0.25	30350/14700	74/59	139
CJTHT-90-6T-3/PLUS	950	10.30	5.90		2.20	34050	75	142
CJTHT-90-6/12T-3/PLUS	940/ 470		5.60 / 2.20		2.20 /0.37	34050/17050	75/60	148
CJTHT-90-6T-4/PLUS	970	14.60	8.40		3.00	37200	76	166
CJTHT-90-6/12T-4/PLUS	970/ 475		8.90 / 3.50		3.00 /0.55	37200/18400	76/61	168
CJTHT-90-8T-1/PLUS	710	4.80	2.80		0.75	24100	68	126
CJTHT-90-8T-2/PLUS	700	9.00	5.20		1.50	29600	69	142
CJTHT-90-8T-3/PLUS	710	11.40	6.60		2.20	30950	70	158
CJTHT-100-4T-7,5/PLUS	1460		13.00	7.50	5.50	54900	88	176
CJTHT-100-4/8T-7,5/PLUS	1455/ 725		12.80 / 4.60		5.50 /1.10	54900/27350	88/73	190
CJTHT-100-4T-10/PLUS	1460		17.70	10.20	7.50	57650	89	187
CJTHT-100-4/8T-9/PLUS	1455/ 725		15.50 / 5.50		6.70 /1.50	60400/30100	89/74	190
CJTHT-100-4T-15/PLUS	1460		22.00	12.70	11.00	66500	90	231
CJTHT-100-4/8T-15/PLUS	1470/ 725		23.20 / 8.70		11.00 /2.80	66500/32800	90/75	231
CJTHT-100-4T-20/PLUS	1460		29.00	16.70	15.00	73200	91	246
CJTHT-100-4/8T-20/PLUS	1470/ 725		31.70 / 11.80		15.00 /3.80	73200/36100	91/76	246
CJTHT-100-6T-3/PLUS	950	10.30	5.90		2.20	39600	79	150
CJTHT-100-6/12T-3/PLUS	940/ 470		5.60 / 2.20		2.20 /0.37	39600/19800	79/64	156
CJTHT-100-6T-4/PLUS	970	14.60	8.40		3.00	43550	80	175
CJTHT-100-6/12T-4/PLUS	970/ 475		8.90 / 3.50		3.00 /0.55	43550/21550	80/65	176
CJTHT-100-6T-5,5/PLUS	970		11.00	6.40	4.00	47950	81	187
CJTHT-100-6/12T-5,5/PLUS	970/ 480		11.30 / 4.20		4.00 /0.65	47950/23750	81/66	187
CJTHT-100-8T-2/PLUS	700	9.00	5.20		1.50	34700	74	150
CJTHT-100-8T-3/PLUS	710	11.40	6.60		2.20	39400	74	167
CJTHT-100-8T-4/PLUS	710	15.60	9.00		3.00	40600	75	187

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

Model	63	125	250	500	1000	2000	4000	8000
40-2-1,5	43	64	71	76	79	75	68	57
40-2-2	44	65	72	77	80	76	69	58
40-4-0,75	31	52	59	64	67	63	56	45
40-4-1,5	28	49	56	61	64	60	53	42
40-4-2	29	50	57	62	65	61	54	43
40-6	21	42	49	54	57	53	46	35
40-12	6	27	34	39	42	38	31	20
45-2-2	45	66	73	78	81	77	70	59
45-2-3	47	68	75	80	83	79	72	61
45-4-0,75	35	56	63	68	71	67	60	49
45-4-2	30	51	58	63	66	62	55	44
45-4-3	32	53	60	65	68	64	57	46
45-6	23	44	51	56	59	55	48	37
45-12	8	29	36	41	44	40	33	22
50-2-4	52	72	80	85	87	84	77	66
50-2-6	53	73	81	86	88	85	78	67
50-4-1	39	59	67	72	74	71	64	53
50-4-4	35	55	63	68	70	67	60	49
50-4-6	38	58	66	71	73	70	63	52

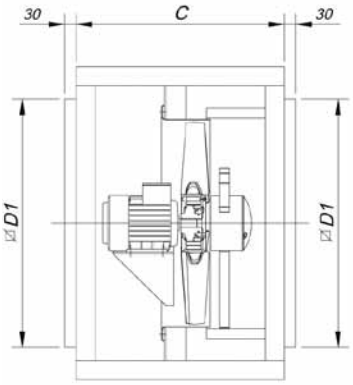
Model	63	125	250	500	1000	2000	4000	8000
50-6	28	48	56	61	63	60	53	42
50-12	13	33	41	46	48	45	38	27
56-2-6	58	78	86	91	93	90	83	72
56-2-12	59	79	87	92	94	91	84	73
56-4-1	43	63	71	76	78	75	68	57
56-4-1,5	44	64	72	77	79	76	69	58
56-4-2	45	65	73	78	80	77	70	59
56-4-6	42	62	70	75	77	74	67	56
56-4-12	44	64	72	77	79	76	69	58
56-6	33	53	61	66	68	65	58	47
56-8-1,5	27	47	55	60	62	59	52	41
56-8-2	28	48	56	61	63	60	53	42
56-12	16	36	44	49	51	48	41	30
63-4-1	45	65	73	78	80	77	70	59
63-4-1,5	46	66	74	79	81	78	71	60
63-4-2	47	67	75	80	82	79	72	61
63-4-3	49	69	77	82	84	81	74	63
63-4-4	50	70	78	83	85	82	75	64
63-6-0,75	38	58	66	71	73	70	63	52

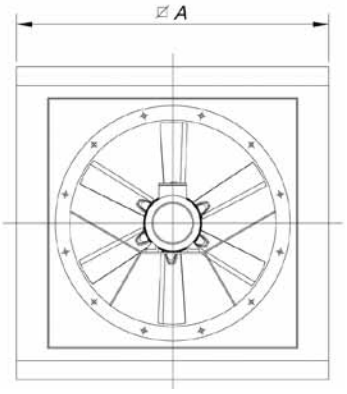
Acoustic features

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

63-6-1	39	59	67	72	74	71	64	53
63-8-1,5	29	49	57	62	64	61	54	43
63-8-2	30	50	58	63	65	62	55	44
63-8-3	31	51	59	64	66	63	56	45
63-8-4	32	52	60	65	67	64	57	46
63-12-0,75	21	41	49	54	56	53	46	35
63-12-1	22	42	50	55	57	54	47	36
71-4-1,5	51	71	79	84	86	83	76	65
71-4-2	52	72	80	85	87	84	77	66
71-4-3	53	73	81	86	88	85	78	67
71-4-4	54	74	82	87	89	86	79	68
71-6-0,75	40	60	68	73	75	72	65	54
71-6-1	41	61	69	74	76	73	66	55
71-6-1,5	42	62	70	75	77	74	67	56
71-8-1,5	36	56	64	69	71	68	61	50
71-8-2	37	57	65	70	72	69	62	51
71-8-3	39	59	67	72	74	71	64	53
71-8-4	40	60	68	73	75	72	65	54
71-12-0,75	26	46	54	59	61	58	51	40
71-12-1	26	46	54	59	61	58	51	40
71-12-1,5	27	47	55	60	62	59	52	41
80-4-3	55	75	83	88	90	87	80	69
80-4-4	56	76	84	89	91	88	81	70
80-4-5,5	57	77	85	90	92	89	82	71
80-6-1,5	45	65	73	78	80	77	70	59
80-6-2	46	66	74	79	81	78	71	60
80-6-3	47	67	75	80	82	79	72	61
80-8-0,75	44	64	72	77	79	76	69	58
80-8-1	45	65	73	78	80	77	70	59
80-8-3	40	60	68	73	75	72	65	54
80-8-4	41	61	69	74	76	73	66	55
80-8-5,5	42	62	70	75	77	74	67	56
80-12-1,5	30	50	58	63	65	62	55	44
80-12-2	31	51	59	64	66	63	56	45
80-12-3	32	52	60	65	67	64	57	46
90-4-4	60	81	88	93	96	92	85	74
90-4-5,5	62	83	90	95	98	94	87	76
90-4-7,5	64	85	92	97	100	96	89	78
90-4-9	65	86	93	98	101	97	90	79
90-4-10	65	86	93	98	101	97	90	79
90-6-2	52	73	80	85	88	84	77	66
90-6-3	53	74	81	86	89	85	78	67
90-6-4	54	75	82	87	90	86	79	68
90-8-1	46	67	74	79	82	78	71	60
90-8-2	47	68	75	80	83	79	72	61
90-8-3	48	69	76	81	84	80	73	62
90-8-4	46	67	74	79	82	78	71	60
90-8-5,5	47	68	75	80	83	79	72	61
90-8-7,5	50	71	78	83	86	82	75	64
90-8-9	51	72	79	84	87	83	76	65
90-12-2	37	58	65	70	73	69	62	51
90-12-3	38	59	66	71	74	70	63	52
90-12-4	39	60	67	72	75	71	64	53
100-4-7,5	68	88	96	101	103	100	93	82
100-4-9	69	89	97	102	104	101	94	83
100-4-10	69	89	97	102	104	101	94	83
100-4-15	70	90	98	103	105	102	95	84
100-4-20	71	91	99	104	106	103	96	85
100-6-3	59	79	87	92	94	91	84	73
100-6-4	60	80	88	93	95	92	85	74
100-6-5,5	61	81	89	94	96	93	86	75
100-8-2	54	74	82	87	89	86	79	68
100-8-3	54	74	82	87	89	86	79	68
100-8-4	55	75	83	88	90	87	80	69
100-8-7,5	53	73	81	86	88	85	78	67
100-8-9	54	74	82	87	89	86	79	68
100-8-15	55	75	83	88	90	87	80	69
100-8-20	56	76	84	89	91	88	81	70
100-12-3	44	64	72	77	79	76	69	58
100-12-4	45	65	73	78	80	77	70	59
100-12-5,5	46	66	74	79	81	78	71	60

Dimensions in mm





Model	ØA	C	ØD1
CJTHT/PLUS-40/45/50	700	550	565
CJTHT/PLUS-56/63	825	550	690
CJTHT/PLUS-71/80	1000	650	850
CJTHT/PLUS-90/100	1200	750	1050

Characteristic curves

See characteristic curves on page 33.

Accessories

See accessories section, page 170.

INT IAT CABLE BOX C2V AET AR CENTRAL CO RFT P-400 R RI

CJTHT

CJTHT: 400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with soundproofed box
CJTHT/ATEX: 400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with ATEX certification

Detail CJTHT/ATEX

Extraction units to work inside fire danger zones at 400ºC/2h, with soundproofed box.

Fan:
- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Turnable impellers cast aluminium.
- Units suitable for working in both horizontal and vertical positions.
- Approval according to Standard EN-12101-3-2002, certificate no.: 0370-CPD-0312
- CJTHT/ATEX: with ATEX certification, category 3 Ex II3G. In accordance with Spanish Low Voltage Regulation Itc 29 ATEX for Zone 2 rated car parks.

Motor:
- Class H motors, ongoing use S1 and emergency use S2, with ball bearings, IP55 protection, and one- or two- speed depending on the model.
- Three-phase 230/400V.-50Hz. (up to 4CV.) and 400/690V.-50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20ºC+ 40ºC for ongoing use, S2 Service 200ºC/2h, 300ºC/2h, 400ºC/2h

Finish:
- Anticorrosive galvanized sheet steel.

On request:
- 100% reversible impellers.

Order code

From size 40 to size 100

CJTHT — 56 — 4T — 2 — F-400

CJTHT	56	4T	T	2	F-400
CJTHT: 400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with soundproofed box CJTHT/ATEX: 400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with ATEX certification	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	Power motor (c.v.)	F-200 Officially approved 200ºC/2h F-300 Officially approved 300ºC/1h F-400 Officially approved 400ºC/2h CAT3: With ATEX certification, Category 3 Ex II3G.

Size 125

CJTHT — 125 — 4T — 15 — 9-10 — F-400

CJTHT	125	4T	T	15	9-10		F-400
CJTHT: 400ºC/2h, 300ºC/1h and 200ºC/2h axial extraction units with soundproofed box	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	Power motor (c.v.)	Number of blades 3 blades 6 blades 9 blades	Angle of inclination of the blades	F-200 Officially approved 200ºC/2h F-300 Officially approved 300ºC/1h F-400 Officially approved 400ºC/2h CAT3: With ATEX certification, Category 3 Ex II3G.

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-40-2/4T-1,5	2920/ 1460		2.90/ 2.10		1.1 /0.25	7050/3500	73/58	50
CJTHT-40-2/4T-2	2940/ 1460		4.40/ 1.40		1.5 /0.37	8000/3950	74/59	51
CJTHT-40-4T-0,75	1420	2.90	1.70		0.55	4800	61	41
CJTHT-40-6T-0,75	930	3.30	1.90		0.55	3150	51	49
CJTHT-40-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	3150/1500	51/36	53
CJTHT-45-2/4T-2	2940/ 1460		5.70/ 1.80		1.50 /0.37	10050/5000	75/60	53
CJTHT-45-2/4T-3	2930/ 1450		4.40/ 1.40		2.20 /0.60	11350/5600	77/62	55
CJTHT-45-4T-0,75	1420	2.90	1.70		0.55	7450	65	43
CJTHT-45-6T-0,75	930	3.30	1.90		0.55	5050	53	51
CJTHT-45-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	5050/2350	53/38	55
CJTHT-50-2/4T-4	2920/ 1440		6.70/ 2.00		3.00 /0.80	13850/6850	79/64	62
CJTHT-50-2/4T-6	2930/ 1450		10.00/ 3.20		4.50 /1.30	16750/8300	80/65	78
CJTHT-50-4T-1	1420	3.70	2.10		0.75	9750	66	50
CJTHT-50-6T-0,75	930	3.30	1.90		0.55	7900	55	52
CJTHT-50-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	7900/3700	55/40	56
CJTHT-56-2/4T-6	2930/ 1450		10.00/ 3.20		4.50 /1.30	20050	85/69	87
CJTHT-56-2/4T-12	2920/ 1440		20.70/ 5.50		9.00 /2.50	29500/14750	86/71	153
CJTHT-56-4T-1	1420	3.70	2.10		0.75	11850	70	59
CJTHT-56-4T-1,5	1420	4.70	2.70		1.10	13050	71	61
CJTHT-56-4/8T-1,5	1440/ 710		2.90/ 1.40		1.10 /0.25	13050/6450	71/56	65
CJTHT-56-4T-2	1425	6.60	3.80		1.50	14550	72	63
CJTHT-56-4/8T-2	1415/ 715		3.60/ 1.50		1.50 /0.30	14550/7350	72/57	69
CJTHT-56-6T-0,75	930	3.30	1.90		0.55	10350	60	61
CJTHT-56-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	10350/4850	60/45	65
CJTHT-63-4T-1	1420	3.70	2.10		0.75	15200	70	63
CJTHT-63-4T-1,5	1420	4.70	2.70		1.10	17800	71	66
CJTHT-63-4/8T-1,5	1440/ 710		2.90/ 1.40		1.10 /0.25	17800/8800	71/56	69
CJTHT-63-4T-2	1425	6.60	3.80		1.50	19350	72	67
CJTHT-63-4/8T-2	1415/ 715		3.60/ 1.50		1.50 /0.30	19350/9750	72/57	74
CJTHT-63-4T-3	1435	9.20	5.30		2.20	21550	73	73
CJTHT-63-4/8T-3	1415/ 715		5.20/ 1.90		2.20 /0.45	21550/10900	73/58	87
CJTHT-63-4T-4	1430	11.40	6.60		3.00	24350	74	78
CJTHT-63-4/8T-4	1425/ 710		6.80/ 2.20		3.00 /0.60	24350/12150	74/59	91
CJTHT-63-6T-0,75	930	3.30	1.90		0.55	13650	63	66
CJTHT-63-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	13650/6400	63/48	69
CJTHT-63-6T-1	940	4.40	2.60		0.75	15050	64	67
CJTHT-63-6/12T-1	935/ 430		2.50/ 1.03		0.75 /0.15	15050/7050	64/49	71
CJTHT-71-4T-1,5	1420	4.70	2.70		1.10	19550	75	82
CJTHT-71-4/8T-1,5	1440/ 710		2.90/ 1.40		1.10 /0.25	19550/9650	75/60	86
CJTHT-71-4T-2	1425	6.60	3.80		1.50	22200	76	84
CJTHT-71-4/8T-2	1415/ 715		3.60/ 1.50		1.50 /0.30	22200/11200	76/61	91
CJTHT-71-4T-3	1435	9.20	5.30		2.20	25850	78	90
CJTHT-71-4/8T-3	1415/ 715		5.20/ 1.90		2.20 /0.45	25850/13050	78/63	103
CJTHT-71-4T-4	1430	11.40	6.60		3.00	28550	79	95
CJTHT-71-4/8T-4	1425/ 710		6.80/ 2.20		3.00 /0.60	28550/14250	79/64	108
CJTHT-71-6T-0,75	930	3.30	1.90		0.55	16100	65	82
CJTHT-71-6/12T-0,75	940/ 440		2.10/ 0.90		0.55 /0.09	16100/7550	65/50	86
CJTHT-71-6T-1	940	4.40	2.60		0.75	17350	66	84
CJTHT-71-6/12T-1	935/ 430		2.50/ 1.03		0.75 /0.15	17350/8100	66/51	87
CJTHT-71-6T-1,5	945	6.40	3.70		1.10	20000	67	86
CJTHT-71-6/12T-1,5	940/ 450		3.30/ 1.20		1.10 /0.18	20000/9900	67/52	97
CJTHT-80-4T-3	1435	9.20	5.30		2.20	27900	79	98
CJTHT-80-4/8T-3	1415/ 715		5.20/ 1.90		2.20 /0.45	27900/14100	79/64	111

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-80-4T-4	1430	11.40	6.60		3.00	30400	80	103
CJTHT-80-4/8T-4	1425/ 710		6.80/ 2.20		3.00 / 0.60	30400/ 15150	80/ 65	115
CJTHT-80-4T-5,5	1440		8.40	4.80	4.00	36900	81	113
CJTHT-80-4/8T-5,5	1455/ 725		9.30/ 3.40		4.00 / 0.80	36900/ 18400	81/ 66	147
CJTHT-80-6T-1,5	945	6.40	3.70		1.10	23250	70	95
CJTHT-80-6/12T-1,5	940/ 450		3.30/ 1.20		1.10 / 0.18	23250/ 11500	70/ 55	105
CJTHT-80-6T-2	945	7.40	4.30		1.50	26100	71	99
CJTHT-80-6/12T-2	960/ 470		4.30/ 1.70		1.50 / 0.25	26100/ 12650	71/ 56	113
CJTHT-80-6T-3	950	10.30	5.90		2.20	30000	72	113
CJTHT-80-6/12T-3	940/ 470		5.60/ 2.20		2.20 / 0.37	30000/ 15000	72/ 57	118
CJTHT-80-8T-0,75	700	3.60	2.10		0.55	19050	68	99
CJTHT-80-8T-1	710	4.80	2.80		0.75	20750	69	111
CJTHT-90-4T-4	1430	11.40	6.60		3.00	36150	84	127
CJTHT-90-4/8T-4	1425/ 710		6.80/ 2.20		3.00 / 0.60	36150/ 18000	84/ 69	139
CJTHT-90-4T-5,5	1440		8.40	4.80	4.00	41700	86	137
CJTHT-90-4/8T-5,5	1455/ 725		9.30/ 3.40		4.00 / 0.80	41700/ 20750	86/ 71	171
CJTHT-90-4T-7,5	1460		13.00	7.50	5.50	46350	88	171
CJTHT-90-4/8T-7,5	1455/ 725		12.80/ 4.60		5.50 / 1.10	46350/ 23100	88/ 73	190
CJTHT-90-4T-10	1460		17.70	10.20	7.50	52000	89	208
CJTHT-90-4/8T-9	1455/ 725		15.50/ 5.50		6.70 / 1.50	52000/ 25900	89/ 74	198
CJTHT-90-6T-2	945	7.40	4.30		1.50	30350	75	123
CJTHT-90-6/12T-2	960/ 470		4.30/ 1.70		1.50 / 0.25	30350/ 14700	75/ 60	137
CJTHT-90-6T-3	950	10.30	5.90		2.20	34050	76	137
CJTHT-90-6/12T-3	940/ 470		5.60/ 2.20		2.20 / 0.37	34050/ 17050	76/ 61	142
CJTHT-90-6T-4	970	14.60	8.40		3.00	37200	77	171
CJTHT-90-6/12T-4	970/ 475		8.90/ 3.50		3.00 / 0.55	37200/ 18400	77/ 62	171
CJTHT-90-8T-1	710	4.80	2.80		0.75	24100	69	135
CJTHT-90-8T-2	700	9.00	5.20		1.50	29600	71	139
CJTHT-90-8T-3	710	11.40	6.60		2.20	30950	72	171
CJTHT-100-4T-7,5	1460		13.00	7.50	5.50	54900	89	179
CJTHT-100-4/8T-7,5	1455/ 725		12.80/ 4.60		5.50 / 1.10	54900/ 27350	89/ 74	198
CJTHT-100-4T-10	1460		17.70	10.20	7.50	57650	90	216
CJTHT-100-4/8T-9	1455/ 725		15.50/ 5.50		6.70 / 1.50	60400/ 30100	90/ 75	206
CJTHT-100-4T-15	1460		22.00	12.70	11.00	66500	91	251
CJTHT-100-4/8T-15	1470/ 725		23.20/ 8.70		11.00 / 2.80	66500/ 32800	91/ 76	251
CJTHT-100-4T-20	1460		29.00	16.70	15.00	73200	92	258
CJTHT-100-4/8T-20	1470/ 725		31.70/ 11.80		15.00 / 3.80	73200/ 36100	92/ 77	258
CJTHT-100-6T-3	950	10.30	5.90		2.20	39600	80	145
CJTHT-100-6/12T-3	940/ 470		5.60/ 2.20		2.20 / 0.37	39600/ 19800	80/ 65	150
CJTHT-100-6T-4	970	14.60	8.40		3.00	43550	81	179
CJTHT-100-6/12T-4	970/ 475		8.90/ 3.50		3.00 / 0.55	43550/ 21550	81/ 66	179
CJTHT-100-6T-5,5	970		11.00	6.40	4.00	47950	82	187
CJTHT-100-6/12T-5,5	970/ 480		11.30/ 4.20		4.00 / 0.65	47950/ 23750	82/ 67	206
CJTHT-100-8T-2	700	9.00	5.20		1.50	34700	75	147
CJTHT-100-8T-3	710	11.40	6.60		2.20	39400	75	179
CJTHT-100-8T-4	710	15.60	9.00		3.00	40600	76	216
CJTHT-125-4T/3-10	1465		14.20	8.20	7.50	58150	85	395
CJTHT-125-4/8T/3-9	1430/ 725		14.40/ 4.64		7.20 / 1.80	58150/ 29000	85/ 65	409
CJTHT-125-4T/3-15	1460		21.50	12.40	11.00	77450	86	450
CJTHT-125-4/8T/3-15	1455/ 725		21.00/ 7.00		11.00 / 3.00	77450/ 38200	86/ 66	456
CJTHT-125-4T/3-20	1455		29.00	16.70	15.00	91400	88	457
CJTHT-125-4/8T/3-20	1455/ 725		26.50/ 8.45		14.00 / 3.50	91400/ 45050	88/ 68	476
CJTHT-125-4T/3-25	1470		34.50	19.90	18.50	98350	88	540

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m^3/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-125-4T/3-30	1470		41.70	24.10	22.00	110500	89	545
CJTHT-125-4/8T/3-27	1470/ 730		38.60/ 14.10		20.00 / 5.00	110500/55250	89/68	548
CJTHT-125-4/8T/3-37	1480/ 735		52.00/ 18.00		28.00 / 6.50	116600/58100	90/69	625
CJTHT-125-4T/3-40	1475		54.80	31.60	30.00	120850	90	598
CJTHT-125-4/8T/3-40	1470/ 730		67.30/ 21.80		35.00 / 8.00	120850/60000	90/69	638
CJTHT-125-4T/6-20	1455		29.00	16.70	15.00	78300	86	466
CJTHT-125-4/8T/6-20	1455/ 725		26.50/ 8.45		14.00 / 3.50	78300/38600	86/65	485
CJTHT-125-4/8T/6-22	1475/ 730		33.40/ 12.70		17.00 / 4.30	85150/42600	86/66	555
CJTHT-125-4T/6-25	1470		34.50	19.90	18.50	92000	87	549
CJTHT-125-4/8T/6-27	1470/ 730		38.60/ 14.10		20.00 / 5.00	92000/46000	87/66	557
CJTHT-125-4T/6-30	1470		41.70	24.10	22.00	98100	87	554
CJTHT-125-4/8T/6-37	1480/ 735		52.00/ 18.00		28.00 / 6.50	98100/48900	87/67	633
CJTHT-125-4T/6-40	1475		54.80	31.60	30.00	117000	89	606
CJTHT-125-4/8T/6-40	1470/ 730		67.30/ 21.80		35.00 / 8.00	117000/58100	89/68	646
CJTHT-125-4T/6-50	1480		65.40	37.80	37.00	123700	90	734
CJTHT-125-4T/9-25	1470		34.50	19.90	18.50	79750	85	558
CJTHT-125-4/8T/9-22	1475/ 730		33.40/ 12.70		17.00 / 4.30	79750/39900	85/66	564
CJTHT-125-4T/9-30	1470		41.70	24.10	22.00	97000	86	563
CJTHT-125-4/8T/9-27	1470/ 730		38.60/ 14.10		20.00 / 5.00	97000/48500	86/67	566
CJTHT-125-4/8T/9-37	1480/ 735		52.00/ 18.00		28.00 / 6.50	104100/51900	87/67	642
CJTHT-125-4T/9-40	1475		54.80	31.60	30.00	111200	88	615
CJTHT-125-4/8T/9-40	1470/ 730		67.30/ 21.80		35.00 / 8.00	111200/55250	88/68	655
CJTHT-125-4T/9-50	1480		65.40	37.80	37.00	118350	90	743
CJTHT-125-6T/3-4	960		6.82		3.00	46550	77	385
CJTHT-125-6/12T/3-4	960/ 470		6.39/ 2.42		2.80 / 0.70	46550/23000	77/62	401
CJTHT-125-6T/3-5,5	940		8.72	5.00	4.00	55300	78	393
CJTHT-125-6/12T/3-5,5	975/ 480		8.38/ 3.57		3.80 / 1.00	55300/27350	78/63	432
CJTHT-125-6T/3-7,5	960		12.20	7.00	5.50	64450	79	401
CJTHT-125-6/12T/3-7,5	980/ 485		11.80/ 8.25		5.00 / 1.30	64450/31900	79/64	445
CJTHT-125-6T/3-10	970		15.60	9.00	7.50	76400	81	449
CJTHT-125-6/12T/3-10	975/ 480		16.20/ 6.84		7.20 / 1.80	76400/37400	81/66	457
CJTHT-125-6T/3-15	970		23.30	13.50	11.00	87050	82	466
CJTHT-125-6/12T/3-15	975/ 480		20.60/ 8.25		11.00 / 3.00	87050/42600	82/67	557
CJTHT-125-6T/3-20	970		27.40	15.80	15.00	91700	83	533
CJTHT-125-6/12T/3-24	980/ 485		31.00/ 10.20		17.00 / 4.30	91700/45400	83/68	623
CJTHT-125-6T/6-5,5	940		8.72	5.00	4.00	51300	75	402
CJTHT-125-6/12T/6-5,5	975/ 480		8.38/ 3.57		3.80 / 1.00	51300/25400	75/60	441
CJTHT-125-6T/6-7,5	960		12.20	7.00	5.50	60300	75	410
CJTHT-125-6/12T/6-7,5	980/ 485		11.80/ 8.25		5.00 / 1.30	60300/29850	75/60	454
CJTHT-125-6T/6-10	970		15.60	9.00	7.50	72250	77	458
CJTHT-125-6/12T/6-10	975/ 480		16.20/ 6.84		7.20 / 1.80	72250/35350	77/62	466
CJTHT-125-6T/6-15	970		23.30	13.50	11.00	85450	79	475
CJTHT-125-6/12T/6-15	975/ 480		20.60/ 8.25		11.00 / 3.00	85450/41850	79/64	566
CJTHT-125-6T/6-20	970		27.40	15.80	15.00	92850	80	542
CJTHT-125-6/12T/6-24	980/ 485		31.00/ 10.20		17.00 / 4.30	92850/45950	80/65	631
CJTHT-125-6T/9-10	970		15.60	9.00	7.50	68200	76	467
CJTHT-125-6/12T/9-10	975/ 480		16.20/ 6.84		7.20 / 1.80	68200/33400	76/61	475
CJTHT-125-6T/9-15	970		23.30	13.50	11.00	77550	79	484
CJTHT-125-6/12T/9-15	975/ 480		20.60/ 8.25		11.00 / 3.00	77550/37950	79/64	575
CJTHT-125-6T/9-20	970		27.40	15.80	15.00	92900	82	551
CJTHT-125-6/12T/9-24	980/ 485		31.00/ 10.20		17.00 / 4.30	98650/48800	82/67	640

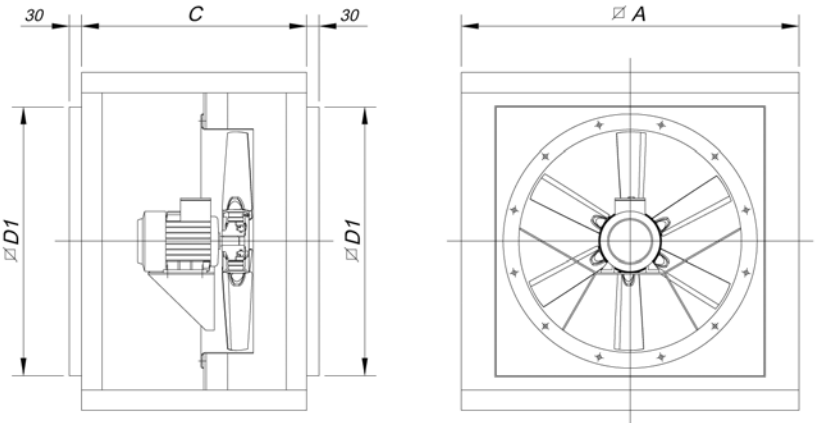
Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

40-2-1,5	45	66	73	78	81	77	70	59
40-2-2	46	67	74	79	82	78	71	60
40-4-0,75	33	54	61	66	69	65	58	47
40-4-1,5	30	51	58	63	66	62	55	44
40-4-2	31	52	59	64	67	63	56	45
40-6	23	44	51	56	59	55	48	37
40-12	8	29	36	41	44	40	33	22
45-2-2	47	68	75	80	83	79	72	61
45-2-3	49	70	77	82	85	81	74	63
45-4-0,75	37	58	65	70	73	69	62	51
45-4-2	32	53	60	65	68	64	57	46
45-4-3	34	55	62	67	70	66	59	48
45-6	25	46	53	58	61	57	50	39
45-12	10	31	38	43	46	42	35	24
50-2-4	54	74	82	87	89	86	79	68
50-2-6	55	75	83	88	90	87	80	69
50-4-1	41	61	69	74	76	73	66	55
50-4-4	39	59	67	72	74	71	64	53
50-4-6	40	60	68	73	75	72	65	54
50-6	30	50	58	63	65	62	55	44
50-12	15	35	43	48	50	47	40	29
56-2-6	60	80	88	93	95	92	85	74
56-2-12	61	81	89	94	96	93	86	75
56-4-1	45	65	73	78	80	77	70	59
56-4-1,5	46	66	74	79	81	78	71	60
56-4-2	47	67	75	80	82	79	72	61
56-4-6	44	64	72	77	79	76	69	58
56-4-12	46	66	74	79	81	78	71	60
56-6	35	55	63	68	70	67	60	49
56-8-1,5	31	51	59	64	66	63	56	45
56-8-2	32	52	60	65	67	64	57	46
56-12	20	40	48	53	55	52	45	34
63-4-1	47	67	75	80	82	79	72	61
63-4-1,5	48	68	76	81	83	80	73	62
63-4-2	49	69	77	82	84	81	74	63
63-4-3	50	70	78	83	85	82	75	64
63-4-4	51	71	79	84	86	83	76	65
63-6-0,75	40	60	68	73	75	72	65	54
63-6-1	41	61	69	74	76	73	66	55
63-8-1,5	33	53	61	66	68	65	58	47
63-8-2	34	54	62	67	69	66	59	48
63-8-3	35	55	63	68	70	67	60	49
63-8-4	36	56	64	69	71	68	61	50
63-12-0,75	25	45	53	58	60	57	50	39
63-12-1	26	46	54	59	61	58	51	40
71-4-1,5	52	72	80	85	87	84	77	66
71-4-2	53	73	81	86	88	85	78	67
71-4-3	55	75	83	88	90	87	80	69
71-4-4	56	76	84	89	91	88	81	70
71-6-0,75	42	62	70	75	77	74	67	56
71-6-1	43	63	71	76	78	75	68	57
71-6-1,5	44	64	72	77	79	76	69	58
71-8-1,5	37	57	65	70	72	69	62	51
71-8-2	38	58	66	71	73	70	63	52
71-8-3	40	60	68	73	75	72	65	54
71-8-4	41	61	69	74	76	73	66	55
71-12-0,75	27	47	55	60	62	59	52	41
71-12-1	28	48	56	61	63	60	53	42
71-12-1,5	29	49	57	62	64	61	54	43
80-4-3	56	76	84	89	91	88	81	70
80-4-4	57	77	85	90	92	89	82	71
80-4-5,5	58	78	86	91	93	90	83	72
80-6-1,5	47	67	75	80	82	79	72	61
80-6-2	48	68	76	81	83	80	73	62
80-6-3	49	69	77	82	84	81	74	63
80-8-0,75	45	65	73	78	80	77	70	59
80-8-1	46	66	74	79	81	78	71	60
80-8-3	41	61	69	74	76	73	66	55
80-8-4	42	62	70	75	77	74	67	56
80-8-5,5	43	63	71	76	78	75	68	57
80-12-1,5	32	52	60	65	67	64	57	46
80-12-2	33	53	61	66	68	65	58	47
80-12-3	34	54	62	67	69	66	59	48
90-4-4	62	83	90	95	98	94	87	76
90-4-5,5	64	85	92	97	100	96	89	78
90-4-7,5	66	87	94	99	102	98	91	80
90-4-9	67	88	95	100	103	99	92	81
90-4-10	67	88	95	100	103	99	92	81
90-6-2	53	74	81	86	89	85	78	67
90-6-3	54	75	82	87	90	86	79	68
90-6-4	55	76	83	88	91	87	80	69
90-8-1	47	68	75	80	83	79	72	61
90-8-2	49	70	77	82	85	81	74	63
90-8-3	50	71	78	83	86	82	75	64
90-8-4	47	68	75	80	83	79	72	61
90-8-5,5	49	70	77	82	85	81	74	63
90-8-7,5	51	72	79	84	87	83	76	65
90-8-9	52	73	80	85	88	84	77	66
90-12-2	38	59	66	71	74	70	63	52
90-12-3	39	60	67	72	75	71	64	53
90-12-4	40	61	68	73	76	72	65	54
100-4-7,5	69	89	97	102	104	101	94	83
100-4-9	70	90	98	103	105	102	95	84
100-4-10	70	90	98	103	105	102	95	84
100-4-15	71	91	99	104	106	103	96	85
100-4-20	72	92	100	105	107	104	97	86
100-6-3	60	80	88	93	95	92	85	74
100-6-4	61	81	89	94	96	93	86	75
100-6-5,5	62	82	90	95	97	94	87	76
100-8-2	55	75	83	88	90	87	80	69
100-8-3	55	75	83	88	90	87	80	69
100-8-4	56	76	84	89	91	88	81	70
100-8-7,5	54	74	82	87	89	86	79	68
100-8-9	55	75	83	88	90	87	80	69
100-8-15	56	76	84	89	91	88	81	70
100-8-20	57	77	85	90	92	89	82	71
100-12-3	45	65	73	78	80	77	70	59
100-12-4	46	66	74	79	81	78	71	60
100-12-5,5	47	67	75	80	82	79	72	61
125-4/3-9	67	73	85	95	95	91	83	79
125-4/3-10	67	73	85	95	95	91	83	79
125-4/3-15	68	74	86	96	96	92	84	80
125-4/3-20	70	76	88	98	98	94	86	82
125-4/3-25	70	76	88	98	98	94	86	82
125-4/3-27	71	77	89	99	99	95	87	83
125-4/3-30	71	77	89	99	99	95	87	83
125-4/3-37	72	78	90	100	100	96	88	84
125-4/3-40	72	78	90	100	100	96	88	84
125-6/3-4	63	71	83	87	85	80	71	67
125-6/3-5,5	64	72	84	88	86	81	72	68
125-6/3-7,5	65	73	85	89	87	82	73	69
125-6/3-10	67	75	87	91	89	84	75	71
125-6/3-15	68	76	88	92	90	85	76	72
125-6/3-20	69	77	89	93	91	86	77	73
125-6/3-24	69	77	89	93	91	86	77	73
125-8/3-9	47	53	65	75	75	71	63	59
125-8/3-15	48	54	66	76	76	72	64	60
125-8/3-20	50	56	68	78	78	74	66	62
125-8/3-27	50	56	68	78	78	74	66	62
125-8/3-37	51	57	69	79	79	75	67	63
125-8/3-40	51	57	69	79	79	75	67	63
125-12/3-4	48	56	68	72	70	65	56	52
125-12/3-5,5	49	57	69	73	71	66	57	53
125-12/3-7,5	50	58	70	74	72	67	58	54
125-12/3-10	52	60	72	76	74	69	60	56
125-12/3-15	53	61	73	77	75	70	61	57
125-12/3-24	54	62	74	78	76	71	62	58
125-4/6-20	64	72	88	95	97	92	86	82
125-4/6-22	64	72	88	95	97	92	86	82
125-4/6-25	65	73	89	96	98	93	87	83
125-4/6-27	65	73	89	96	98	93	87	83
125-4/6-30	65	73	89	96	98	93	87	83
125-4/6-37	65	73	89	96	98	93	87	83
125-4/6-40	67	75	91	98	100	95	89	85
125-4/6-50	68	76	92	99	101	96	90	86
125-6/6-5,5	58	67	80	83	84	81	70	66
125-6/6-7,5	58	67	80	83	84	81	70	66
125-6/6-10	60	69	82	85	86	83	72	68
125-6/6-15	62	71	84	87	88	85	74	70
125-6/6-20	63	72	85	88	89	86	75	71
125-6/6-24	63	72	85	88	89	86	75	71
125-8/6-20	43	51	67	74	76	71	65	61
125-8/6-22	44	52	68	75	77	72	66	62
125-8/6-27	44	52	68	75	77	72	66	62
125-8/6-37	45	53	69	76	78	73	67	63
125-8/6-40	46	54	70	77	79	74	68	64
125-12/6-5,5	43	52	65	68	69	66	55	51
125-12/6-7,5	43	52	65	68	69	66	55	51
125-12/6-10	45	54	67	70	71	68	57	53
125-12/6-15	47	56	69	72	73	70	59	55
125-12/6-24	48	57	70	73	74	71	60	56
125-4/9-22	63	71	88	94	95	90	85	81
125-4/9-25	63	71	88	94	95	90	85	81
125-4/9-27	64	72	89	95	96	91	86	82
125-4/9-30	64	72	89	95	96	91	86	82
125-4/9-37	65	73	90	96	97	92	87	83
125-4/9-40	66	74	91	97	98	93	88	84
125-4/9-50	68	76	93	99	100	95	90	86
125-6/9-10	56	66	81	85	84	83	72	68
125-6/9-15	59	69	84	88	87	86	75	71
125-6/9-20	62	72	87	91	90	89	78	74
125-6/9-24	62	72	87	91	90	89	78	74
125-8/9-22	44	52	69	75	76	71	66	62
125-8/9-27	45	53	70	76	77	72	67	63
125-8/9-37	45	53	70	76	77	72	67	63
125-8/9-40	46	54	71	77	78	73	68	64
125-12/9-10	41	51	66	70	69	68	57	53
125-12/9-15	44	54	69	73	72	71	60	56
125-12/9-24	47	57	72	76	75	74	63	59

Dimensions in mm



Model	⌀A	C	⌀D1
CJTHT-40/45/50	700	550	565
CJTHT-56/63	825	550	690
CJTHT-71/80	1000	650	850
CJTHT-90/100	1200	750	1050
CJTHT-125	1600	1200	1400

Characteristic curves

See characteristic curves on page 33.

Accessories

See accessories section, page 170.

INT IAT CABLE BOX C2V AET AR CENTRAL CO RFT P-400 R RI

CJTHT/DUPLEX/ATEX

400ºC/2h extraction units, with ATEX certification, category 2 Ex II2G In accordance with Spanish Low Voltage Regulation Itc 29 ATEX and NBE-CP/96 for Zone 1 and 2 rated car parks.

Duplex extraction units with soundproofed box to work inside fire danger zones at 400ºC/2h, with ATEX certification, category 2 Ex II2G In accordance with Spanish Low Voltage Regulation Itc 29 ATEX for Zone 1 and 2 rated car parks.

Fan:

- Galvanised sheet steel structure with thermal insulation and soundproofing.
- Turnable impellers cast aluminium.
- Duplex extraction units consisting of:
- CJTHT/ATEX category 3, 400ºC/2h to smoke extraction in the event of fire, certificate No.: 0370-CPD-0312
- CJHCH/ATEX category 2 to CO extraction during normal operation
- Airflow direction from motor to impeller

Motor:

- Class H motors, ongoing use S1 and emergency use S2, with ball bearings and IP55 protection
- Three-phase 230/400V.-50Hz. (up to 4CV.) and 400/690V.-50Hz. (power over 4CV.)
- Max. temperature of air for transport: S1 Service -20ºC+ 40ºC for ongoing use, S2 Service 400ºC/2h

Finish:

- Anticorrosive galvanized sheet steel.

On request:

- Built to work in a horizontal position

Order code

CJTHT — 56 — 4T — 2 — DUPLEX — CAT 2

CJTHT	56	4T	2	DUPLEX	CAT 2
CJTHT/DUPLEX/ATEX: 400ºC/2h extraction units, with ATEX certification, category 2 Ex II2G	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	Power motor (c.v.)	Duplex extraction units consisting of CJTHT/ATEX, CJHCH/ATEX	CAT2: With ATEX certification, Category 2 Ex II2G.

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-40-4T-0,75/DUPLEX-CAT2	1420	2.90	1.70		0.55	4800	61	82
CJTHT-40-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	3150	51	92
CJTHT-45-4T-0,75/DUPLEX-CAT2	1420	2.90	1.70		0.55	7450	65	85
CJTHT-45-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	5050	53	95
CJTHT-50-4T-1/DUPLEX-CAT2	1420	3.70	2.10		0.75	9750	66	95
CJTHT-50-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	7900	55	97
CJTHT-56-4T-1/DUPLEX-CAT2	1420	3.70	2.10		0.75	11850	70	113
CJTHT-56-4T-1,5/DUPLEX-CAT2	1420	4.70	2.70		1.10	13050	71	117
CJTHT-56-4T-2/DUPLEX-CAT2	1425	6.60	3.80		1.50	14550	72	122
CJTHT-56-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	10350	60	115

Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A) 230V	400V	690V	Power installed (kW)	Airflow maximum (m³/h)	Sound pressure level dB(A)	Approx. weight (Kg)
CJTHT-63-4T-1/DUPLEX-CAT2	1420	3.70	2.10		0.75	15200	70	122
CJTHT-63-4T-1,5/DUPLEX-CAT2	1420	4.70	2.70		1.10	17800	71	126
CJTHT-63-4T-2/DUPLEX-CAT2	1425	6.60	3.80		1.50	19350	72	131
CJTHT-63-4T-3/DUPLEX-CAT2	1435	9.20	5.30		2.20	21550	73	143
CJTHT-63-4T-4/DUPLEX-CAT2	1430	11.40	6.60		3.00	24350	74	150
CJTHT-63-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	13650	63	124
CJTHT-63-6T-1/DUPLEX-CAT2	940	4.40	2.60		0.75	15050	64	128
CJTHT-71-4T-1,5/DUPLEX-CAT2	1420	4.70	2.70		1.10	19550	75	160
CJTHT-71-4T-2/DUPLEX-CAT2	1425	6.60	3.80		1.50	22200	76	164
CJTHT-71-4T-3/DUPLEX-CAT2	1435	9.20	5.30		2.20	25850	78	177
CJTHT-71-4T-4/DUPLEX-CAT2	1430	11.40	6.60		3.00	28550	79	184
CJTHT-71-6T-0,75/DUPLEX-CAT2	930	3.30	1.90		0.55	16100	65	158
CJTHT-71-6T-1/DUPLEX-CAT2	940	4.40	2.60		0.75	17350	66	161
CJTHT-71-6T-1,5/DUPLEX-CAT2	945	6.40	3.70		1.10	20000	67	166
CJTHT-80-4T-3/DUPLEX-CAT2	1435	9.20	5.30		2.20	27900	79	193
CJTHT-80-4T-4/DUPLEX-CAT2	1430	11.40	6.60		3.00	30400	80	200
CJTHT-80-4T-5,5/DUPLEX-CAT2	1440		8.40	4.80	4.00	36900	81	213
CJTHT-80-6T-1,5/DUPLEX-CAT2	945	6.40	3.70		1.10	23250	70	184
CJTHT-80-6T-2/DUPLEX-CAT2	945	7.40	4.30		1.50	26100	71	196
CJTHT-80-6T-3/DUPLEX-CAT2	950	10.30	5.90		2.20	30000	72	213
CJTHT-90-4T-4/DUPLEX-CAT2	1430	11.40	6.60		3.00	36150	84	248
CJTHT-90-4T-5,5/DUPLEX-CAT2	1440		8.40	4.80	4.00	41700	86	261
CJTHT-90-4T-7,5/DUPLEX-CAT2	1460		13.00	7.50	5.50	46350	88	309
CJTHT-90-4T-10/DUPLEX-CAT2	1460		17.70	10.20	7.50	52000	89	354
CJTHT-90-6T-2/DUPLEX-CAT2	945	7.40	4.30		1.50	30350	75	243
CJTHT-90-6T-3/DUPLEX-CAT2	950	10.30	5.90		2.20	34050	76	261
CJTHT-90-6T-4/DUPLEX-CAT2	970	14.60	8.40		3.00	37200	77	308
CJTHT-100-4T-7,5/DUPLEX-CAT2	1460		13.00	7.50	5.50	54900	89	326
CJTHT-100-4T-10/DUPLEX-CAT2	1460		17.70	10.20	7.50	57650	90	371
CJTHT-100-4T-15/DUPLEX-CAT2	1460		22.00	12.70	11.00	66500	91	436
CJTHT-100-4T-20/DUPLEX-CAT2	1460		29.00	16.70	15.00	73200	92	462
CJTHT-100-6T-3/DUPLEX-CAT2	950	10.30	5.90		2.20	39600	80	277
CJTHT-100-6T-4/DUPLEX-CAT2	970	14.60	8.40		3.00	43550	81	325
CJTHT-100-6T-5,5/DUPLEX-CAT2	970		11.00	6.40	4.00	47950	82	340

(*) The information refers to a single fan.

Acoustic features

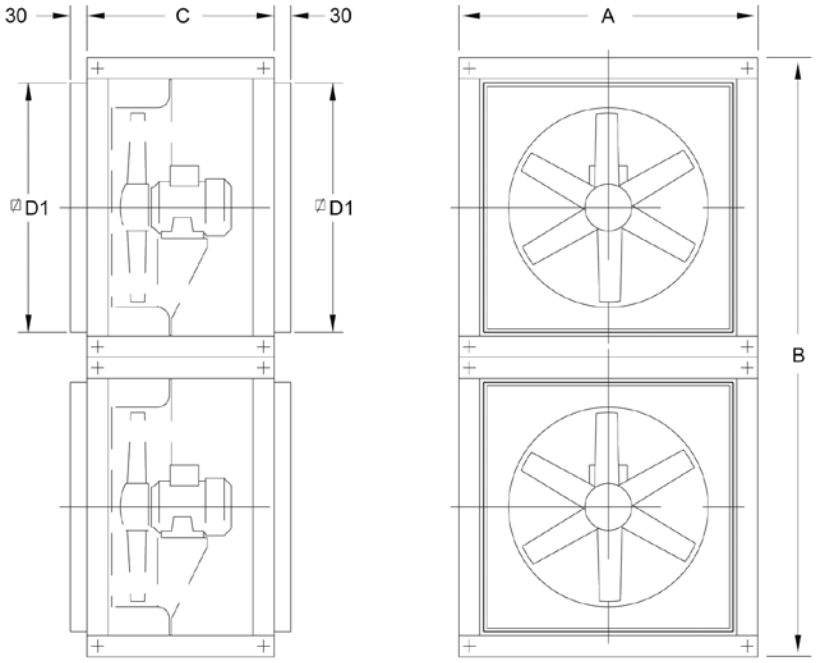
The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at an equivalent distance of twice the fan's span plus the impeller's diameter, with a minimum of 1.5 m.

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

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CJTHT-40-4T-0,75/DUPLEX-CAT2	61	33	54	61	66	69	65	58	47
CJTHT-40-6T-0,75/DUPLEX-CAT2	51	23	44	51	56	59	55	48	37
CJTHT-45-4T-0,75/DUPLEX-CAT2	65	37	58	65	70	73	69	62	51
CJTHT-45-6T-0,75/DUPLEX-CAT2	53	25	46	53	58	61	57	50	39
CJTHT-50-4T-1/DUPLEX-CAT2	66	41	61	69	74	76	73	66	55
CJTHT-50-6T-0,75/DUPLEX-CAT2	55	30	50	58	63	65	62	55	44
CJTHT-56-4T-1/DUPLEX-CAT2	70	45	65	73	78	80	77	70	59
CJTHT-56-4T-1,5/DUPLEX-CAT2	71	46	66	74	79	81	78	71	60
CJTHT-56-4T-2/DUPLEX-CAT2	72	47	67	75	80	82	79	72	61
CJTHT-56-6T-0,75/DUPLEX-CAT2	60	35	55	63	68	70	67	60	49
CJTHT-63-4T-1/DUPLEX-CAT2	70	47	67	75	80	82	79	72	61
CJTHT-63-4T-1,5/DUPLEX-CAT2	71	48	68	76	81	83	80	73	62
CJTHT-63-4T-2/DUPLEX-CAT2	72	49	69	77	82	84	81	74	63
CJTHT-63-4T-3/DUPLEX-CAT2	73	50	70	78	83	85	82	75	64
CJTHT-63-4T-4/DUPLEX-CAT2	74	51	71	79	84	86	83	76	65
CJTHT-63-6T-0,75/DUPLEX-CAT2	63	40	60	68	73	75	72	65	54
CJTHT-63-6T-1/DUPLEX-CAT2	64	41	61	69	74	76	73	66	55
CJTHT-71-4T-1,5/DUPLEX-CAT2	75	52	72	80	85	87	84	77	66
CJTHT-71-4T-2/DUPLEX-CAT2	76	53	73	81	86	88	85	78	67
CJTHT-71-4T-3/DUPLEX-CAT2	78	55	75	83	88	90	87	80	69
CJTHT-71-4T-4/DUPLEX-CAT2	79	56	76	84	89	91	88	81	70
CJTHT-71-6T-0,75/DUPLEX-CAT2	65	42	62	70	75	77	74	67	56

Model	Lp dB(A)	63	125	250	500	1000	2000	4000	8000
CJTHT-71-6T-1/DUPLEX-CAT2	66	43	63	71	76	78	75	68	57
CJTHT-71-6T-1,5/DUPLEX-CAT2	67	44	64	72	77	79	76	69	58
CJTHT-80-4T-3/DUPLEX-CAT2	79	56	76	84	89	91	88	81	70
CJTHT-80-4T-4/DUPLEX-CAT2	80	57	77	85	90	92	89	82	71
CJTHT-80-4T-5,5/DUPLEX-CAT2	81	58	78	86	91	93	90	83	72
CJTHT-80-6T-1,5/DUPLEX-CAT2	70	47	67	75	80	82	79	72	61
CJTHT-80-6T-2/DUPLEX-CAT2	71	48	68	76	81	83	80	73	62
CJTHT-80-6T-3/DUPLEX-CAT2	72	49	69	77	82	84	81	74	63
CJTHT-90-4T-4/DUPLEX-CAT2	84	62	83	90	95	98	94	87	76
CJTHT-90-4T-5,5/DUPLEX-CAT2	86	64	85	92	97	100	96	89	78
CJTHT-90-4T-7,5/DUPLEX-CAT2	88	66	87	94	99	102	98	91	80
CJTHT-90-4T-10/DUPLEX-CAT2	89	67	88	95	100	103	99	92	81
CJTHT-90-6T-2/DUPLEX-CAT2	75	53	74	81	86	89	85	78	67
CJTHT-90-6T-3/DUPLEX-CAT2	76	54	75	82	87	90	86	79	68
CJTHT-90-6T-4/DUPLEX-CAT2	77	55	76	83	88	91	87	80	69
CJTHT-100-4T-7,5/DUPLEX-CAT2	89	69	89	97	102	104	101	94	83
CJTHT-100-4T-10/DUPLEX-CAT2	90	70	90	98	103	105	102	95	84
CJTHT-100-4T-15/DUPLEX-CAT2	91	71	91	99	104	106	103	96	85
CJTHT-100-4T-20/DUPLEX-CAT2	92	72	92	100	105	107	104	97	86
CJTHT-100-6T-3/DUPLEX-CAT2	80	60	80	88	93	95	92	85	74
CJTHT-100-6T-4/DUPLEX-CAT2	81	61	81	89	94	96	93	86	75
CJTHT-100-6T-5,5/DUPLEX-CAT2	82	62	82	90	95	97	94	87	76

Dimensions in mm



Model	ØA	B	C	ØD1
CJTHT/DUPLEX-40/45/50	700	1400	550	565
CJTHT/DUPLEX-56/63	825	1650	550	690
CJTHT/DUPLEX-71/80	1000	2000	650	850
CJTHT/DUPLEX-90/100	1200	2400	750	1050

Characteristic Curves

See characteristic curves on page 33.

Accessories

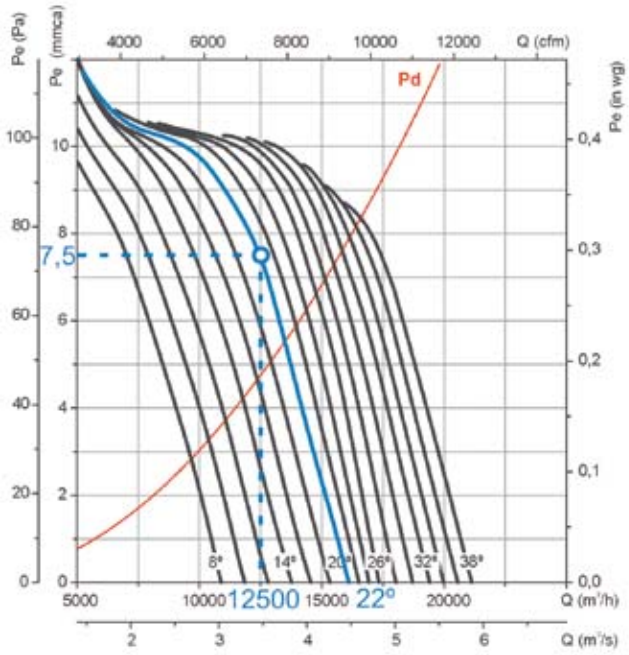
See accessories section, page 170.

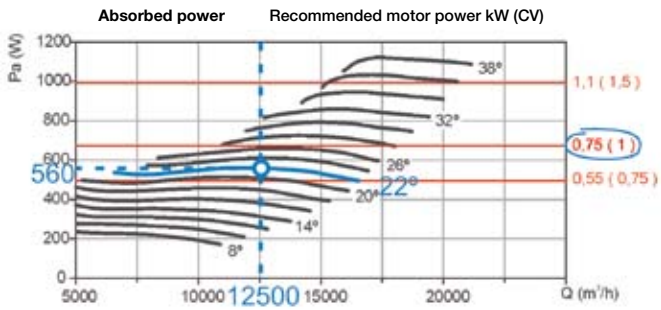
EXAMPLE OF SELECTION

Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX:**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71 **Number of poles: 6** **Number of blades: 6**





Initial data

- Working point:
- Airflow: 12,500 m³/h
- Loss of load: 7.5 mm w.c.

Steps for the selection of equipment

On the pressure graph:

- 1. Mark the working point, defined by the airflow (12,500 m³/h) and the loss of load (7.5 mm w.c.).
- 2. Select the curve of the equipment which is closest above the working point. In our case, a curve with a blade angle of 22º is obtained.

On the power graph:

- 3. Mark the working point, defined by the airflow (12,500 m3/h) and the selected blade angle (22º).
- 4. Read the absorbed power on the power axis on the left. Pa= 560 W at the working point.
- 5. Look for the straight red line which is closest to the working point above. On the right-hand side of the graph, the value of the installed motor power is obtained. In our case, this is 0.75 kW or 1 CV.

EXAMPLE OF ORDER CODE

THT — 40 — 4T — 2 — 6-20 — F-400

Name of series:
THT
CJTHT/PLUS
CJTHT
CJTHT/DUPLEX/ATEX

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

Motor power (c.v.)

Number of blades:
3 blades
6 blades
9 blades

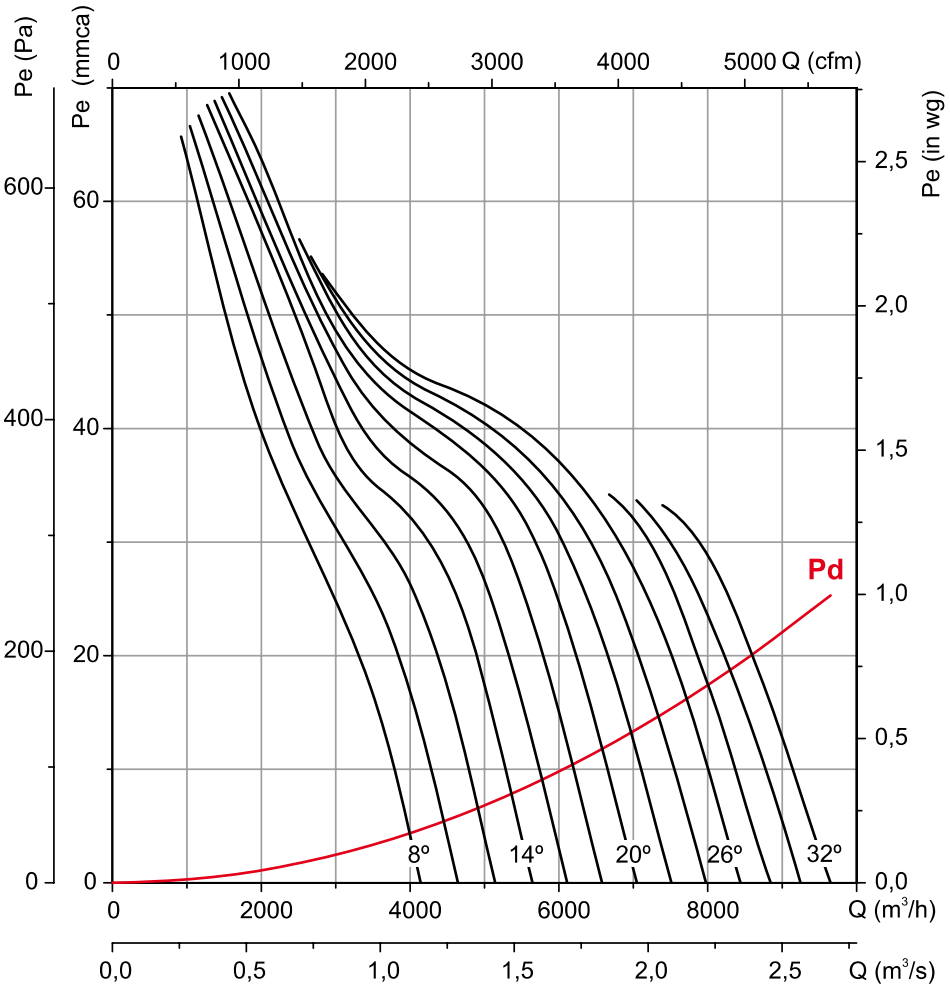
Angle of inclination of the blades

F-200 Officially approved 200ºC/2h
F-300 Officially approved 300ºC/1h
F-400 Officially approved 400ºC/2h
CAT3: With ATEX certification, Category 3 Ex II3G.

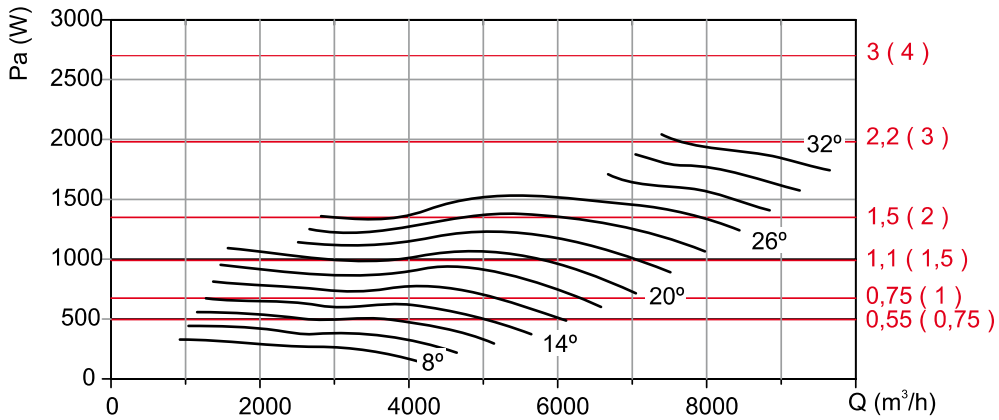
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 40 Number of poles: 2 Number of blades: 6



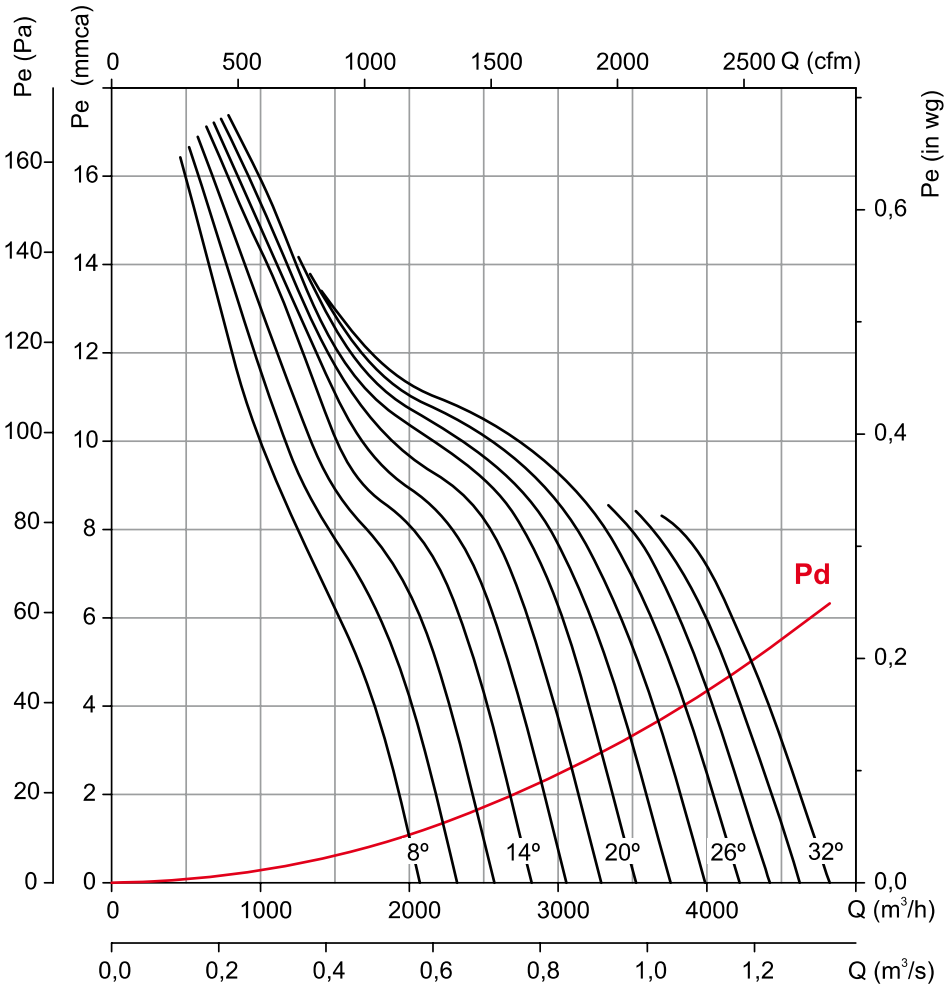
Absorbed power **Recommended motor power kW (CV)**



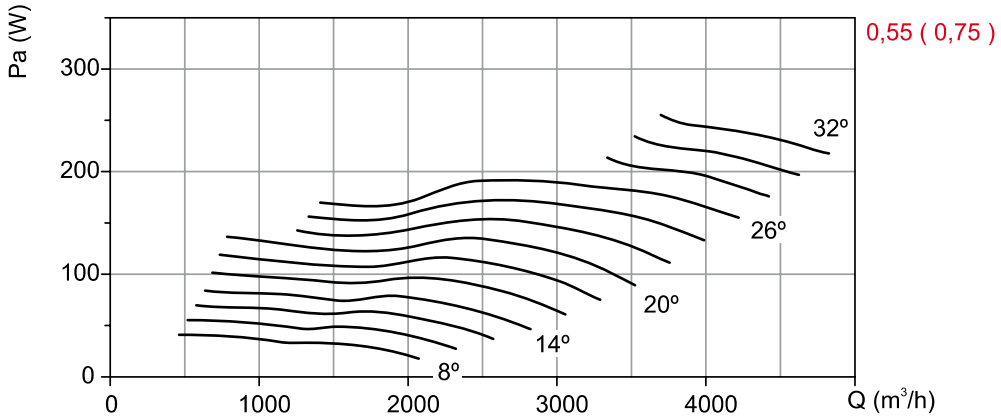
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX:**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 40 Number of poles: 4 Number of blades: 6



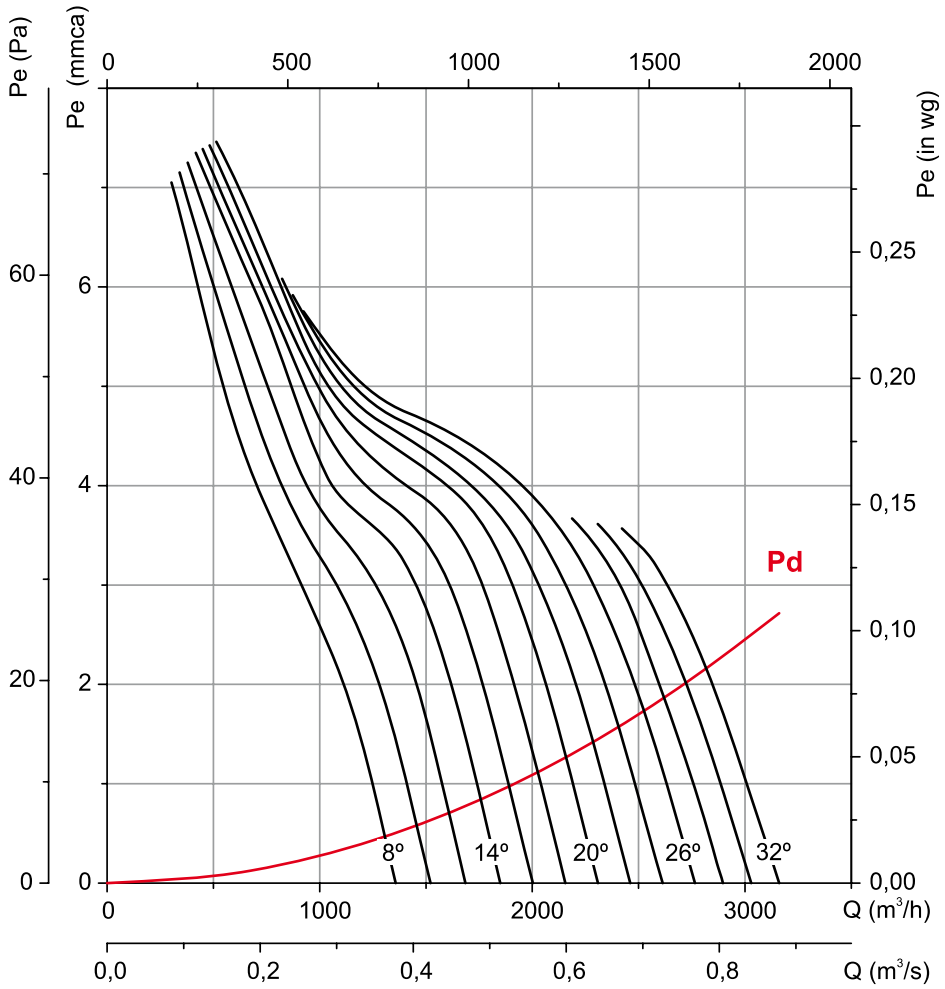
Absorbed power **Recommended motor power kW (CV)**



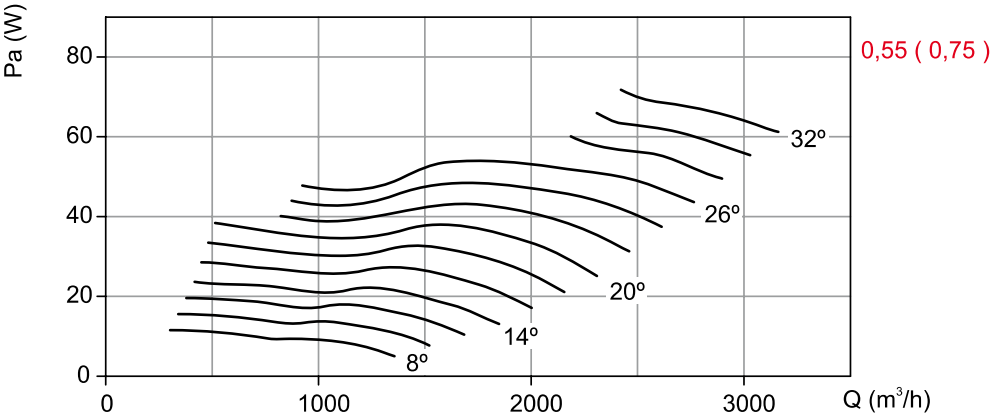
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX:**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 40 Number of poles: 6 Number of blades: 6



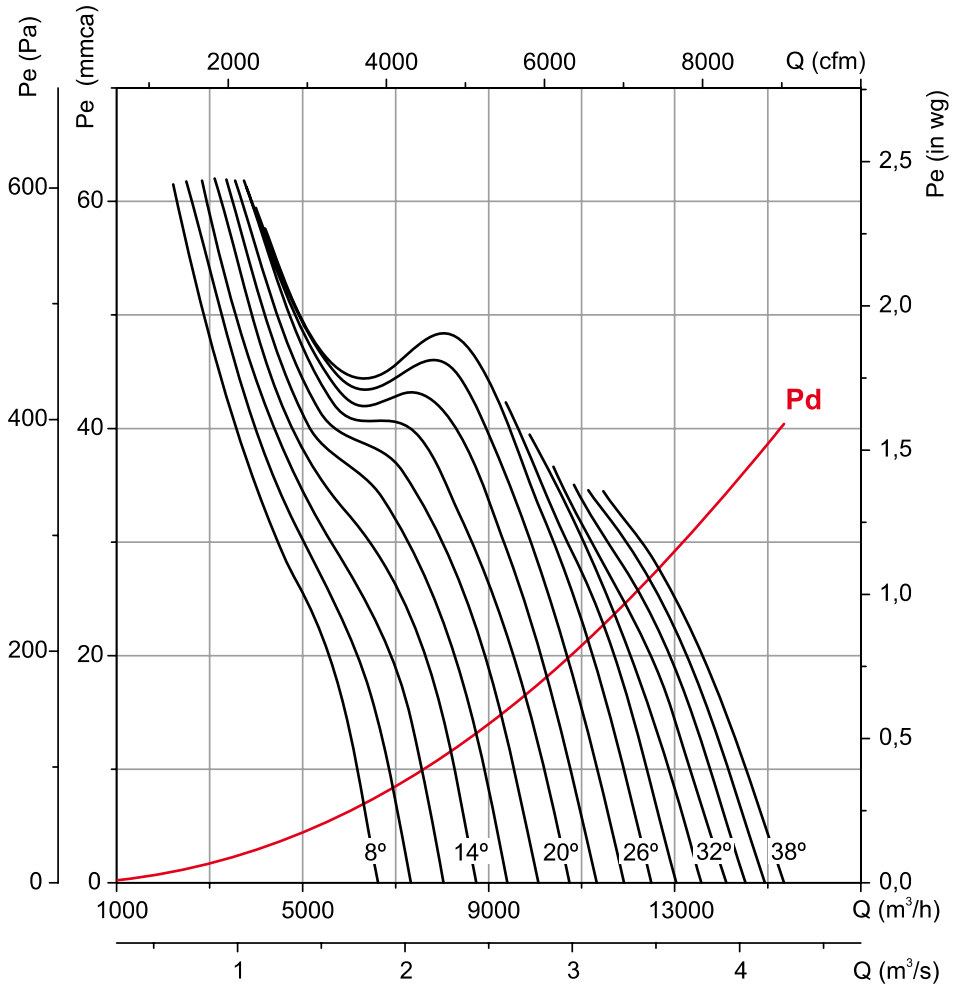
Absorbed power Recommended motor power kW (CV)



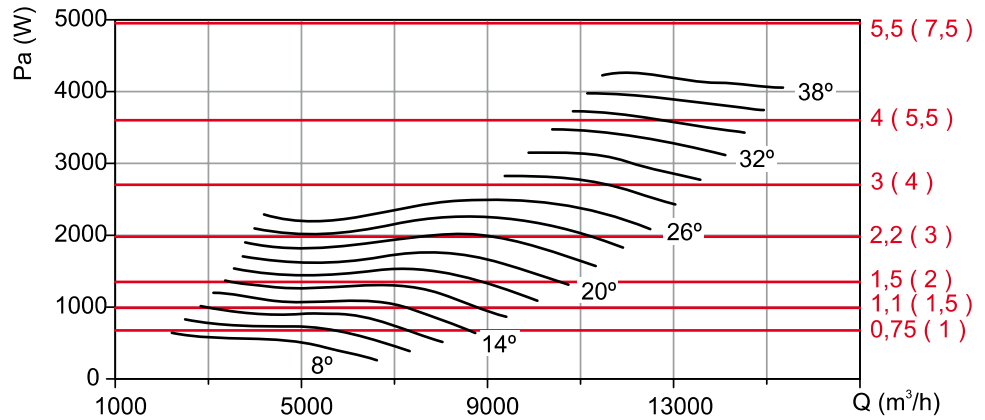
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 45 Number of poles: 2 Number of blades: 6



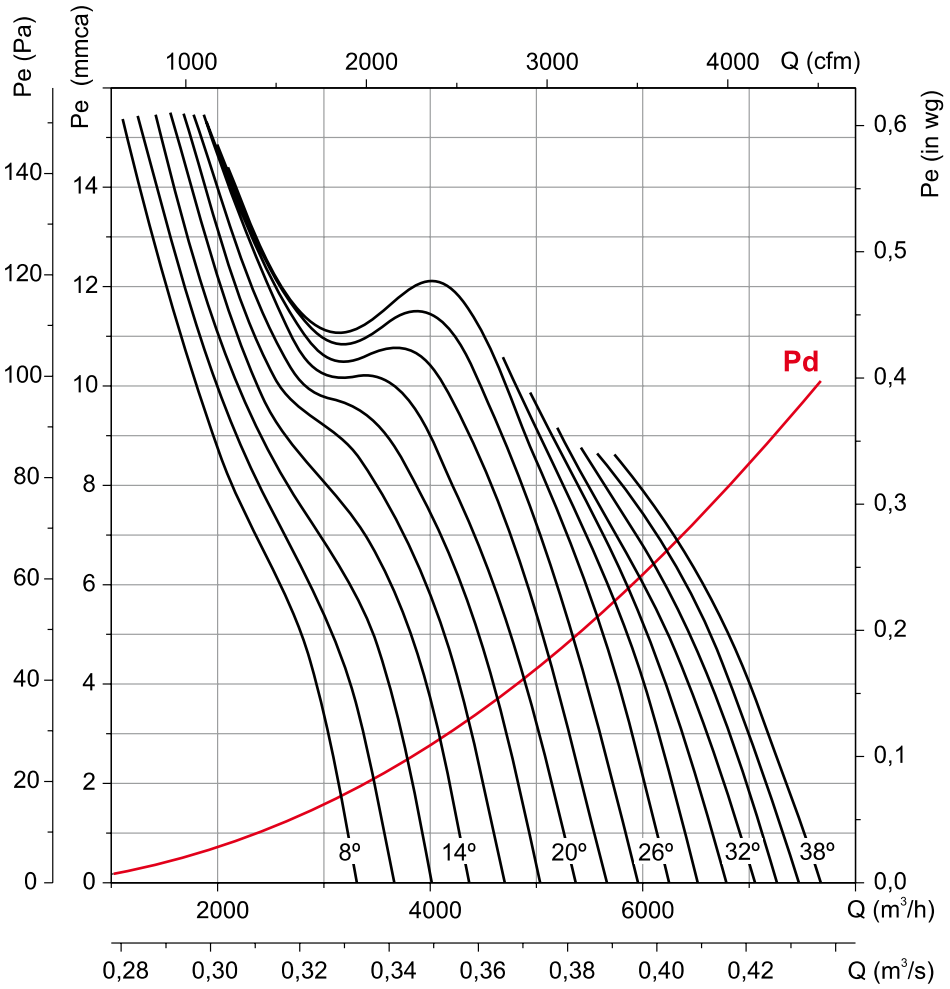
Absorbed power **Recommended motor power kW (CV)**

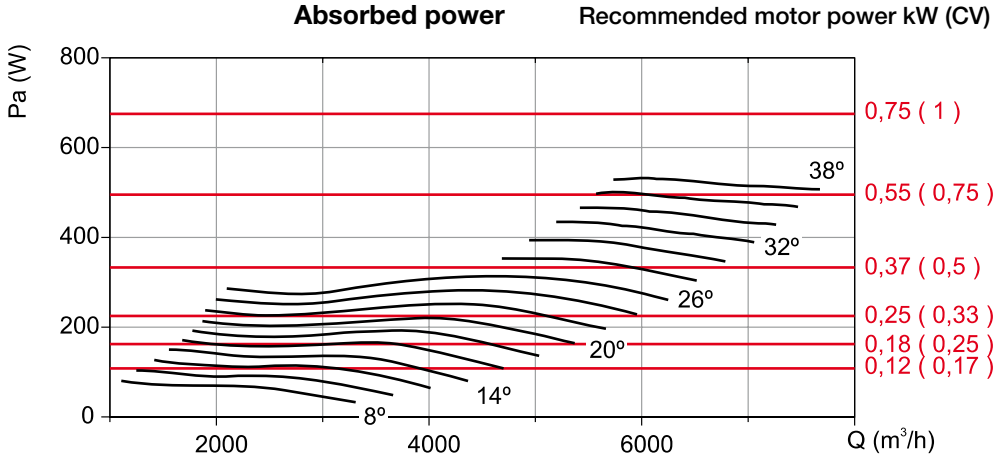


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX:**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 45 Number of poles: 4 Number of blades: 6

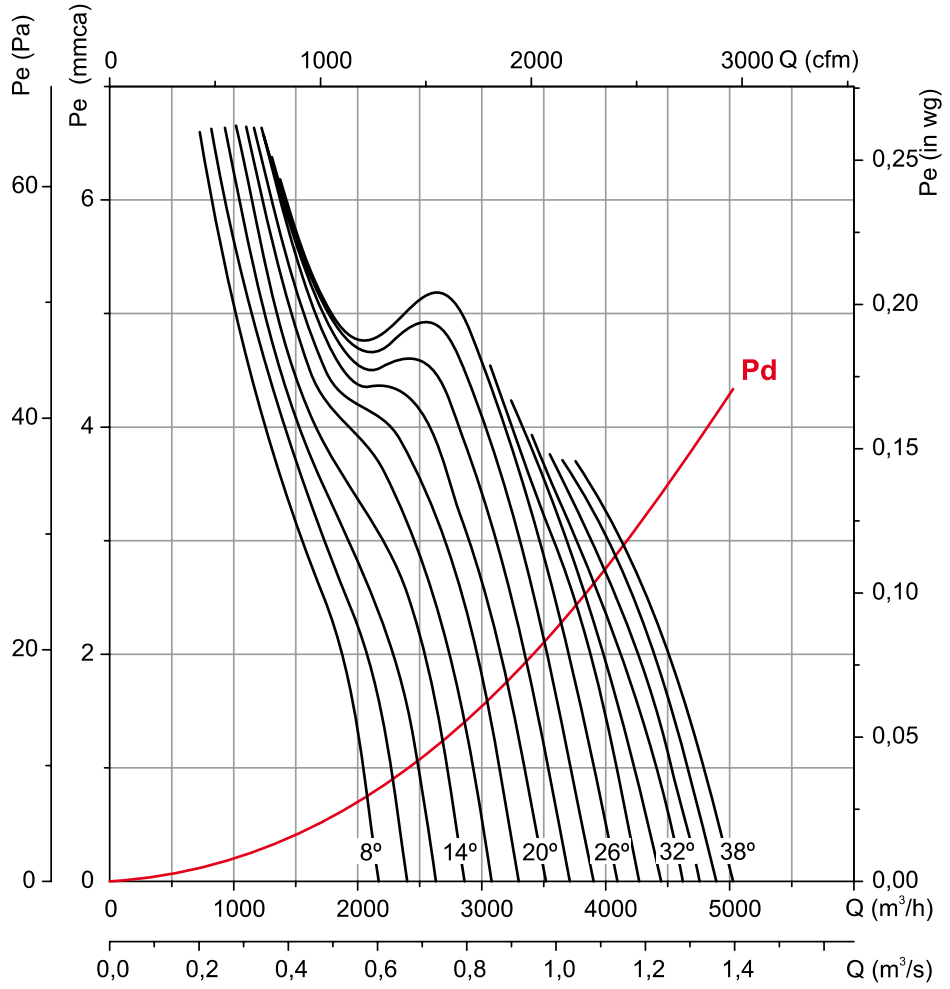




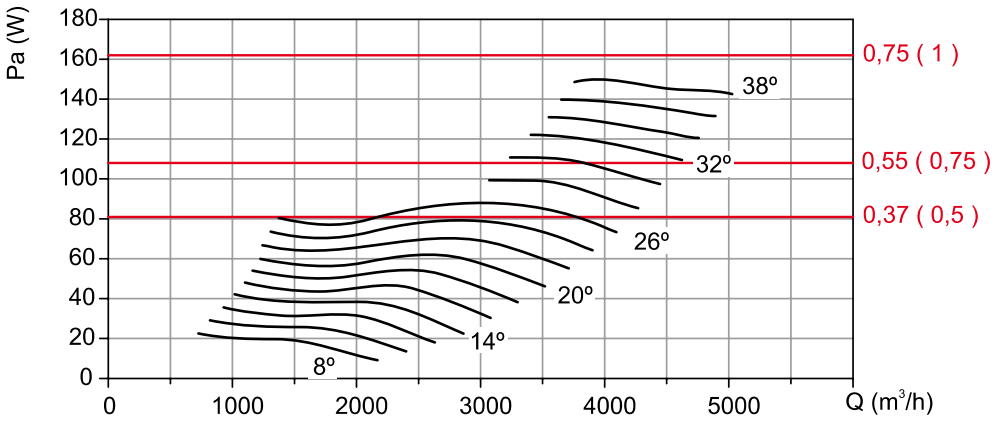
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX:**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 45 Number of poles: 6 Number of blades: 6



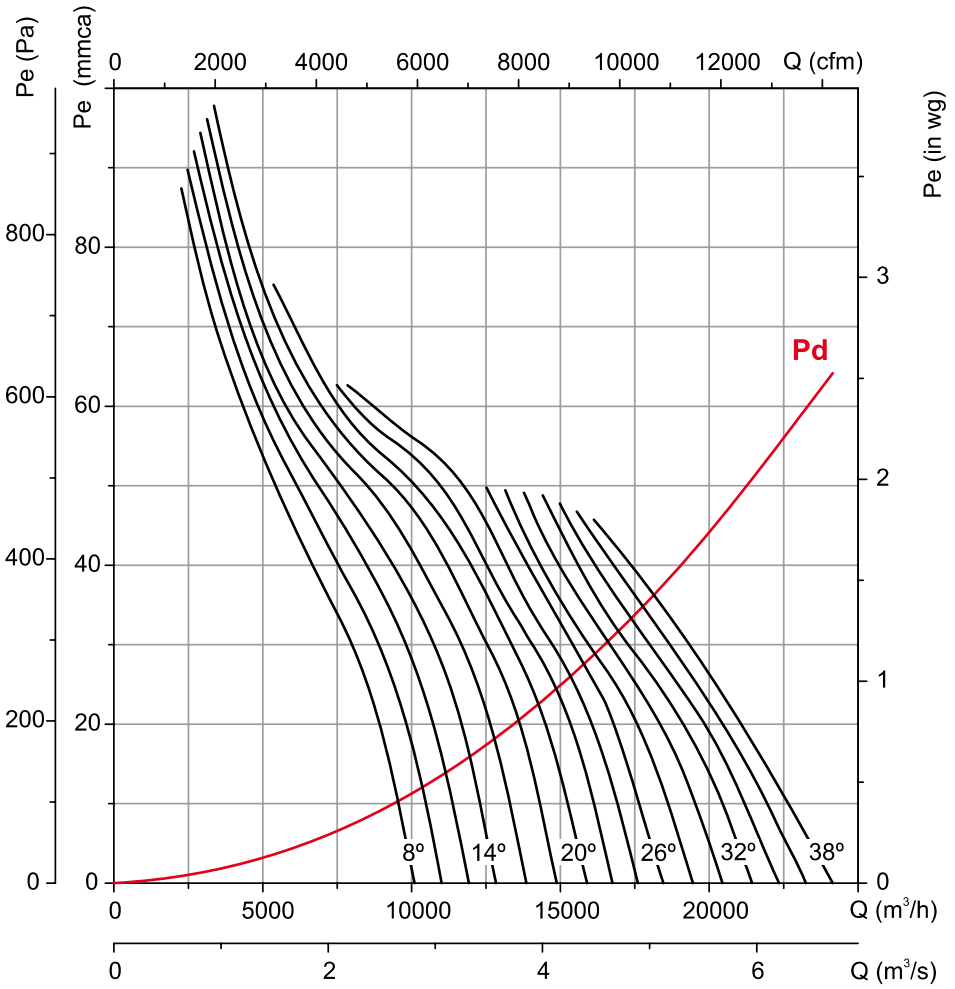
Absorbed power **Recommended motor power kW (CV)**



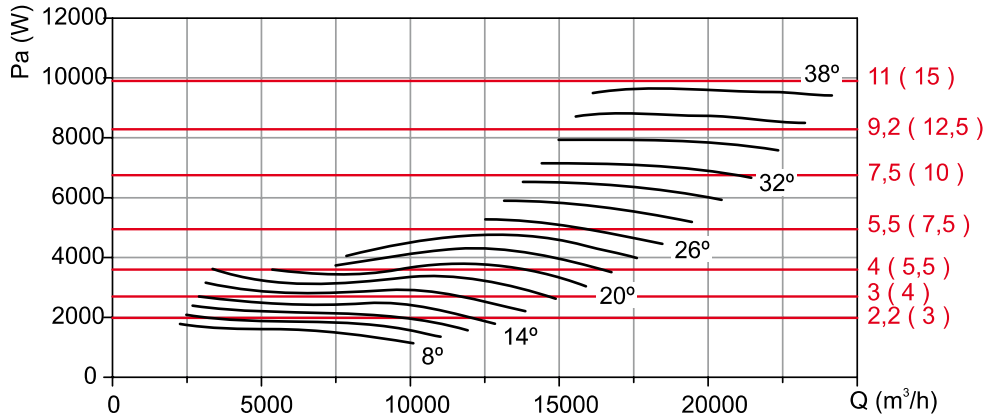
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 50 Number of poles: 2 Number of blades: 6



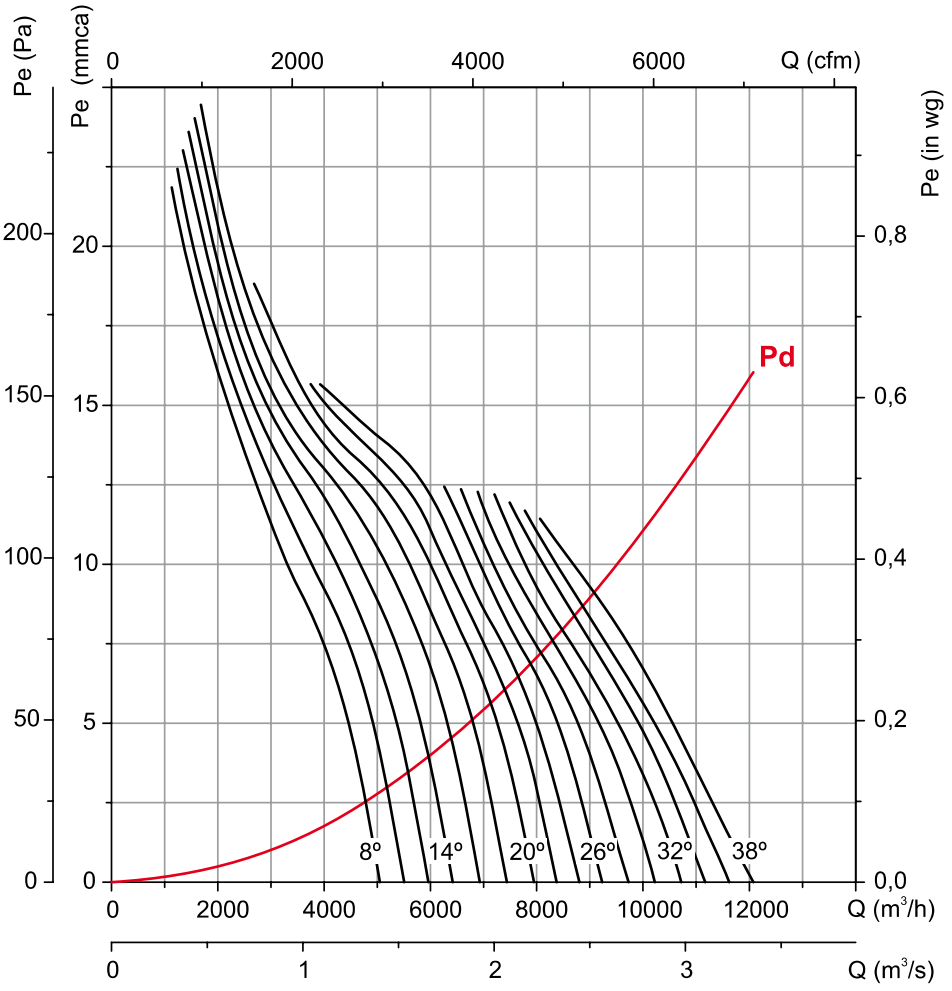
Absorbed power **Recommended motor power kW (CV)**



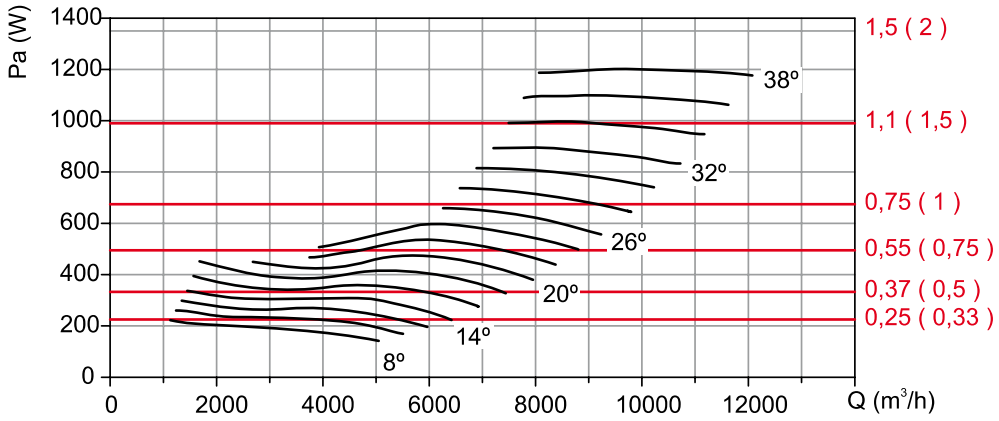
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 50 Number of poles: 4 Number of blades: 6



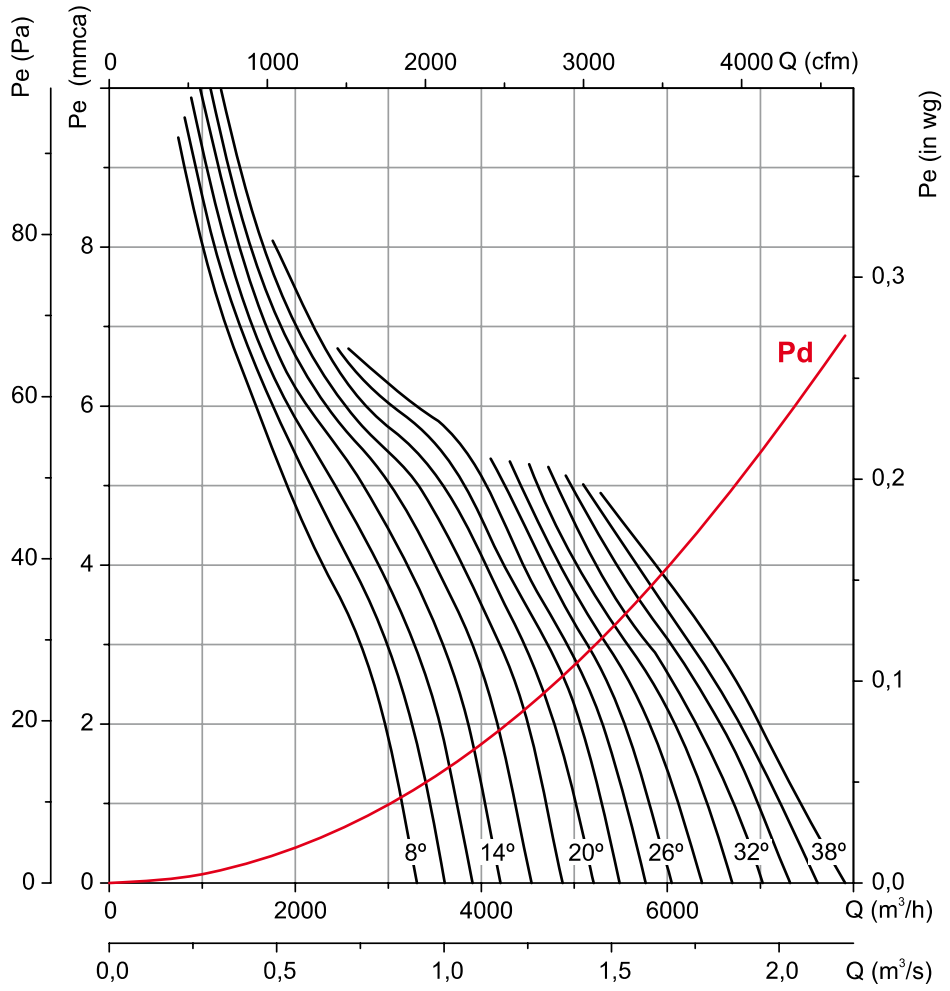
Absorbed power **Recommended motor power kW (CV)**

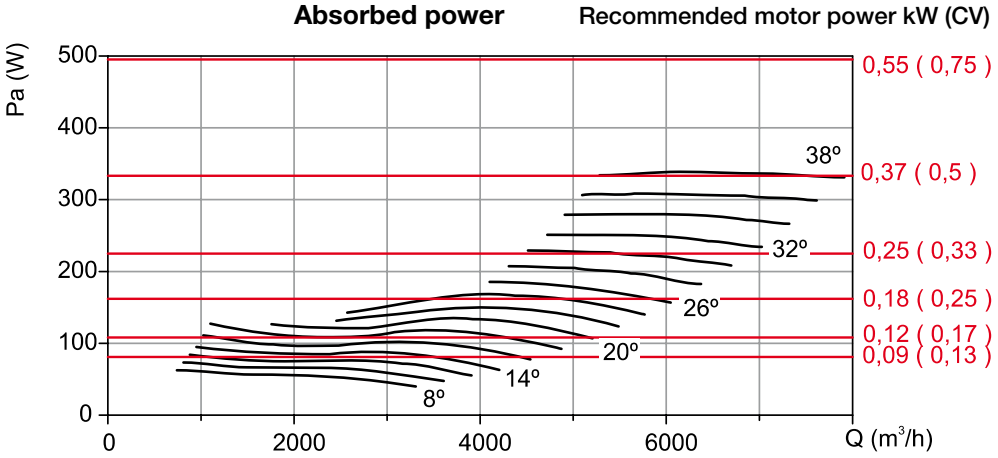


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 50 Number of poles 6 Number of blades: 6

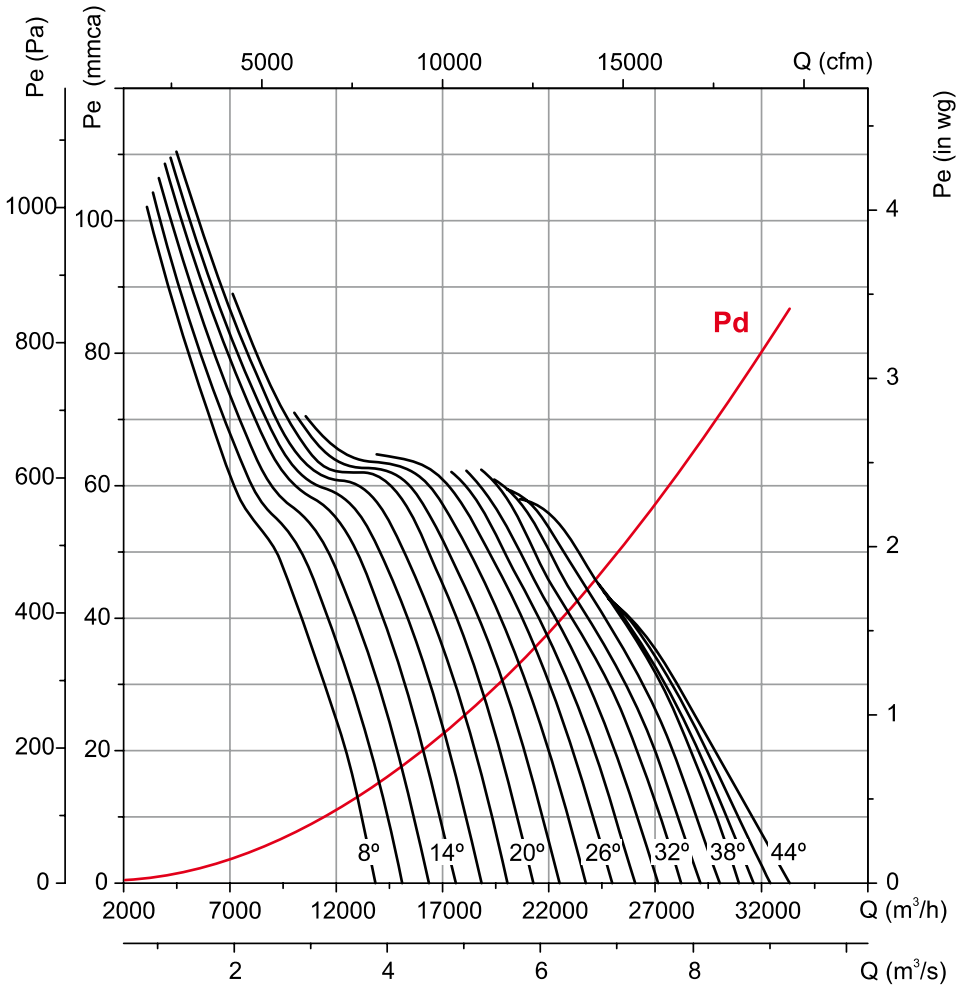


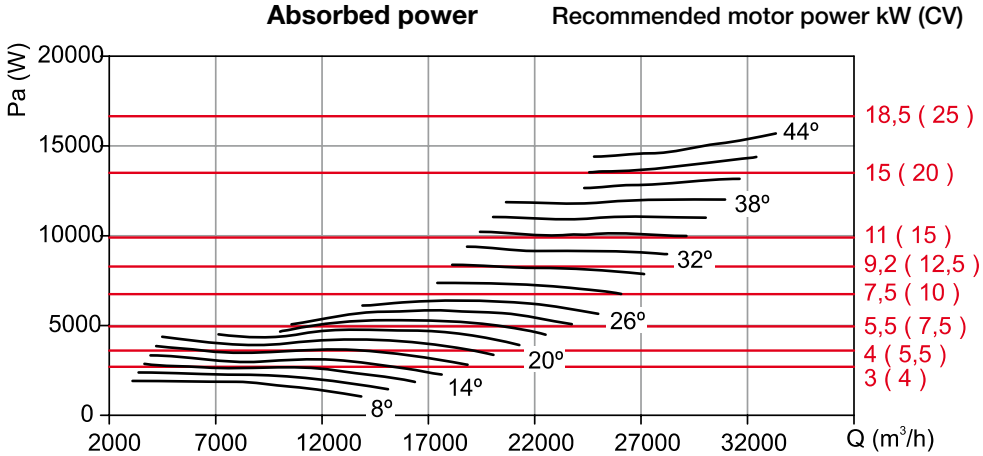


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 56 Number of poles: 2 Number of blades: 6

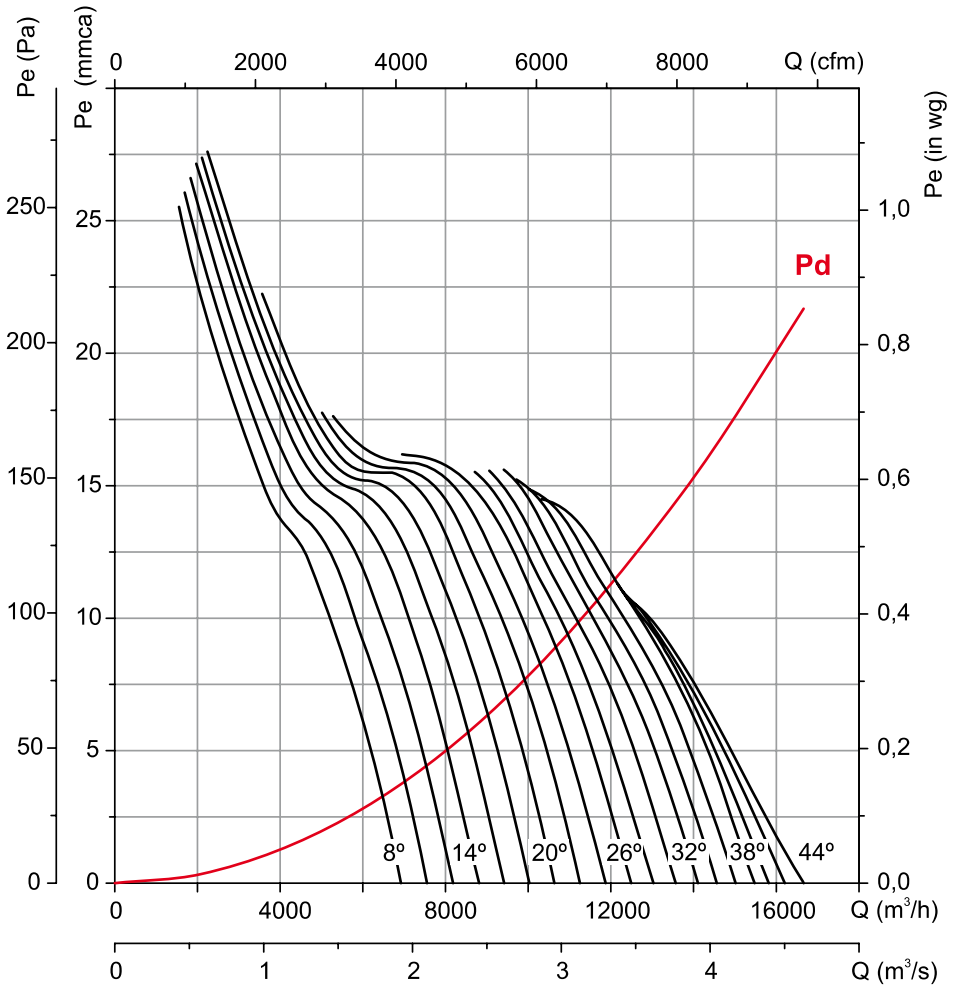




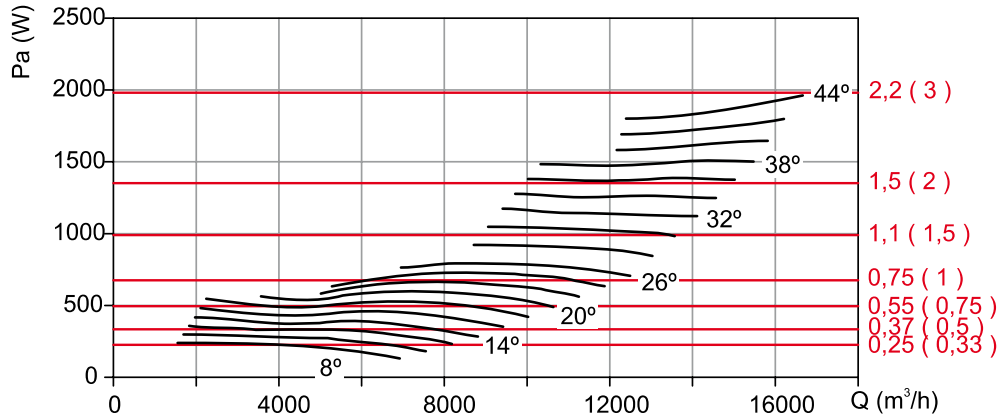
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 56 Number of poles: 4 Number of blades: 6



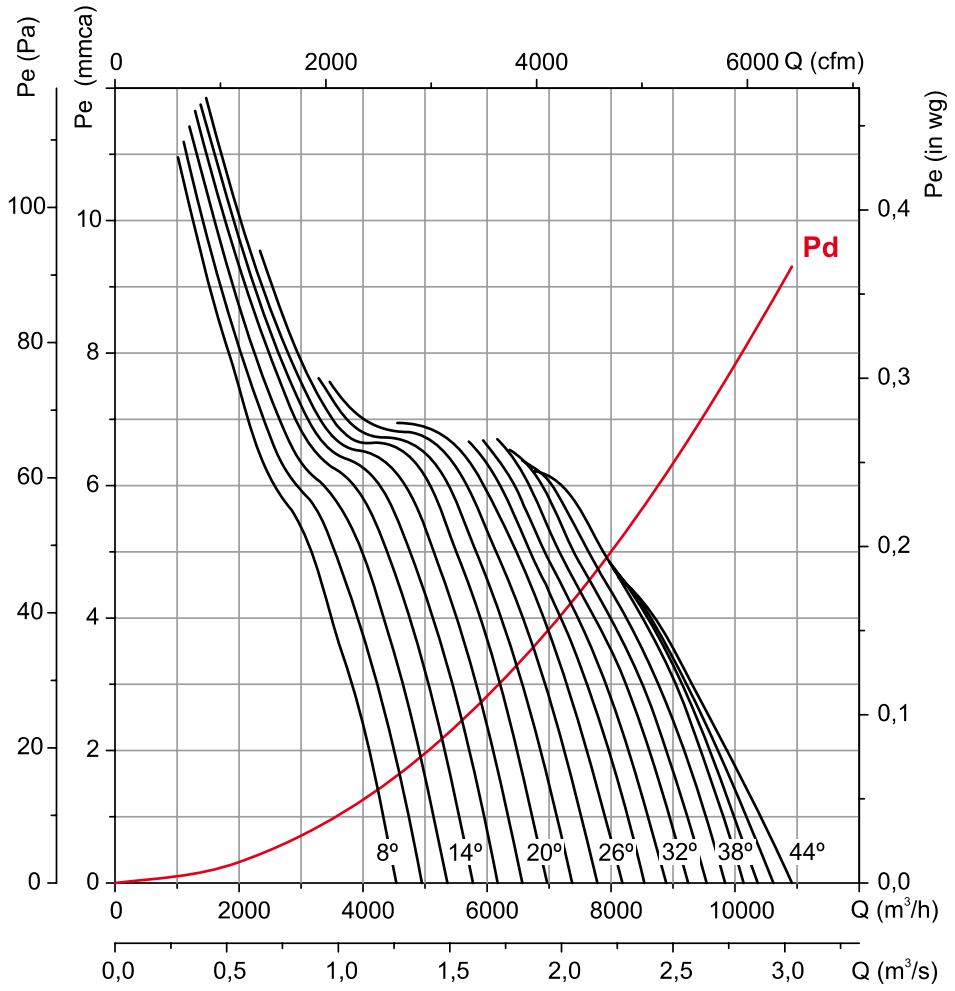
Absorbed power **Recommended motor power kW (CV)**

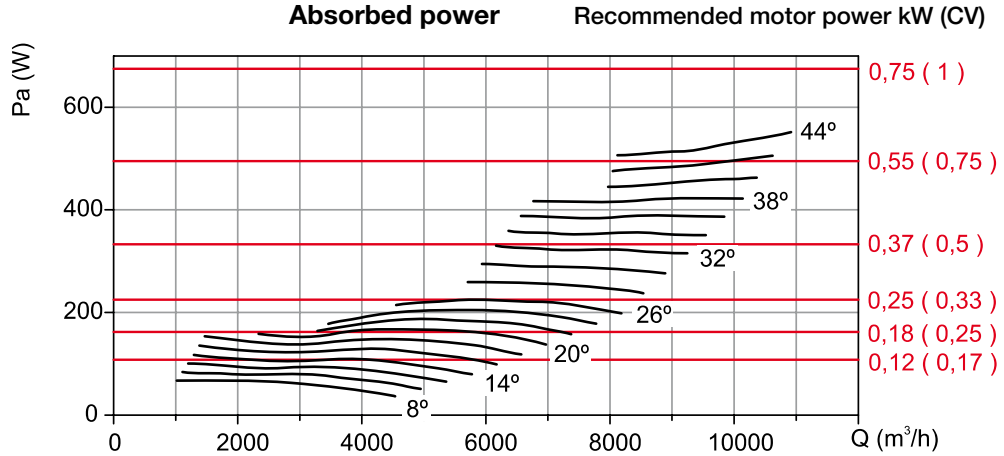


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 56 Number of poles: 6 Number of blades: 6

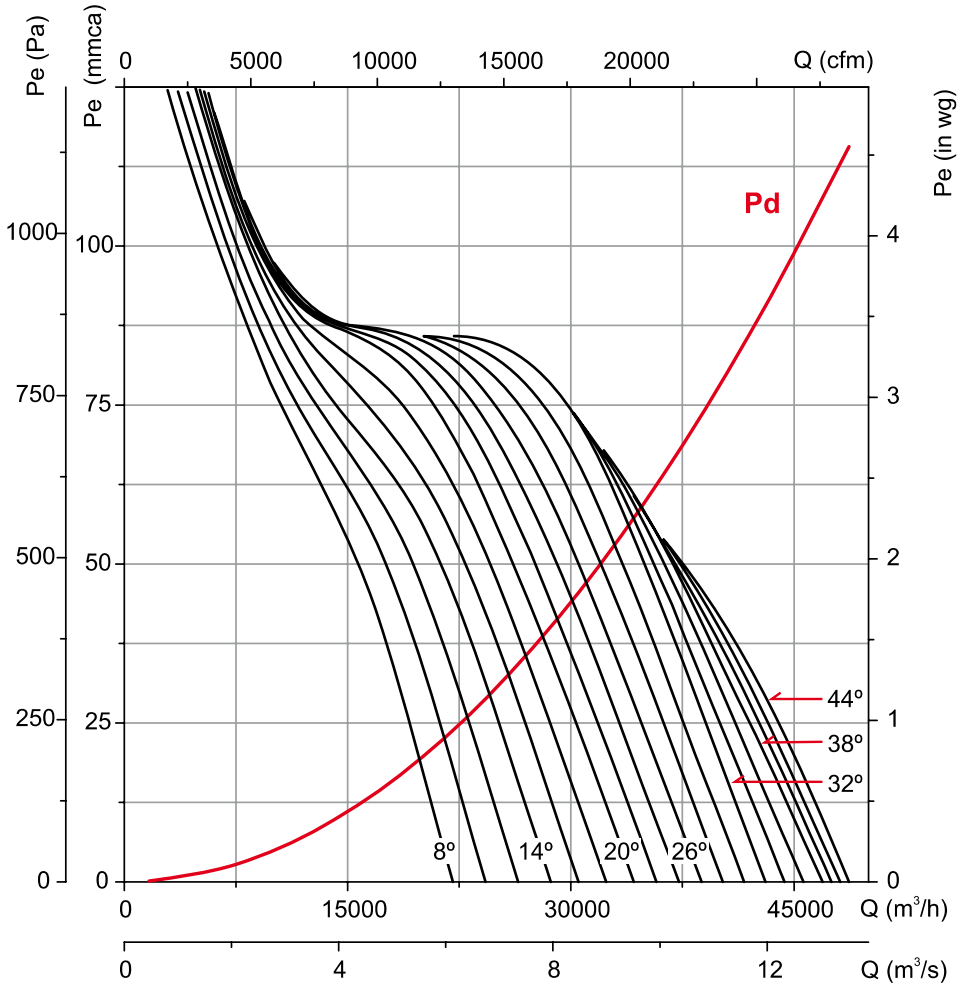




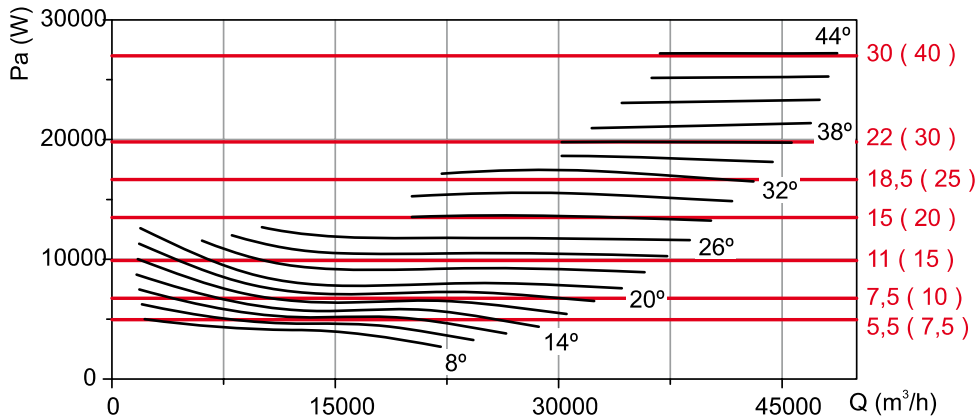
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 63 Number of poles: 2 Number of blades: 6



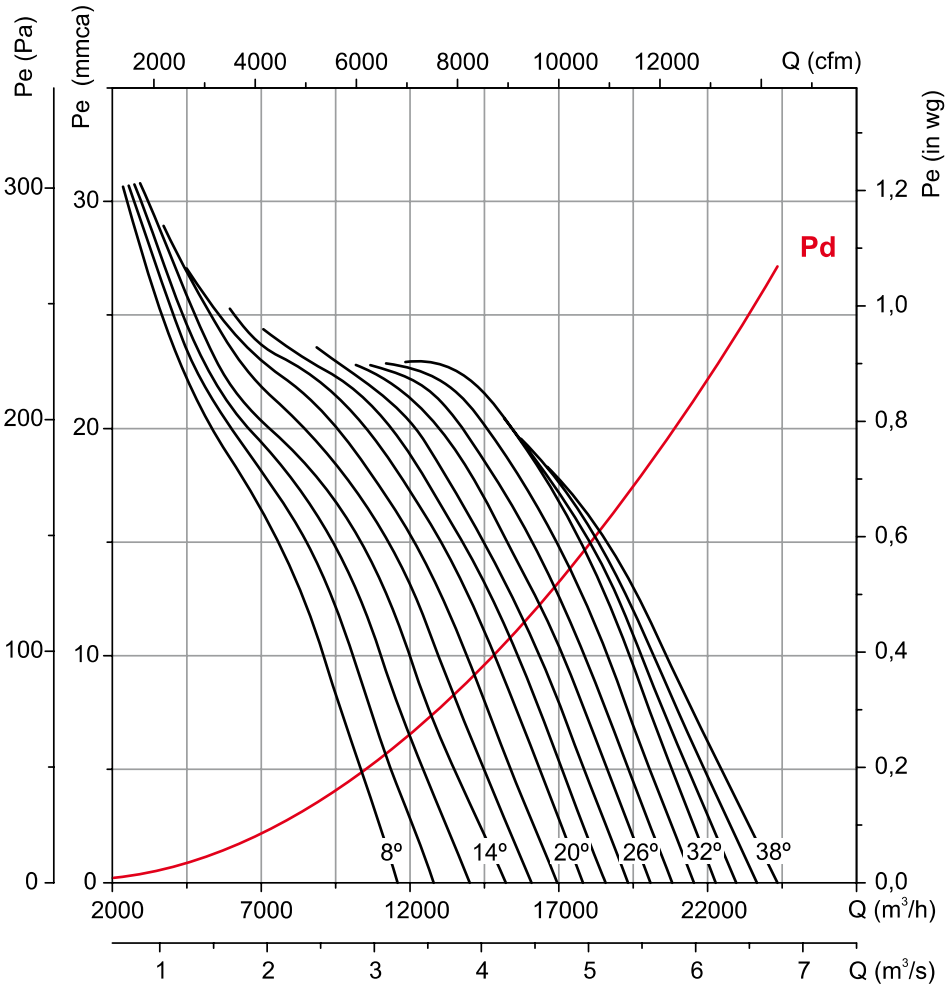
Absorbed power **Recommended motor power kW (CV)**



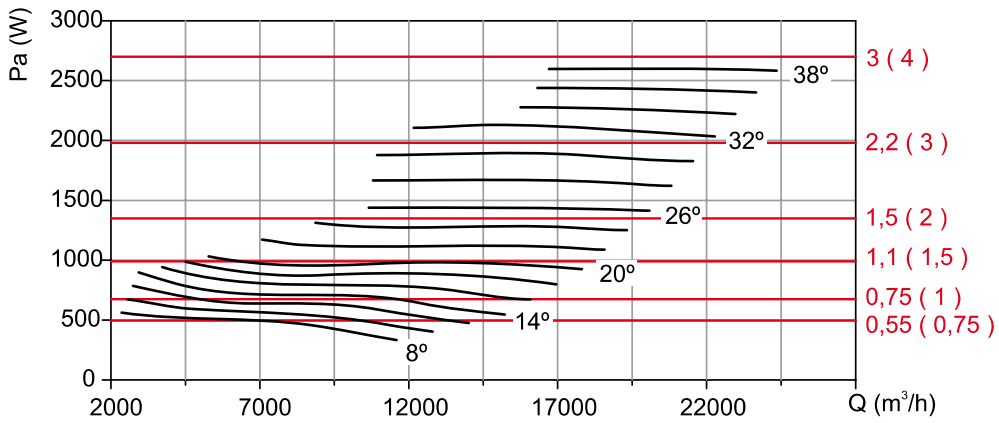
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 63 Number of poles: 4 Number of blades: 6



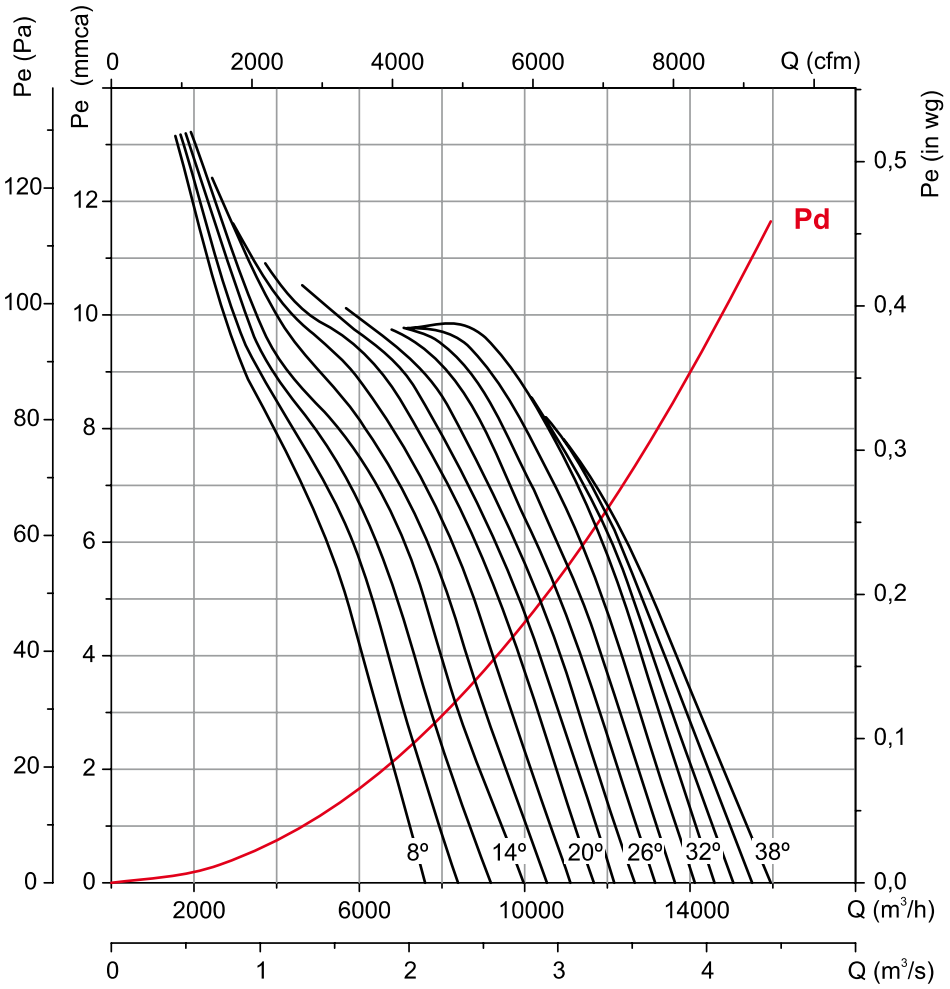
Absorbed power **Recommended motor power kW (CV)**

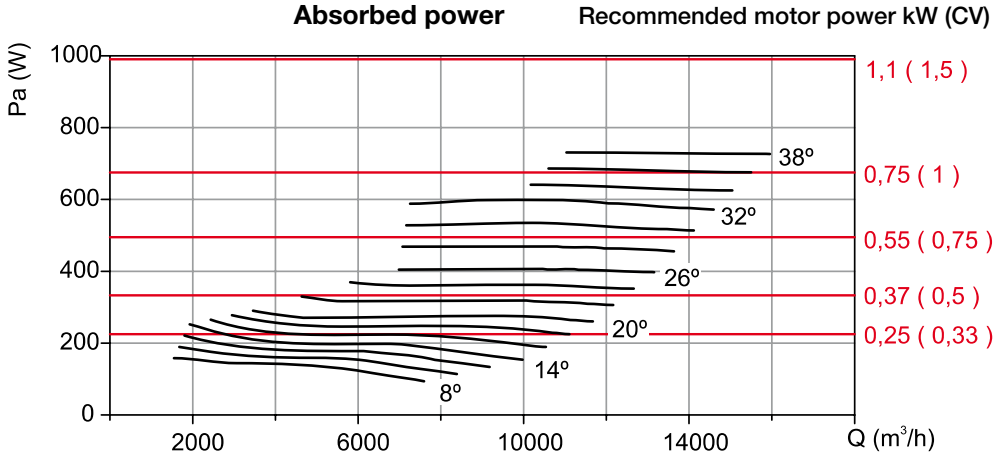


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 63 Number of poles: 6 Number of blades: 6

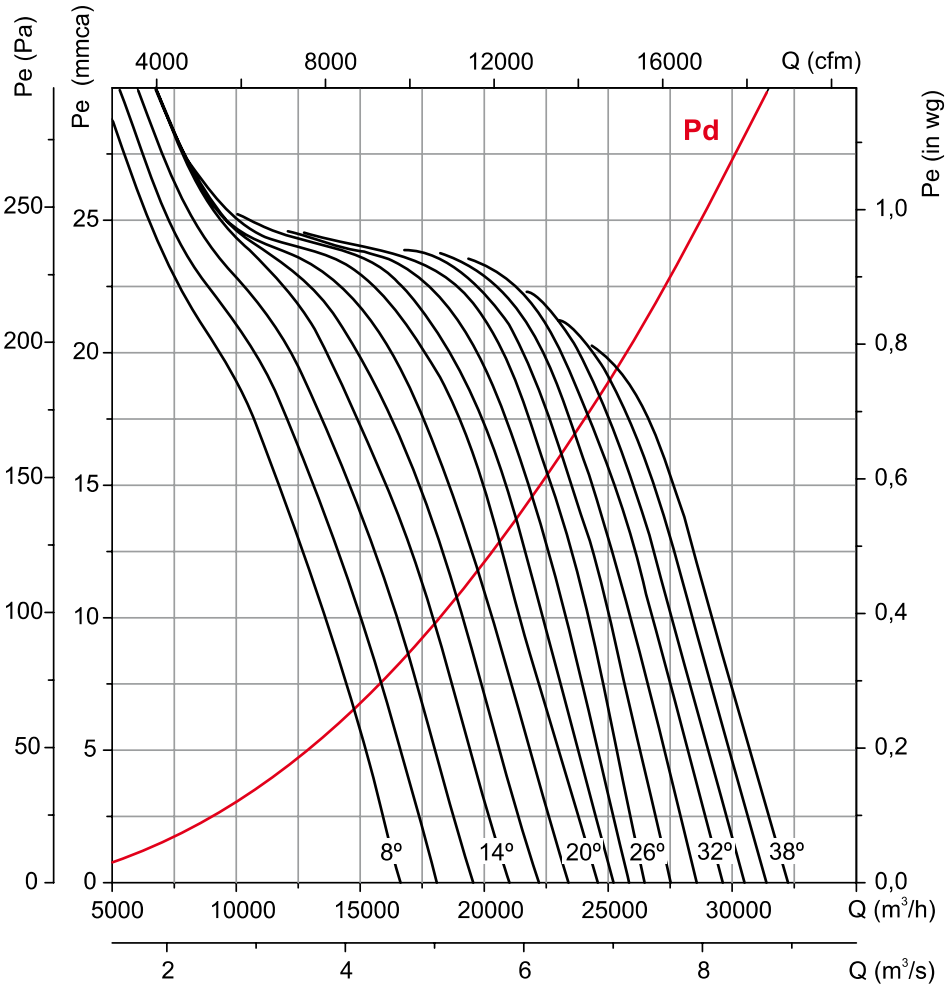


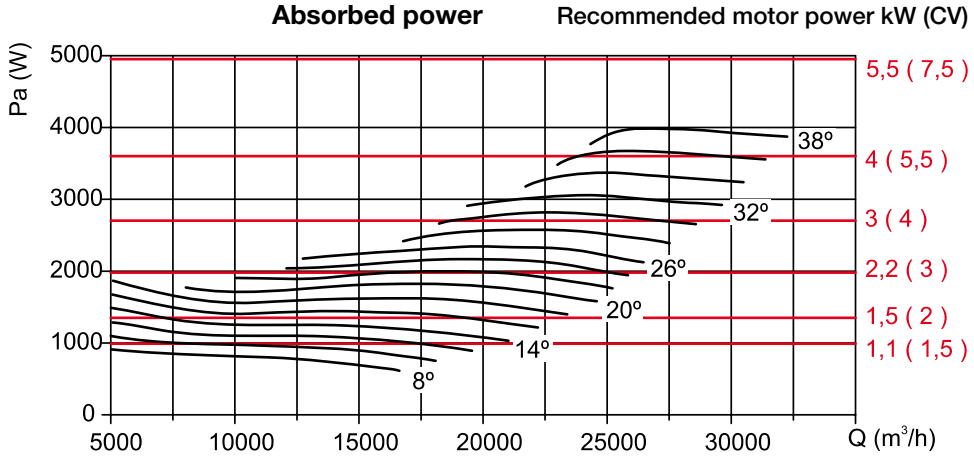


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71 Number of poles: 4 Number of blades: 6

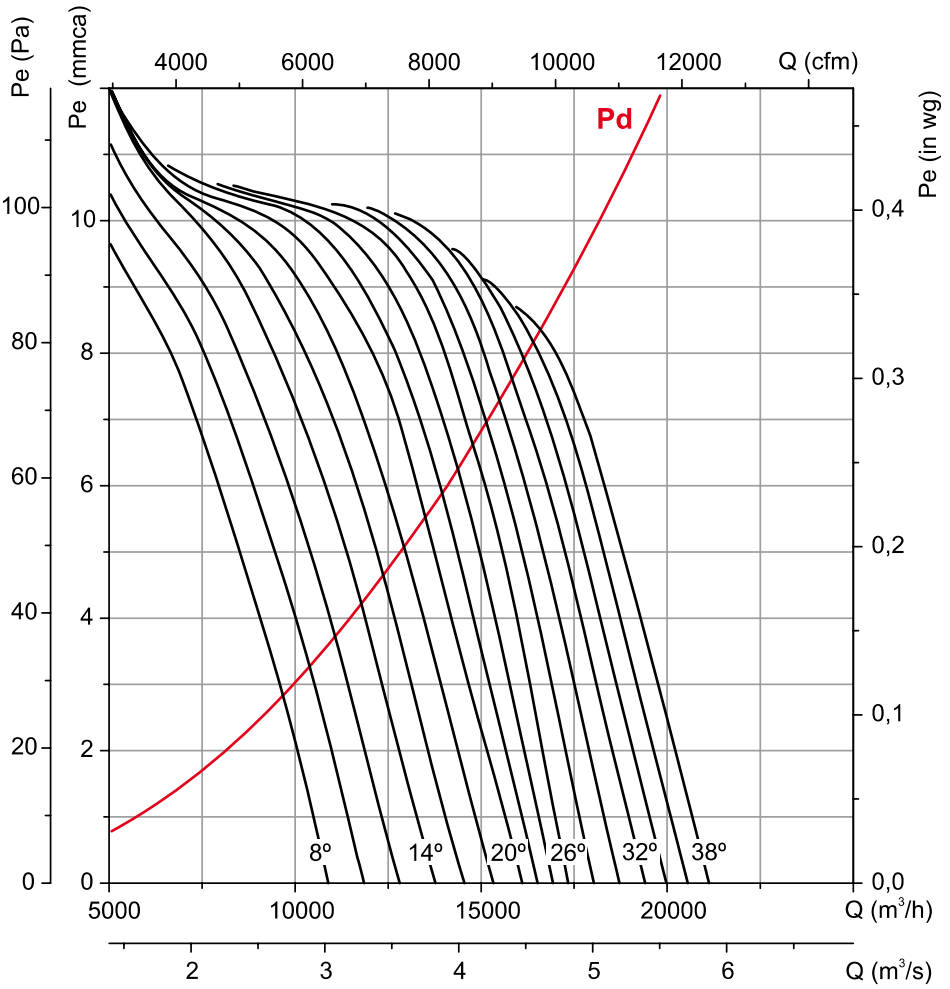


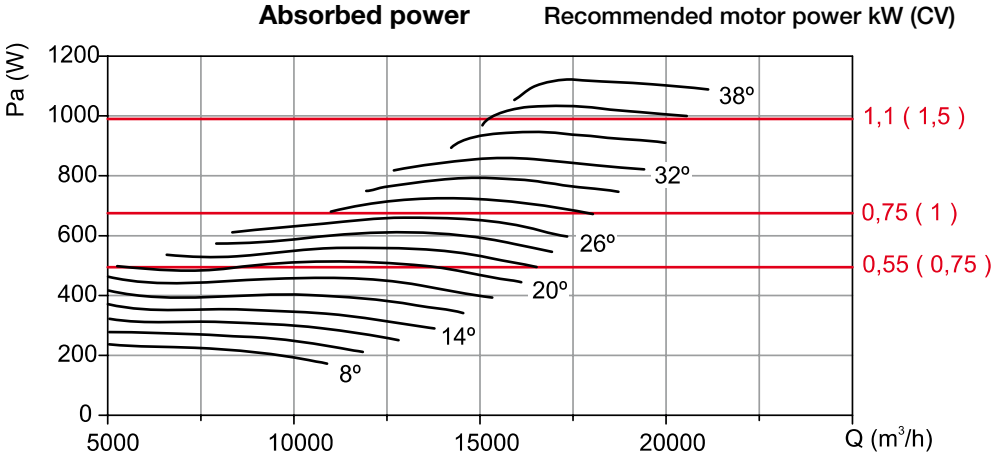


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 71 Number of poles: 6 Number of blades: 6

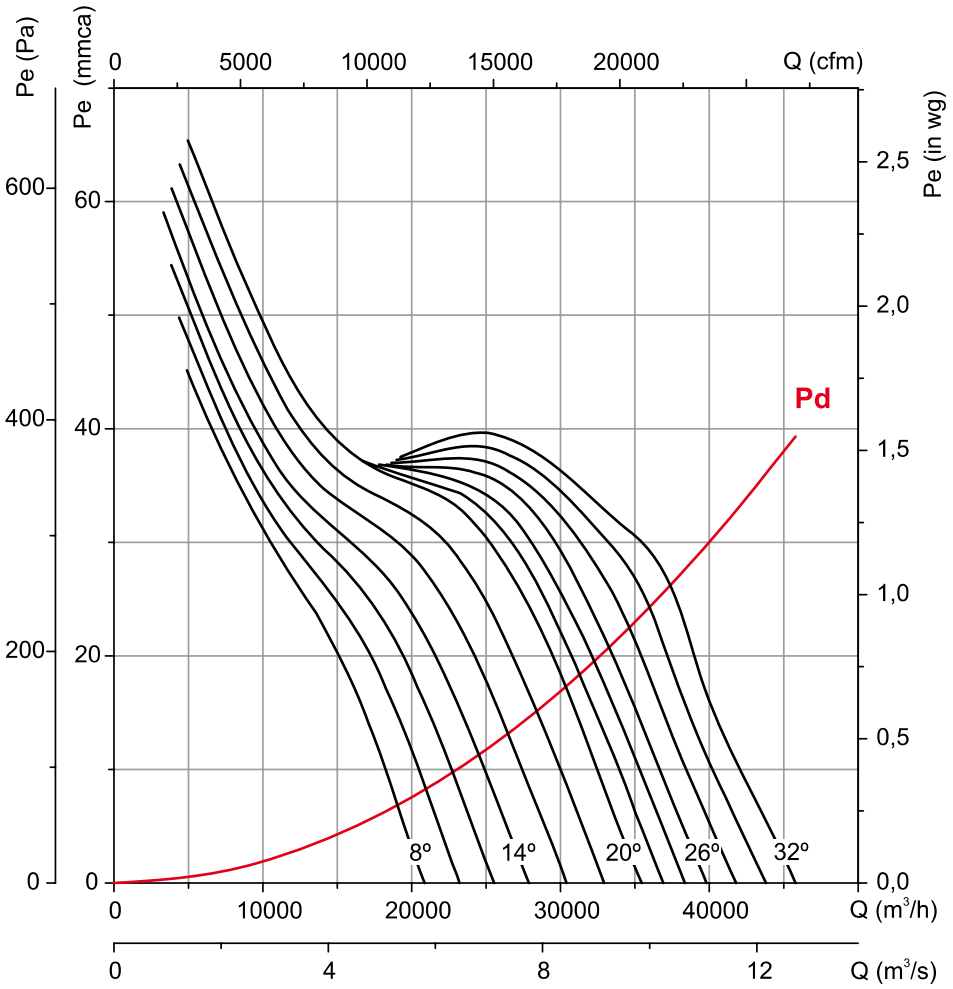


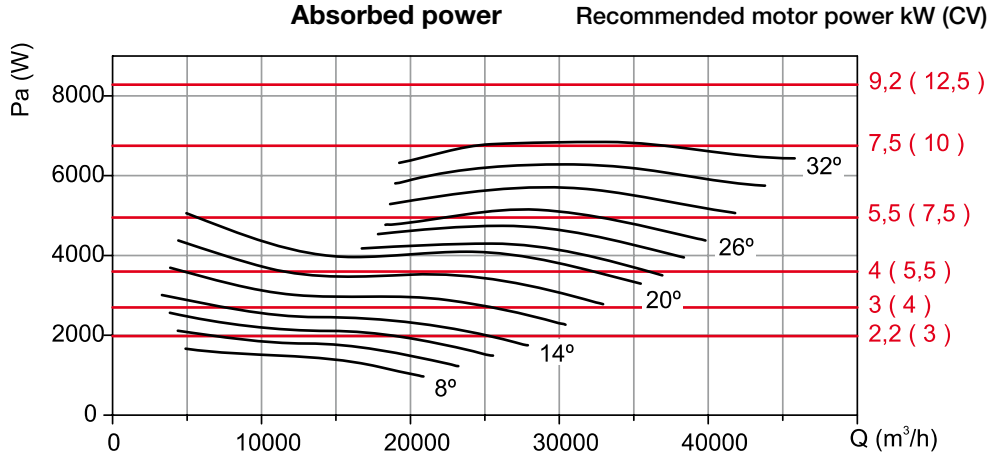


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 80 Number of poles: 4 Number of blades: 6

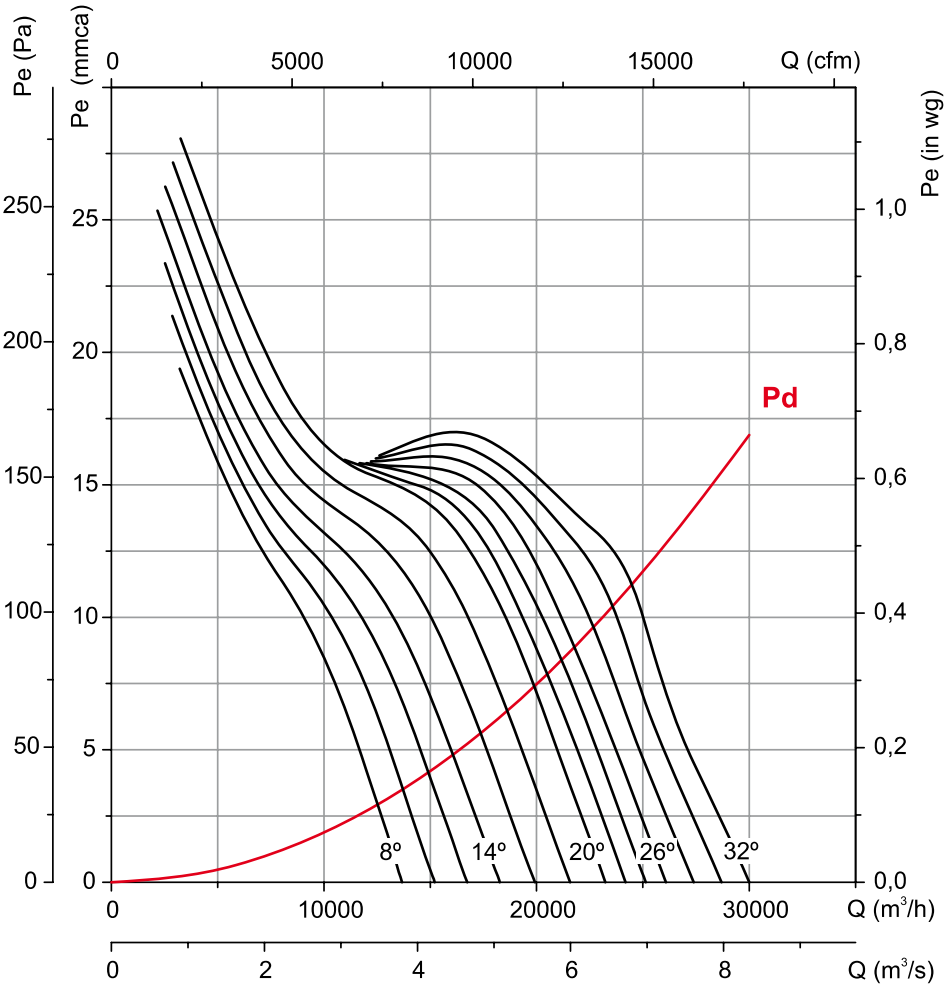




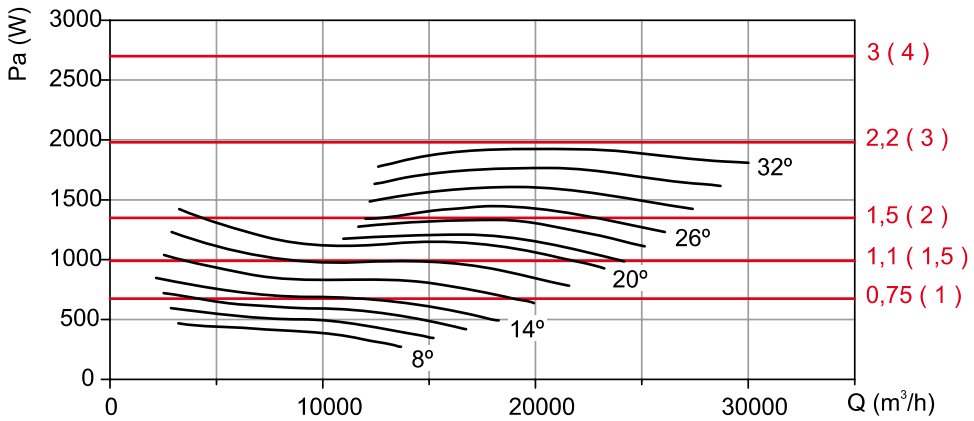
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 80 Number of poles: 6 Number of blades: 6



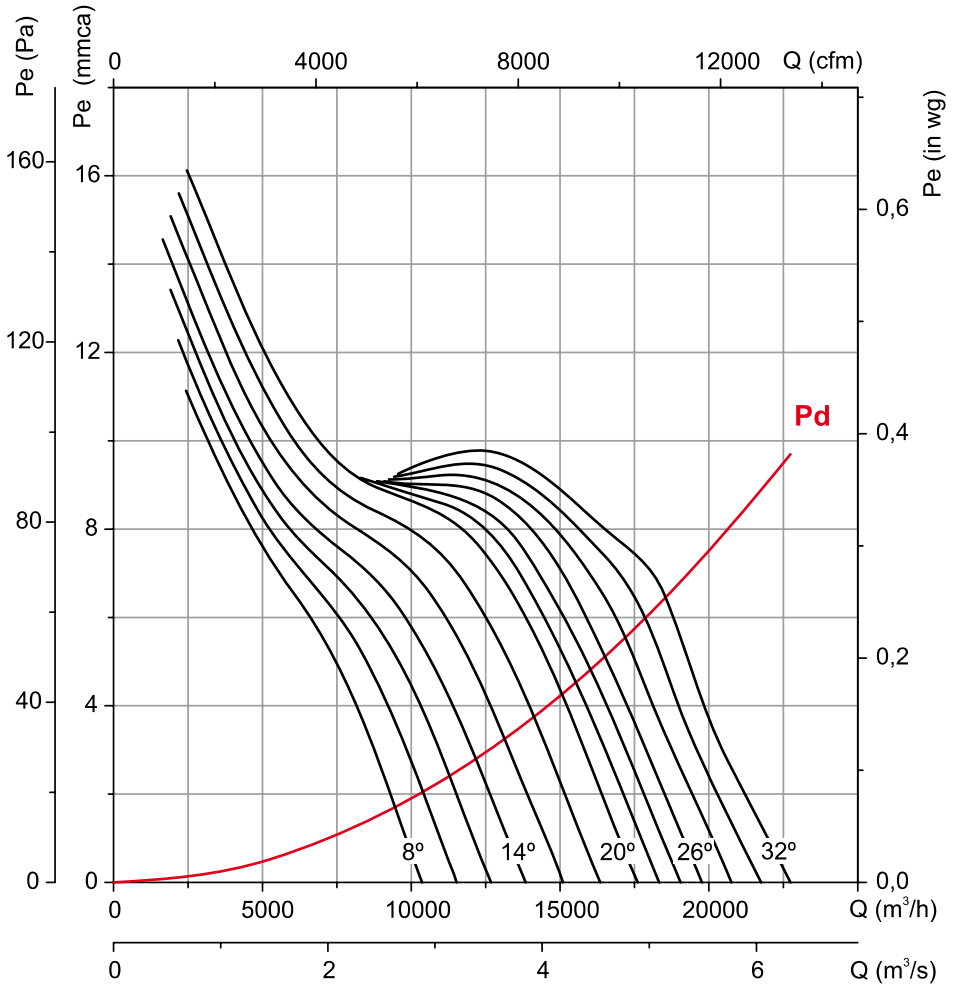
Absorbed power **Recommended motor power kW (CV)**

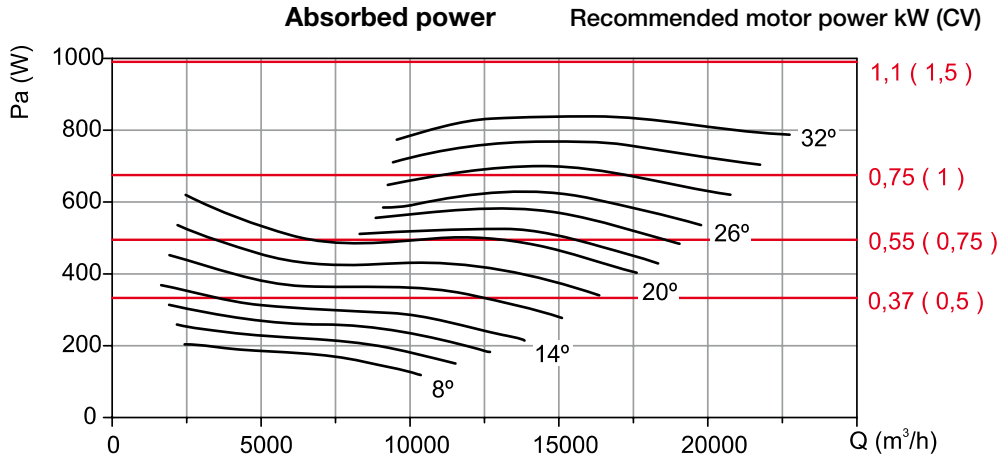


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 80 Number of poles: 8 Number of blades: 6

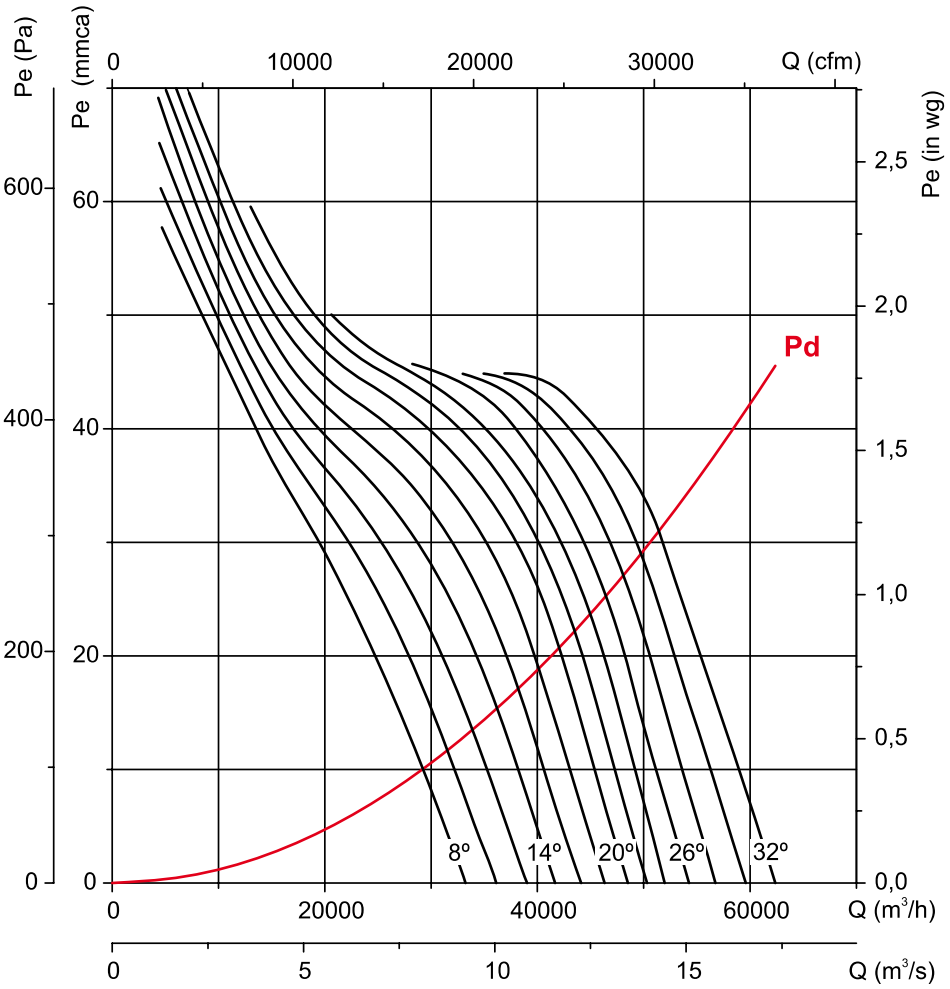


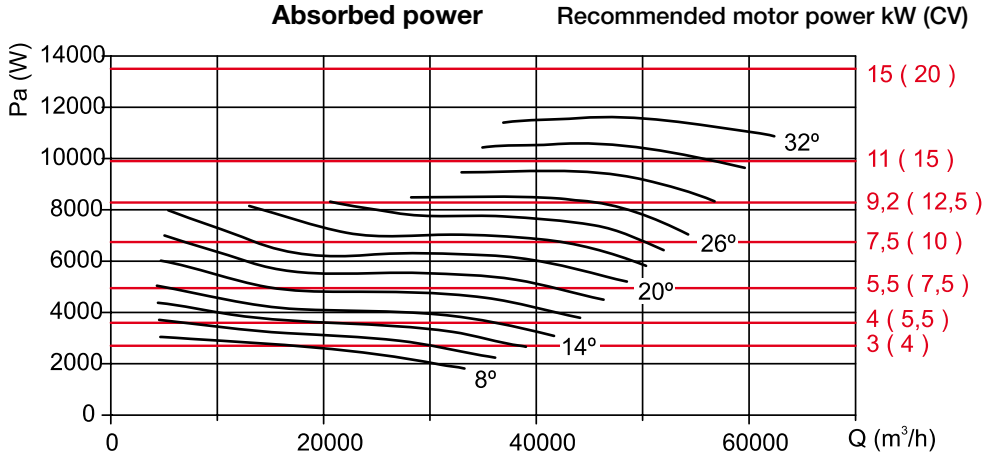


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 90 Number of poles: 4 Number of blades: 6

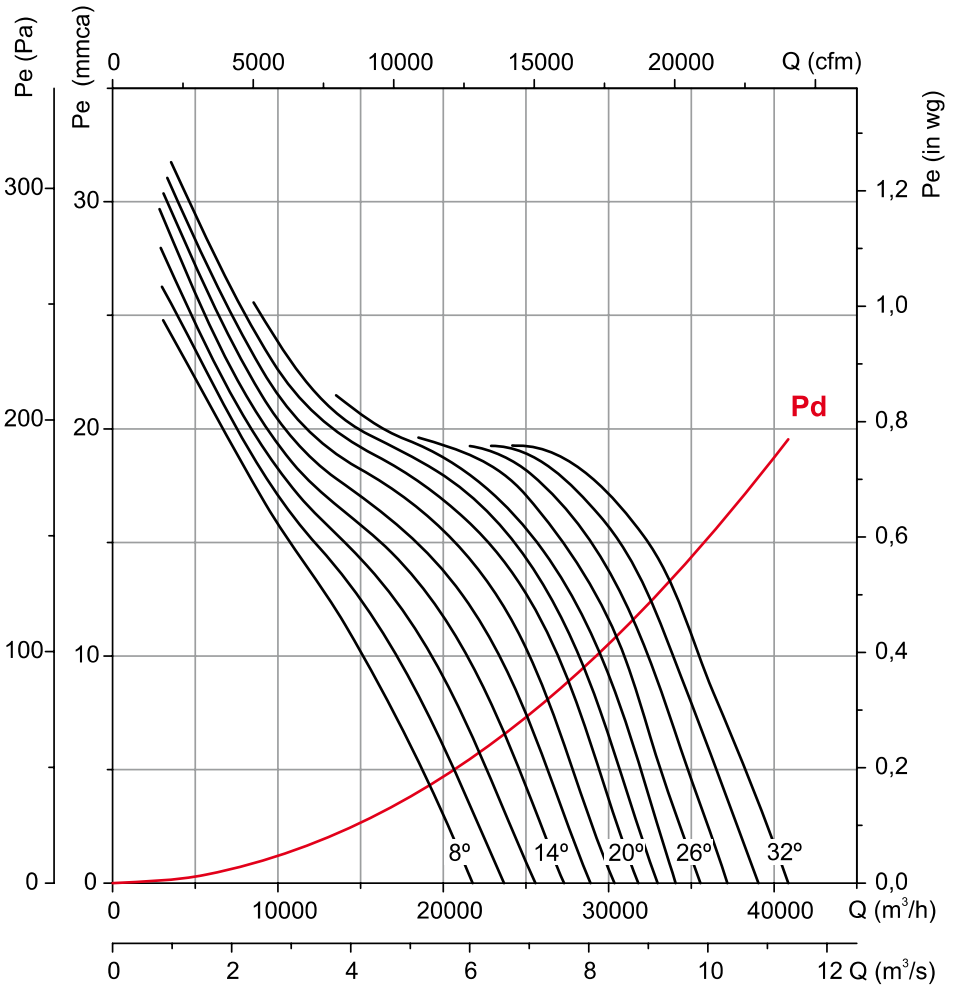


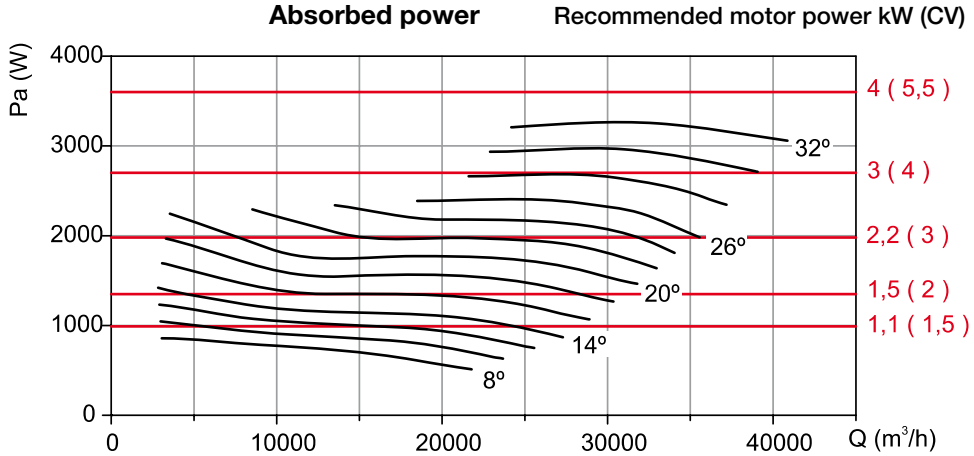


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 90 Number of poles: 6 Number of blades: 6

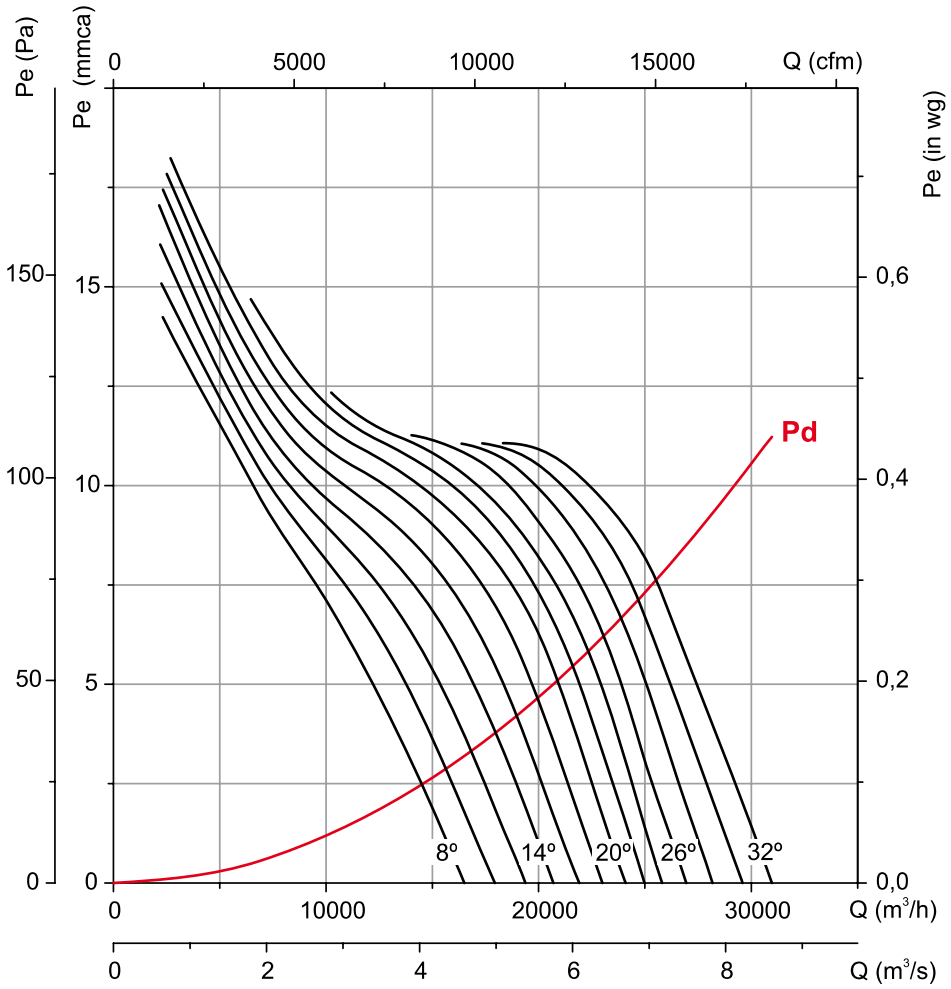


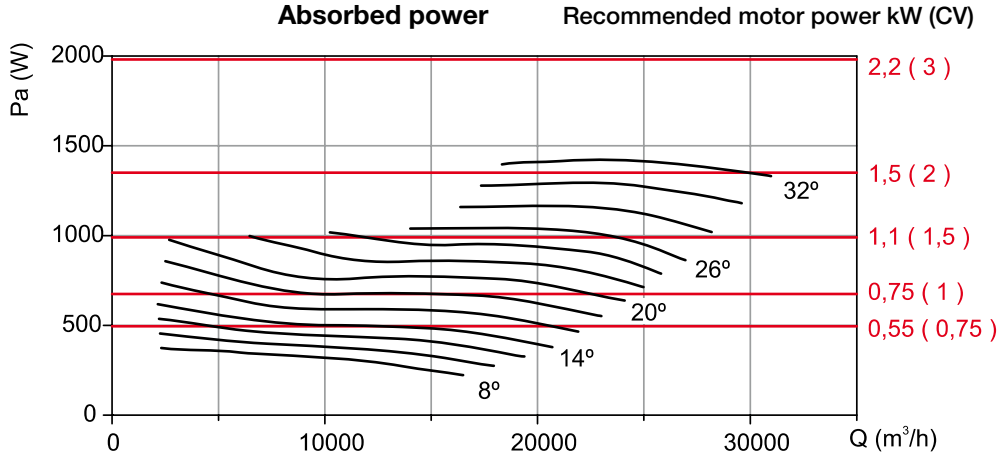


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 90 Number of poles: 8 Number of blades: 6

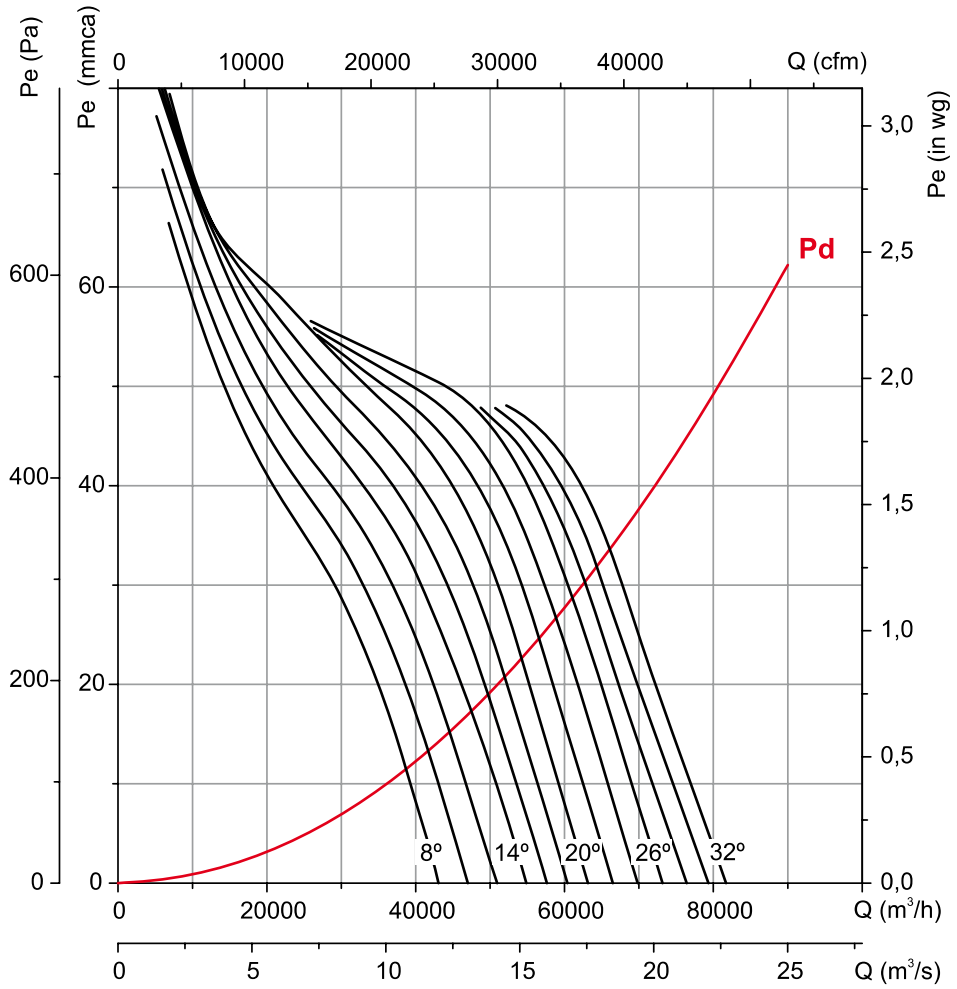


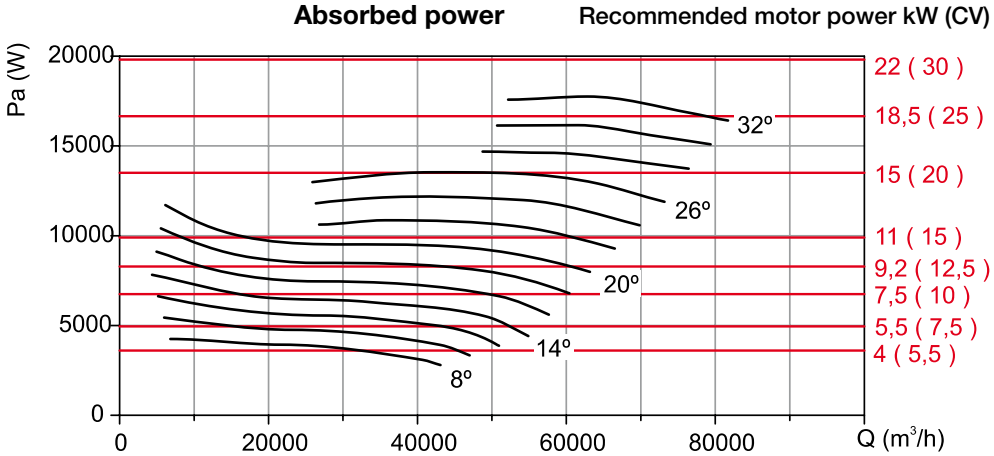


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100 Number of poles: 4 Number of blades: 6

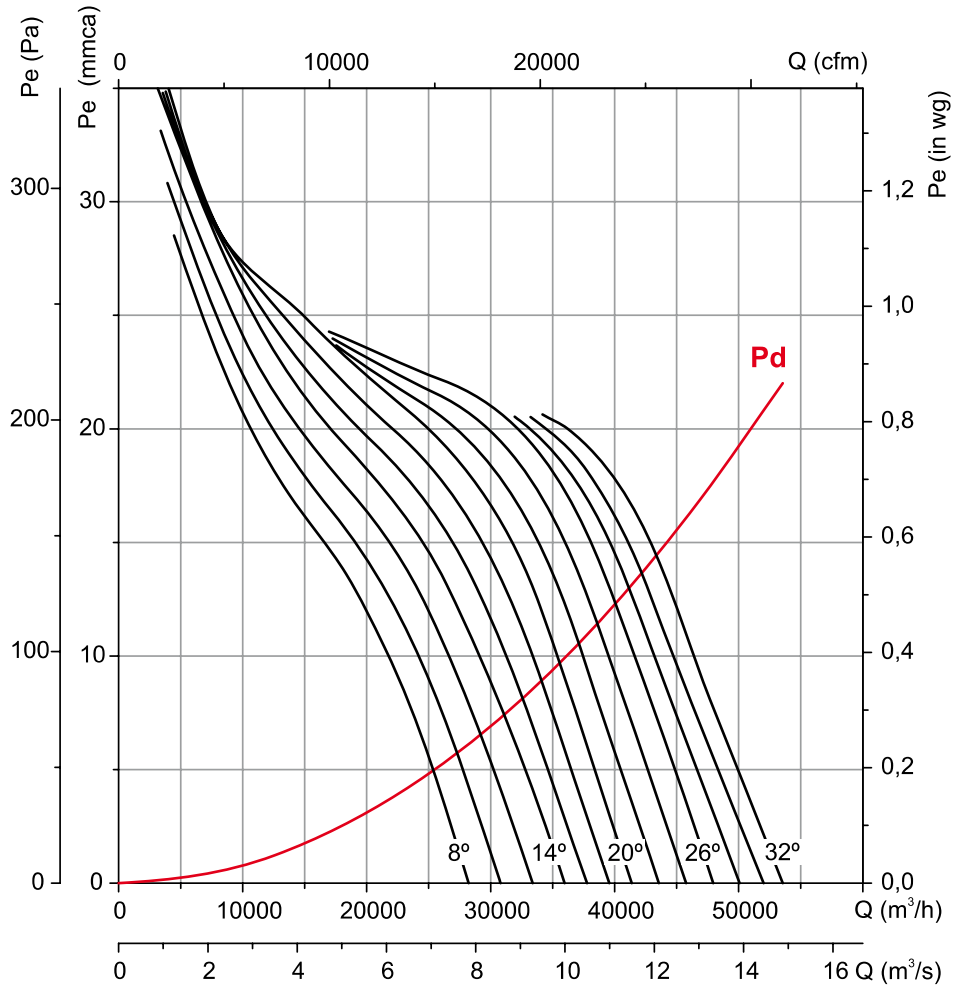


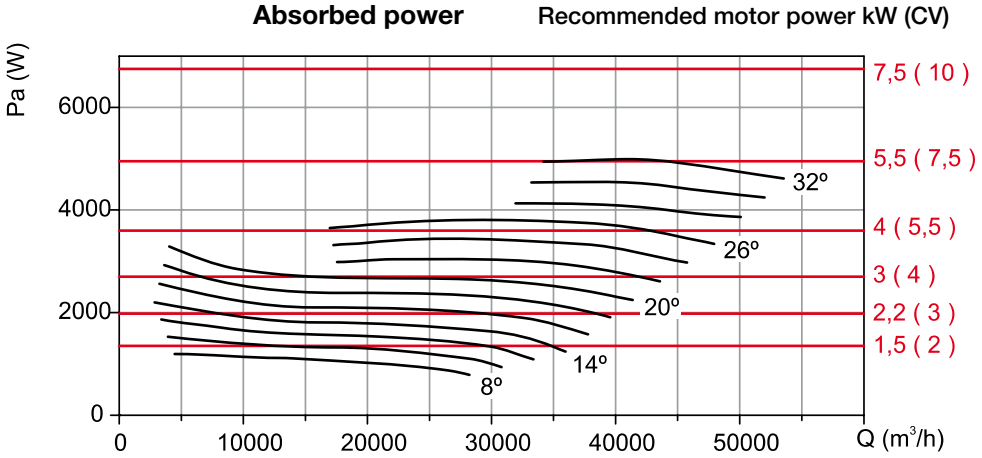


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100 Number of poles: 6 Number of blades: 6

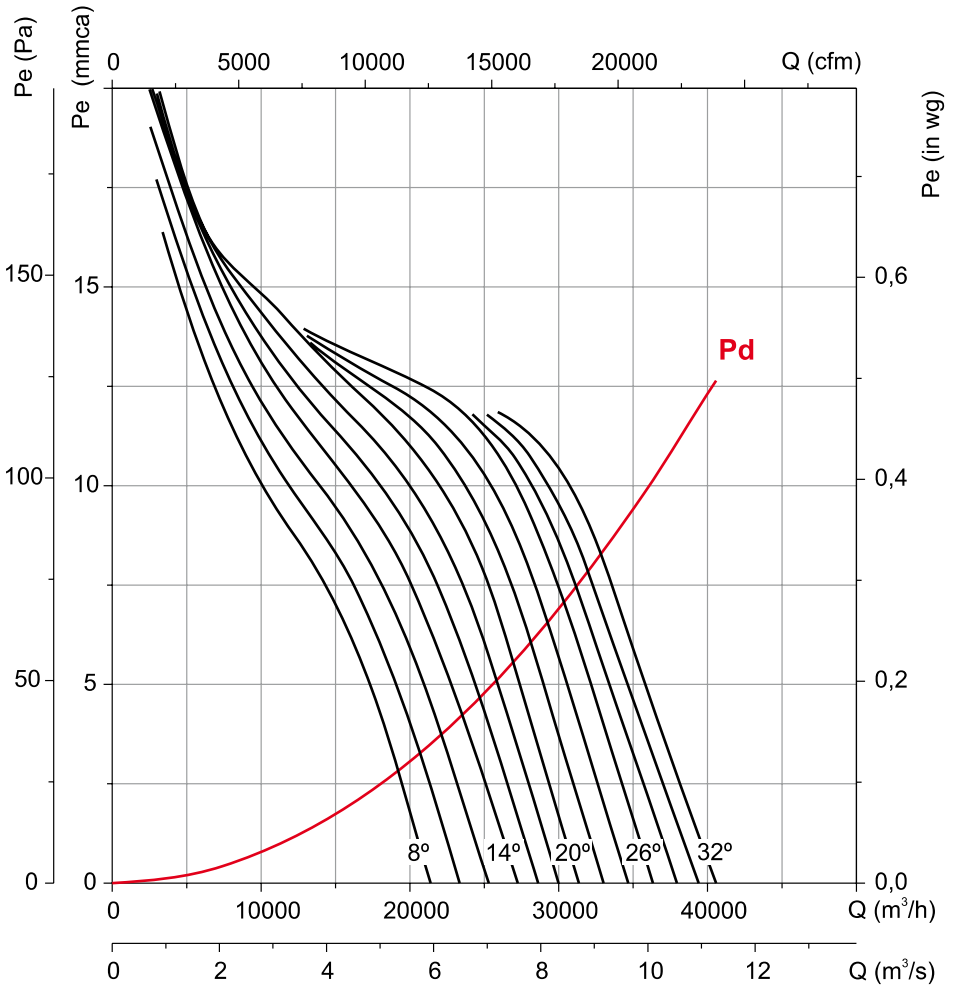


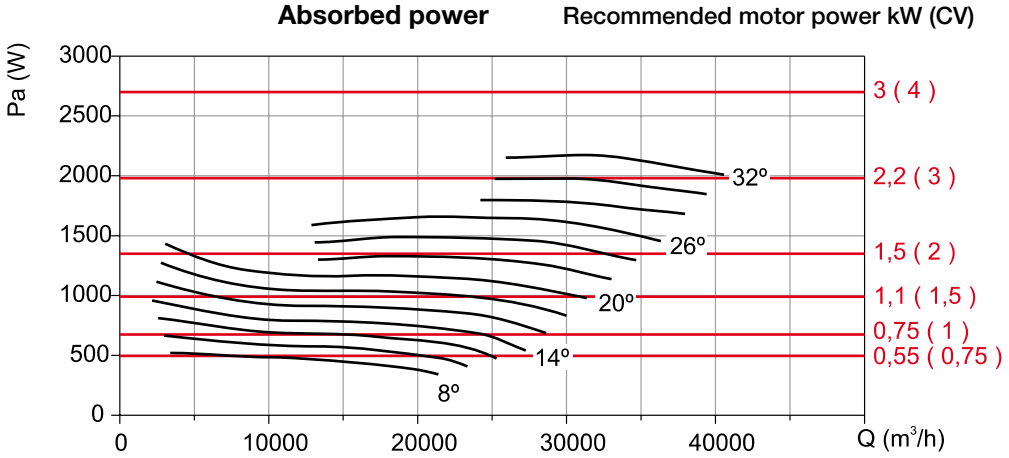


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 100 Number of poles: 8 Number of blades: 6

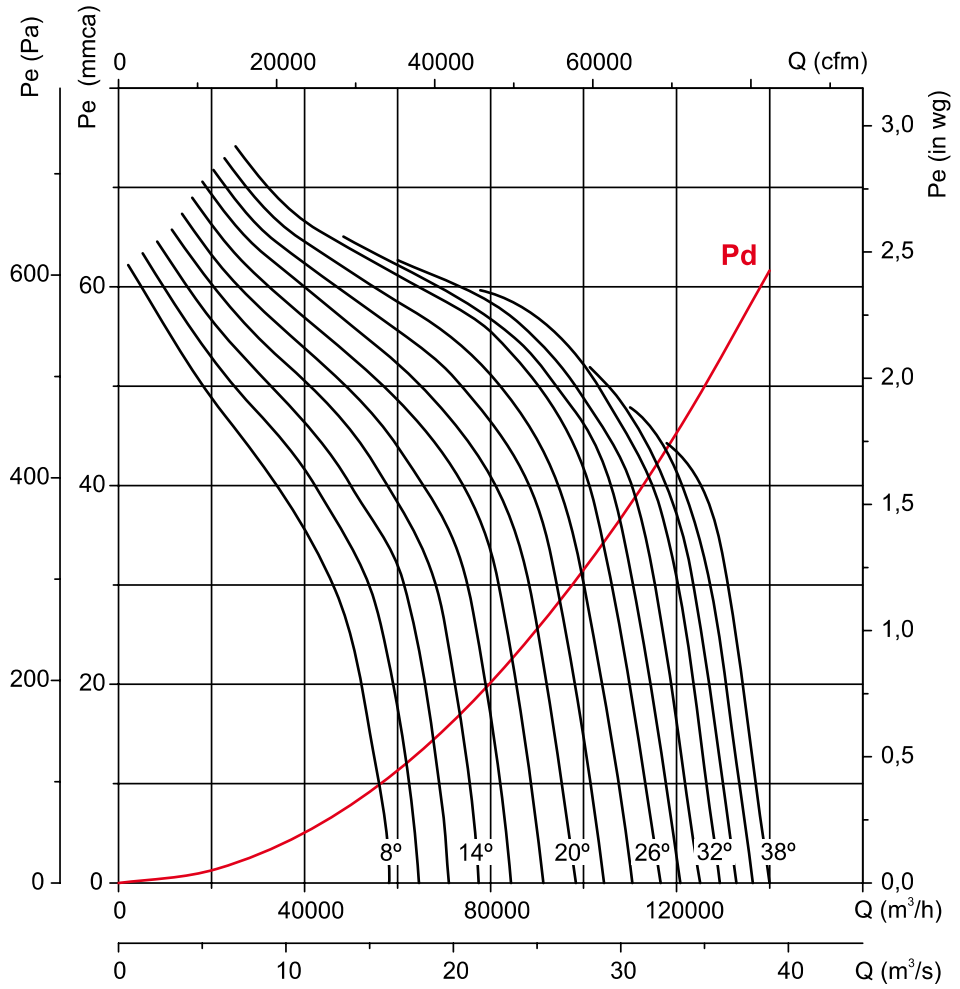


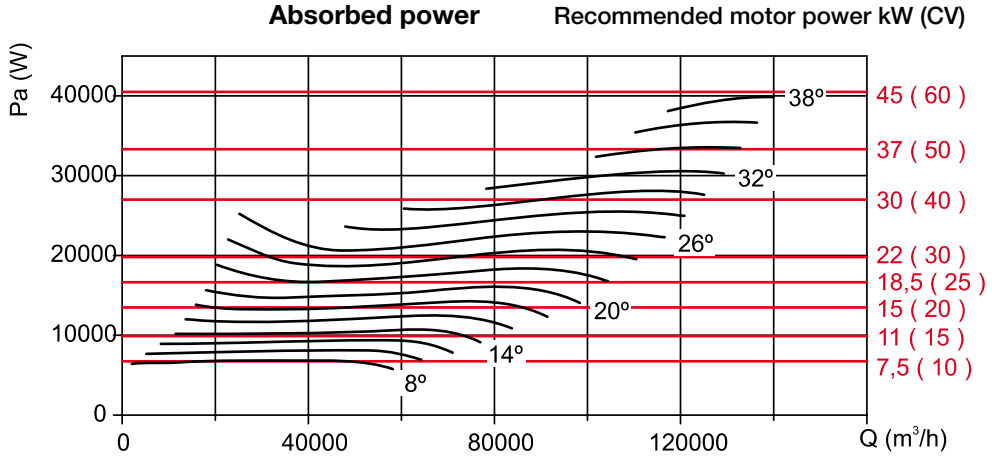


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 4 Number of blades: 3

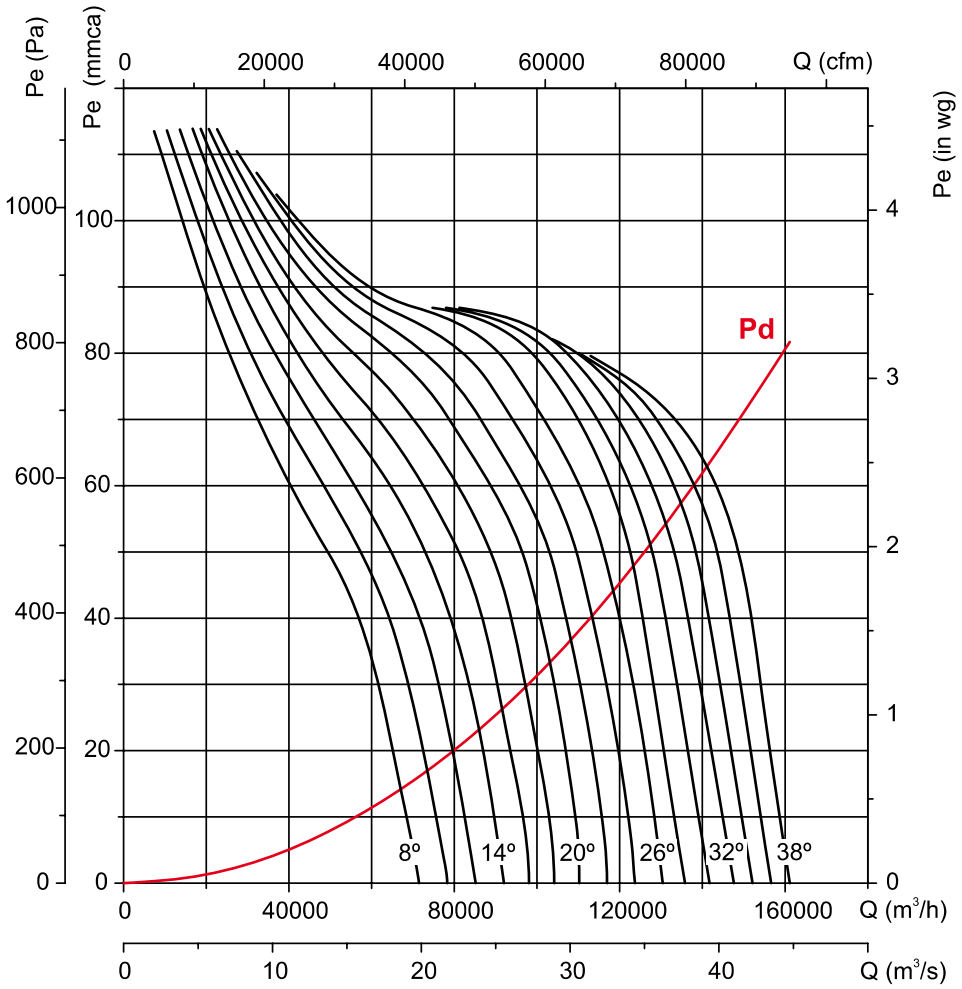




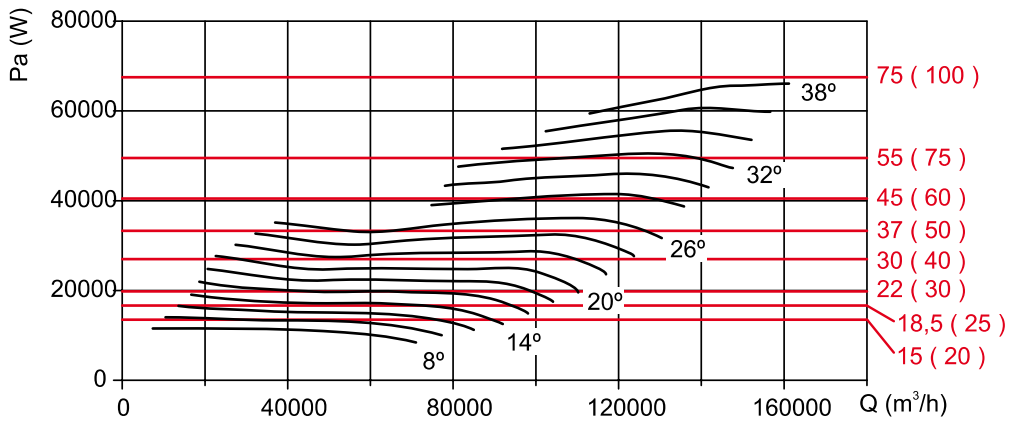
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 4 Number of blades: 6



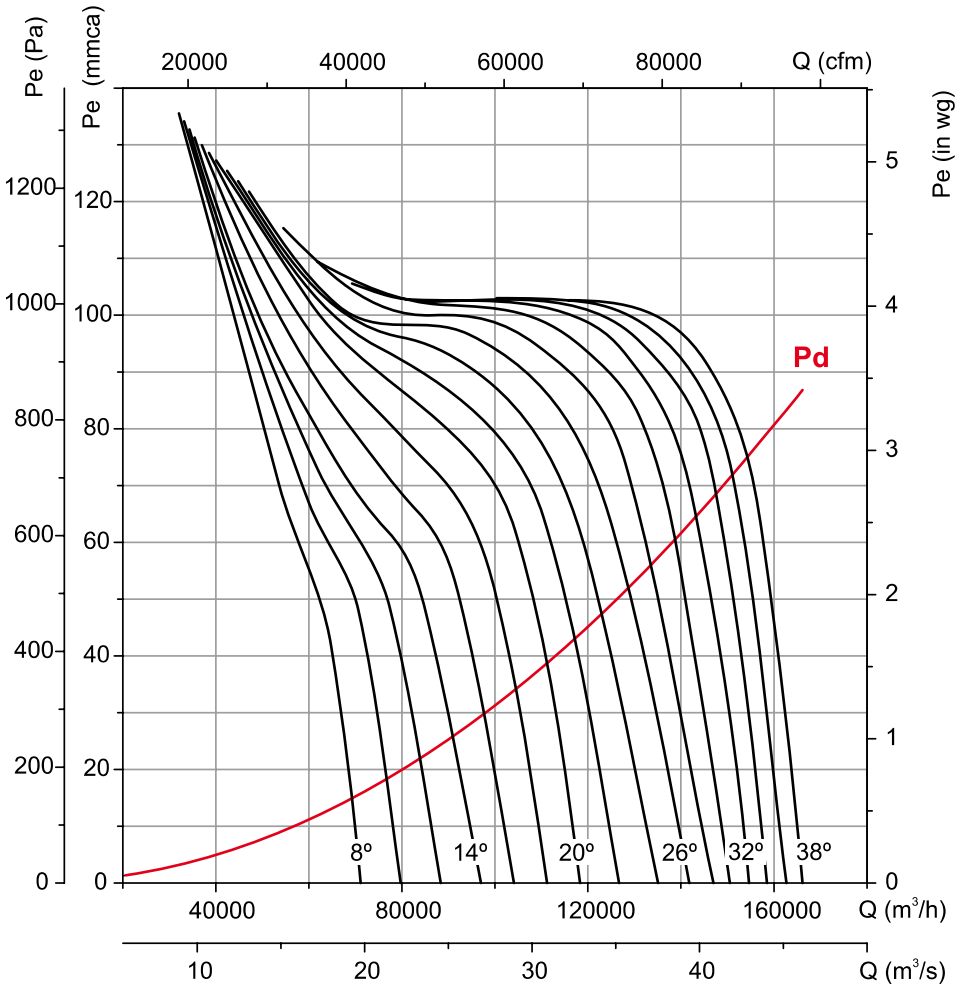
Absorbed power **Recommended motor power kW (CV)**



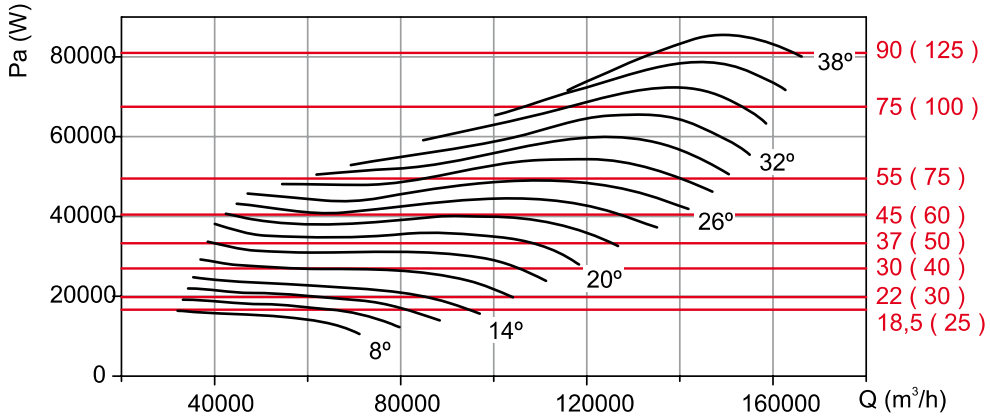
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 4 Number of blades: 9



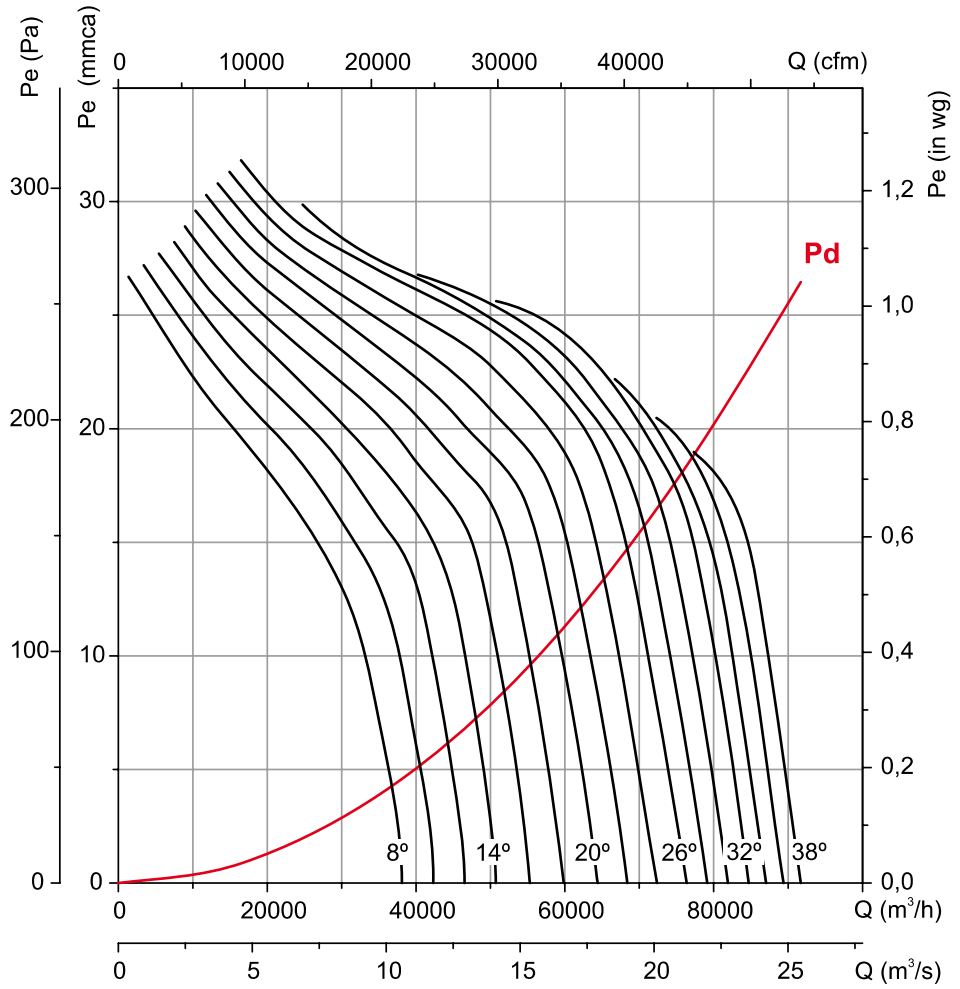
Absorbed power **Recommended motor power kW (CV)**

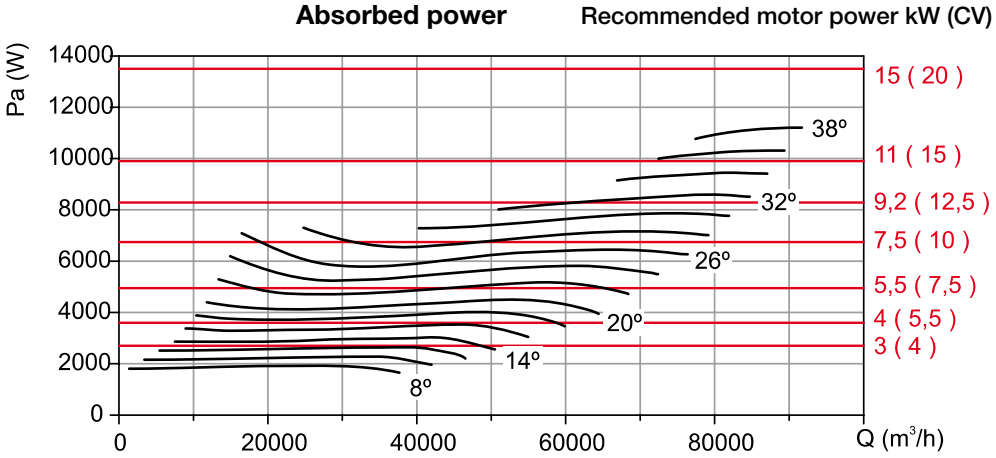


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 6 Number of blades: 3

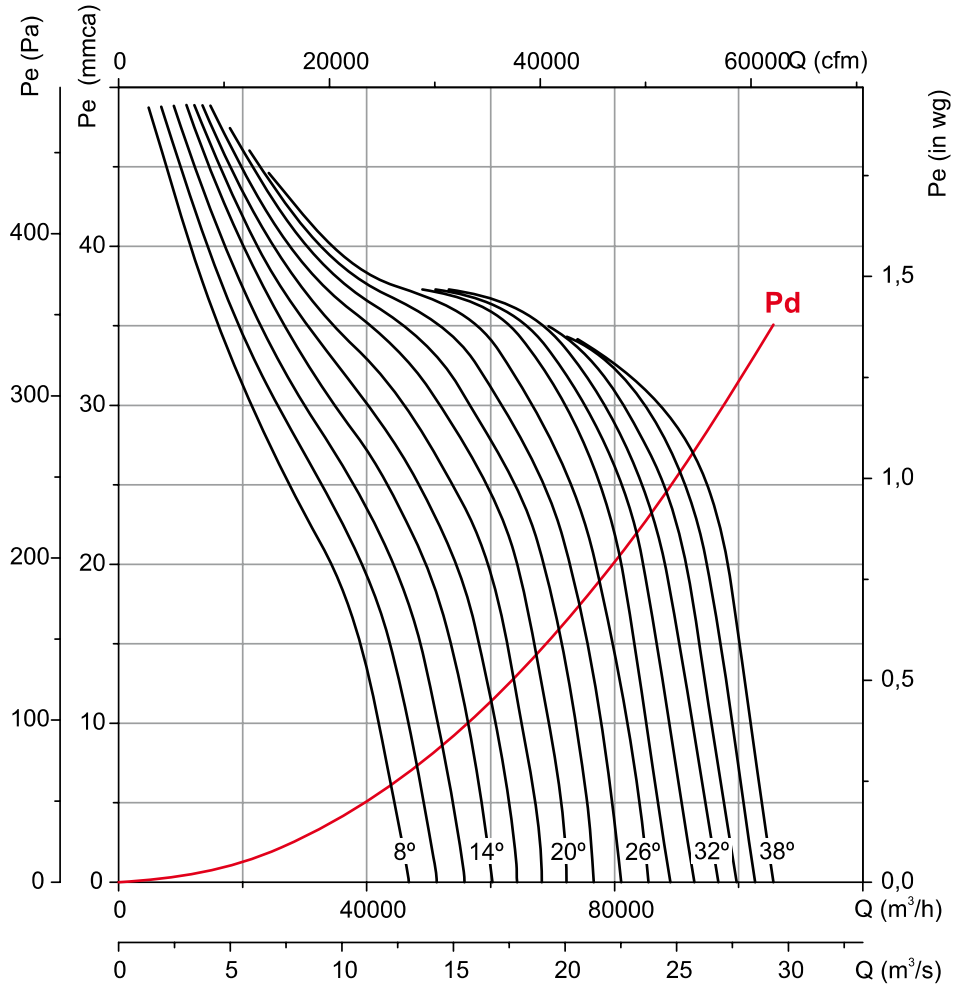


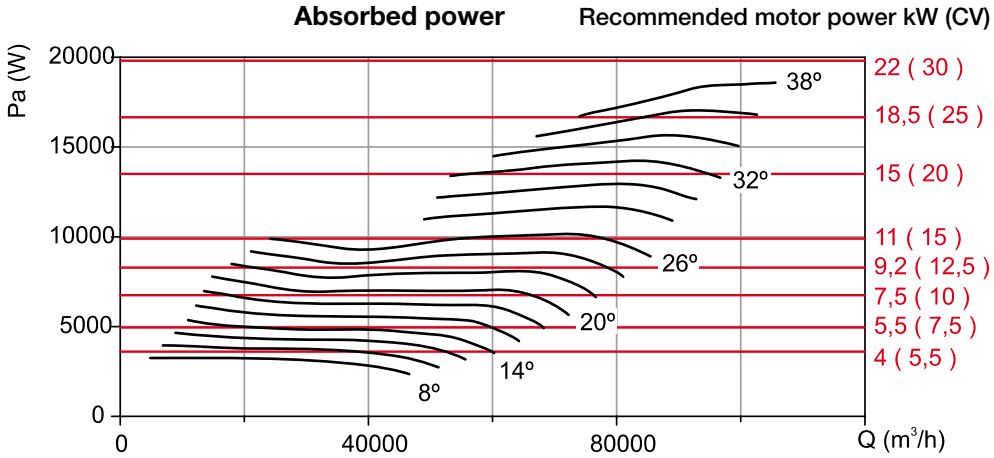


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 6 Number of blades: 6

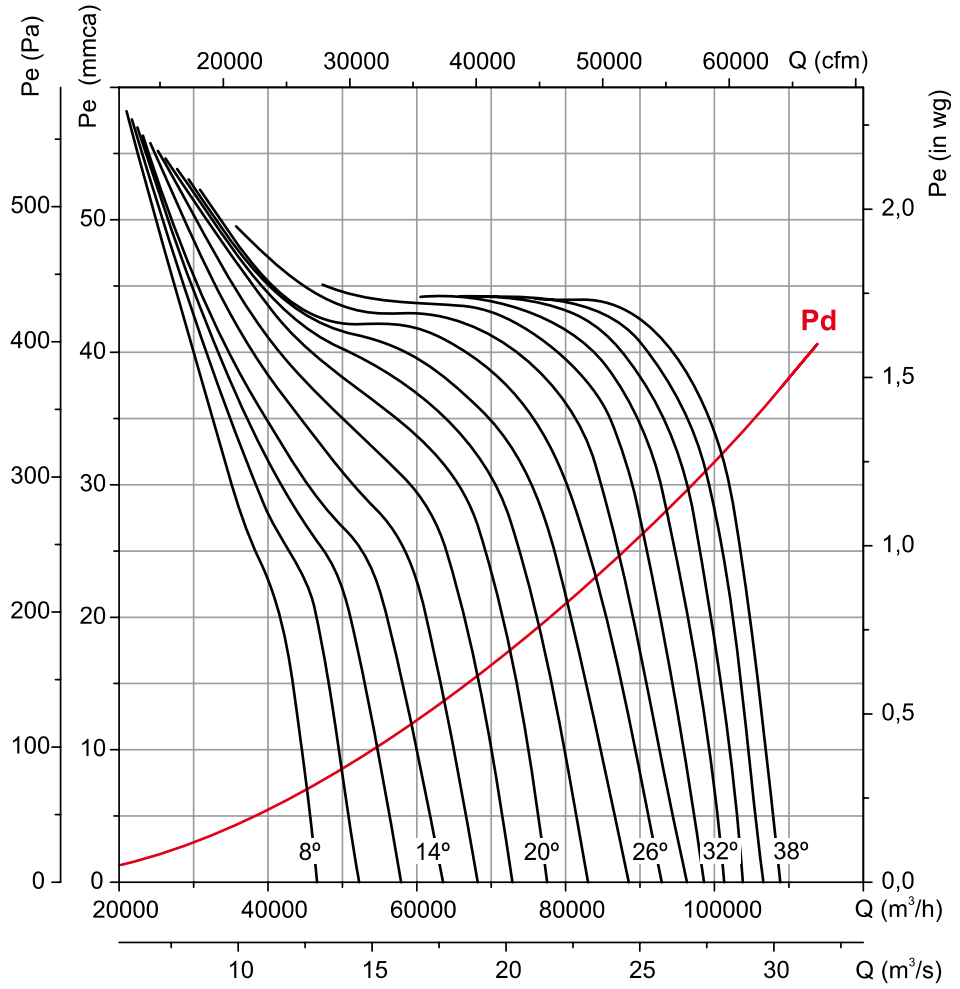




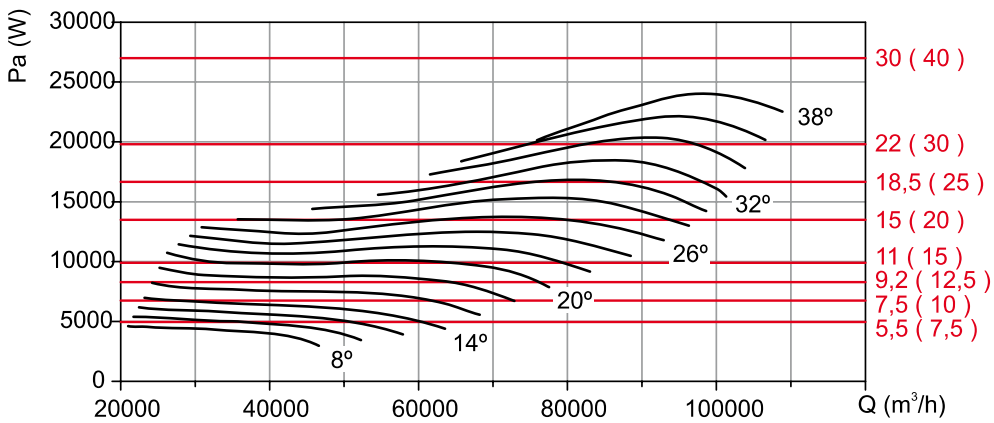
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 125 Number of poles: 6 Number of blades: 9



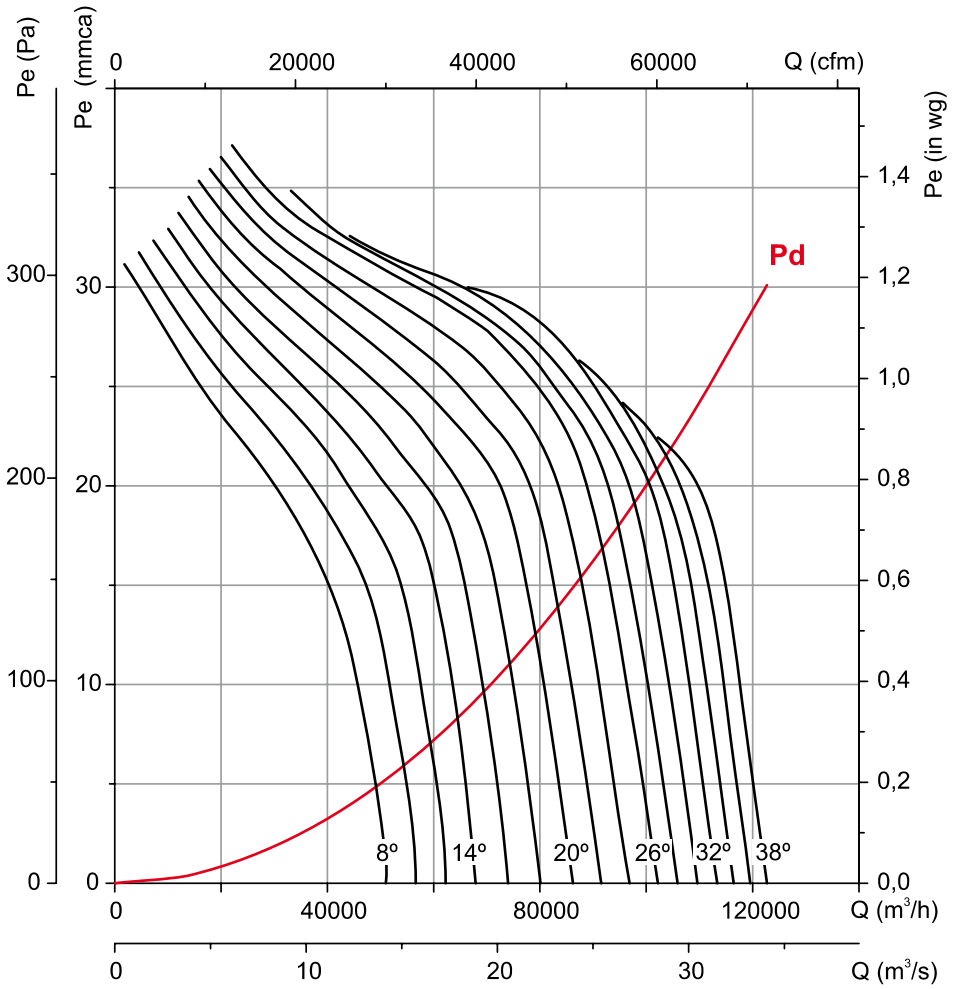
Absorbed power **Recommended motor power kW (CV)**

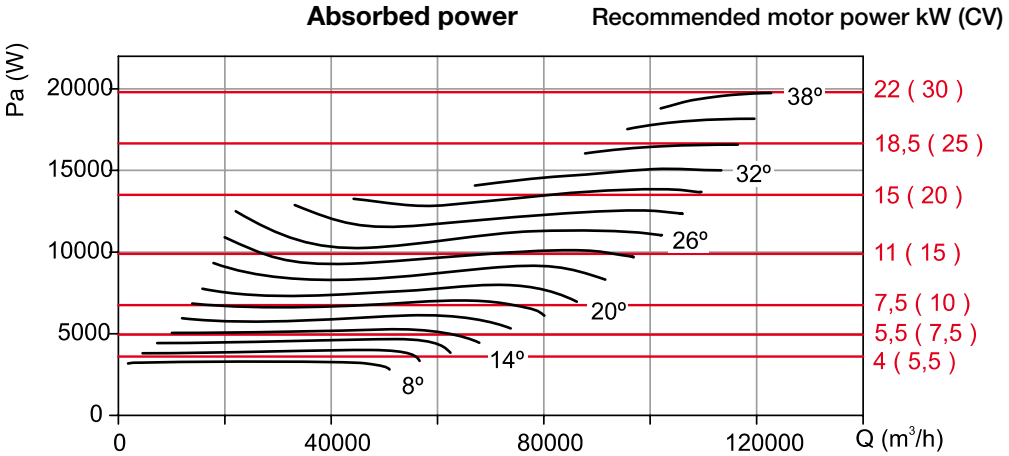


Characteristic curves

Q = Airflow in m³/h, m³/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 6 Number of blades: 3

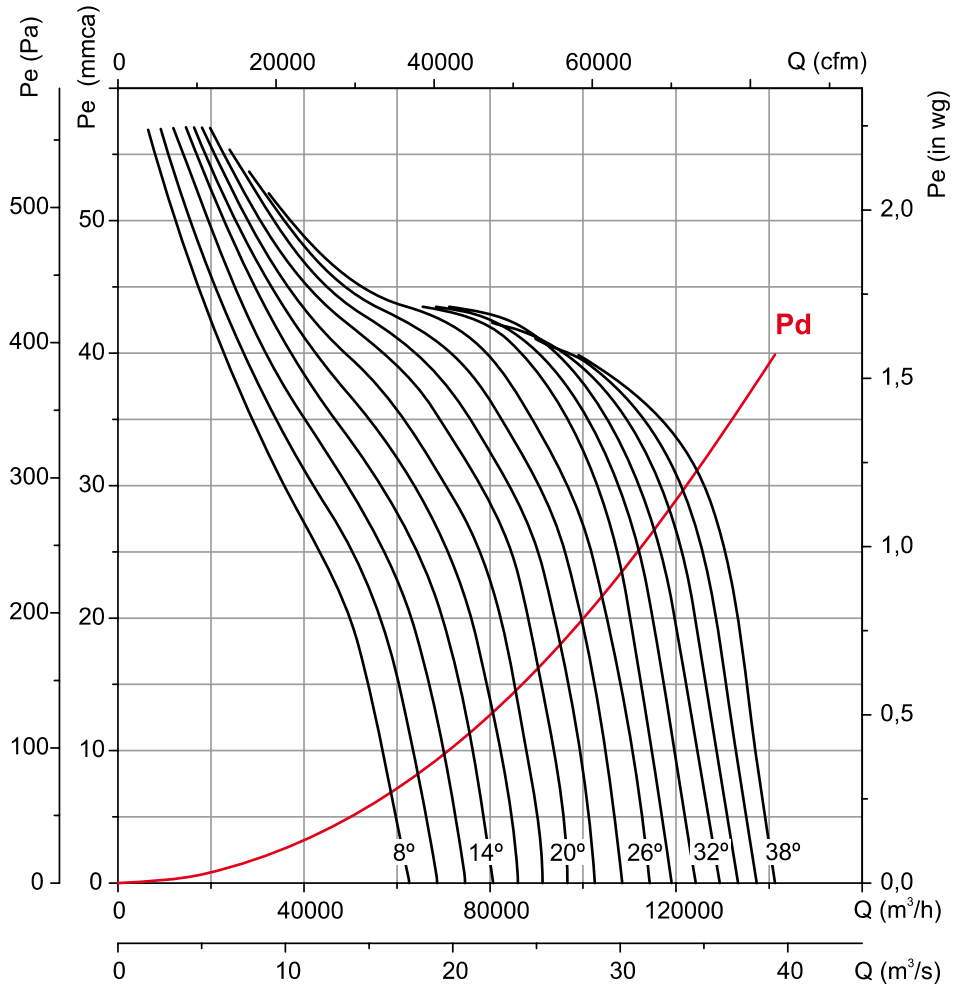


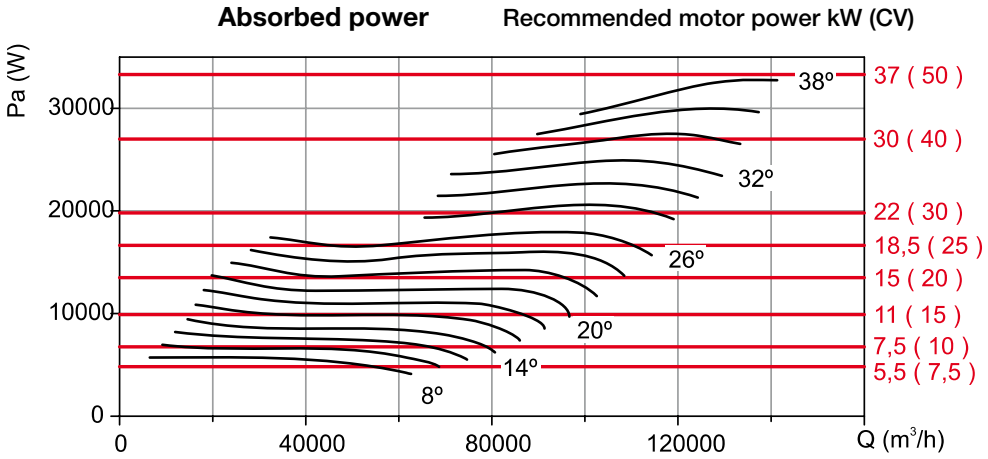


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 6 Number of blades: 6

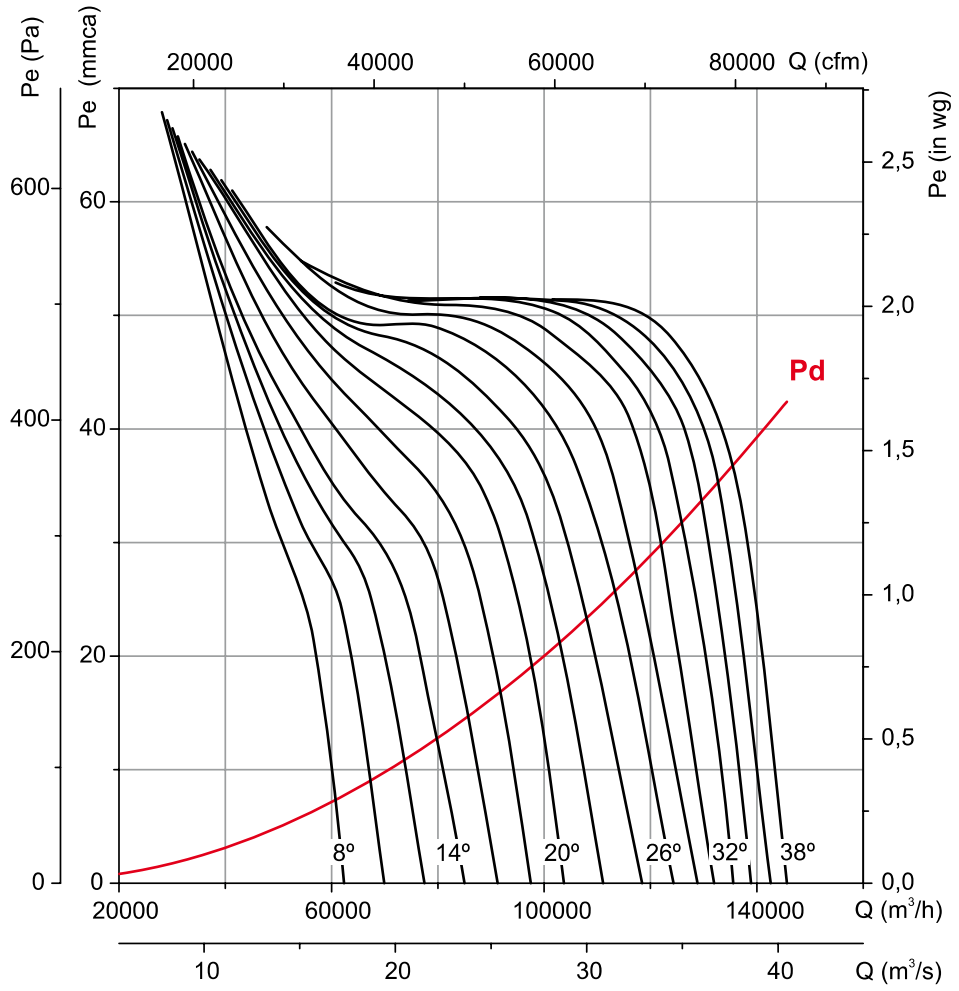


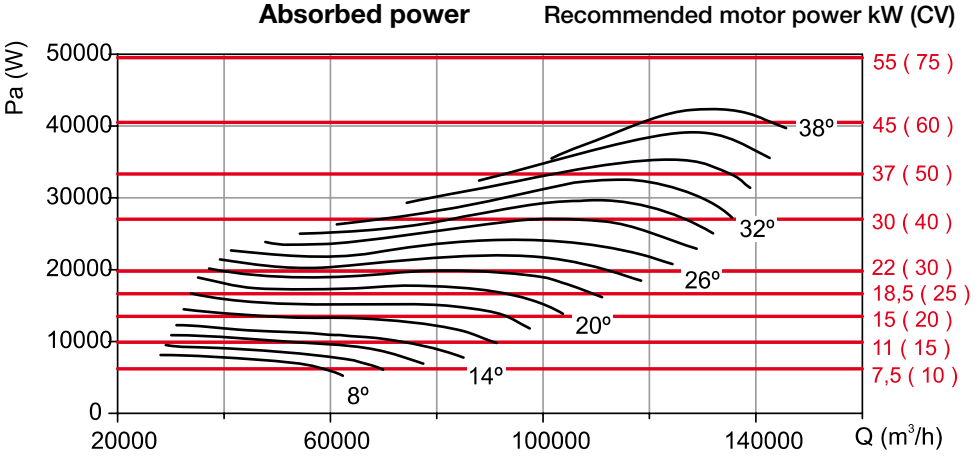


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 6 Number of blades: 9

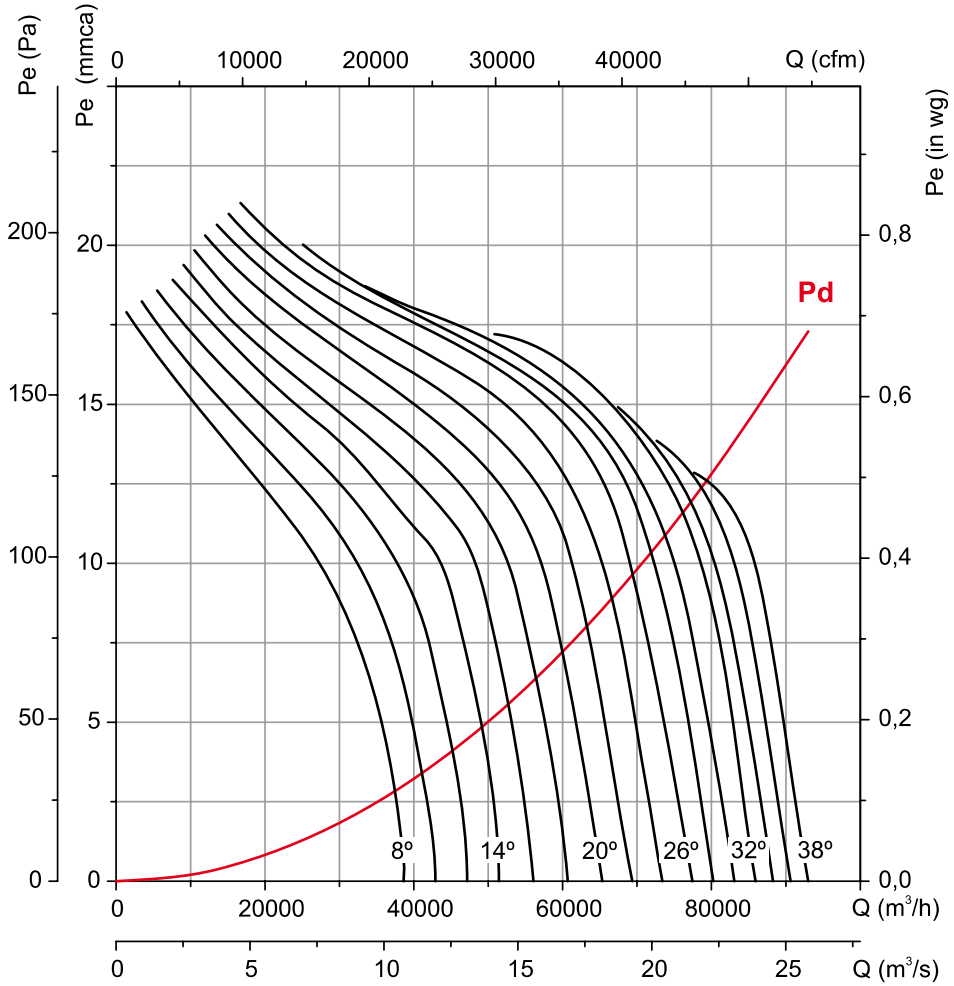


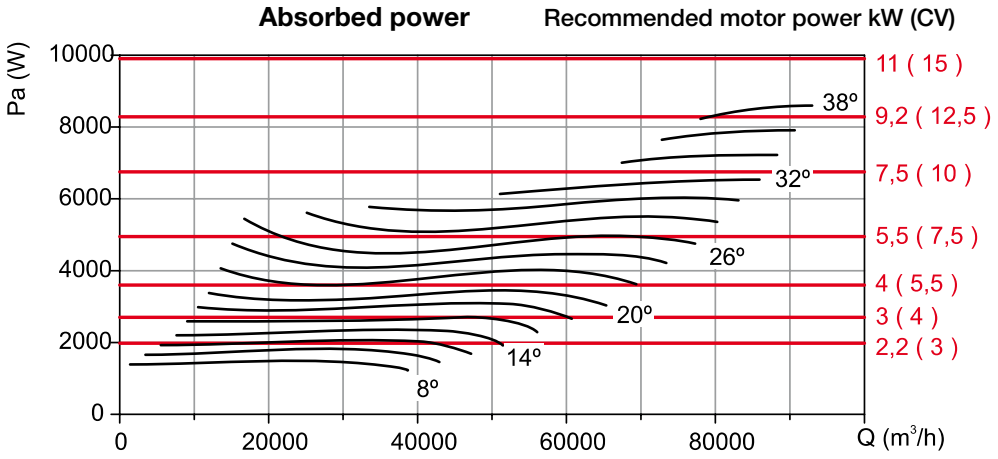


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 8 Number of blades: 3

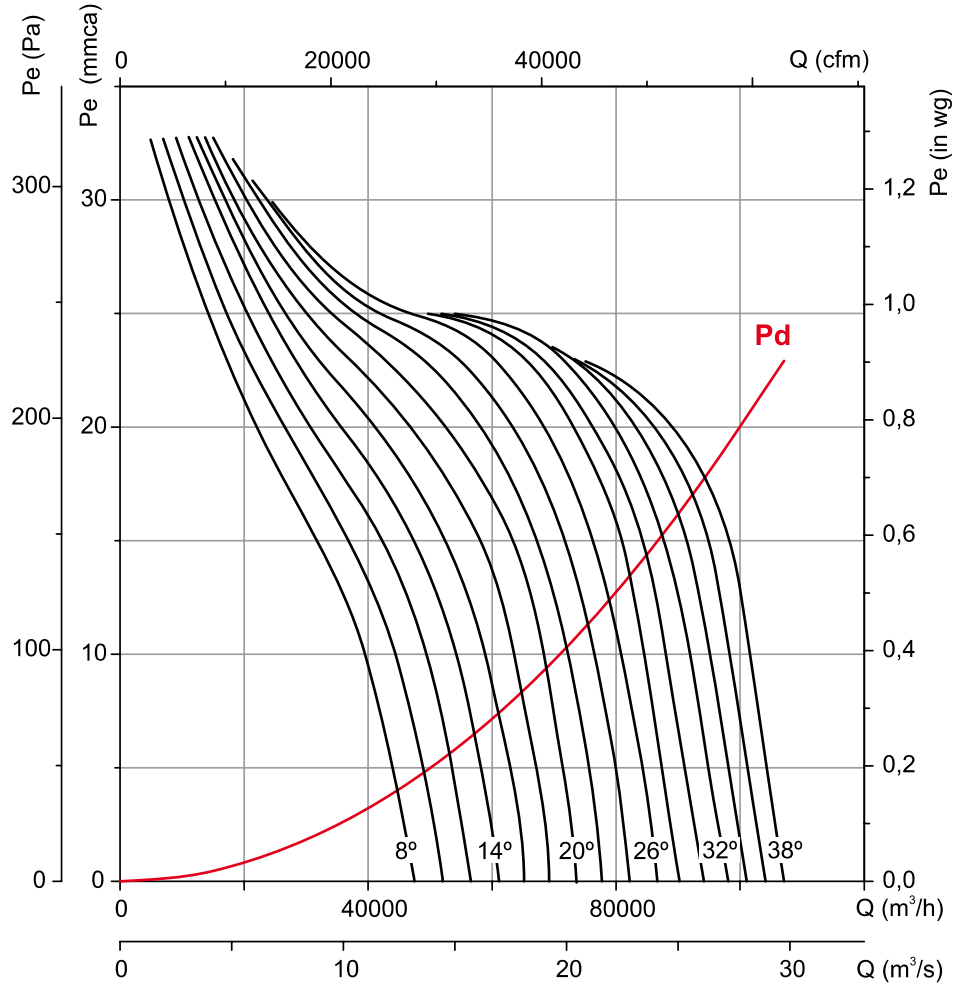


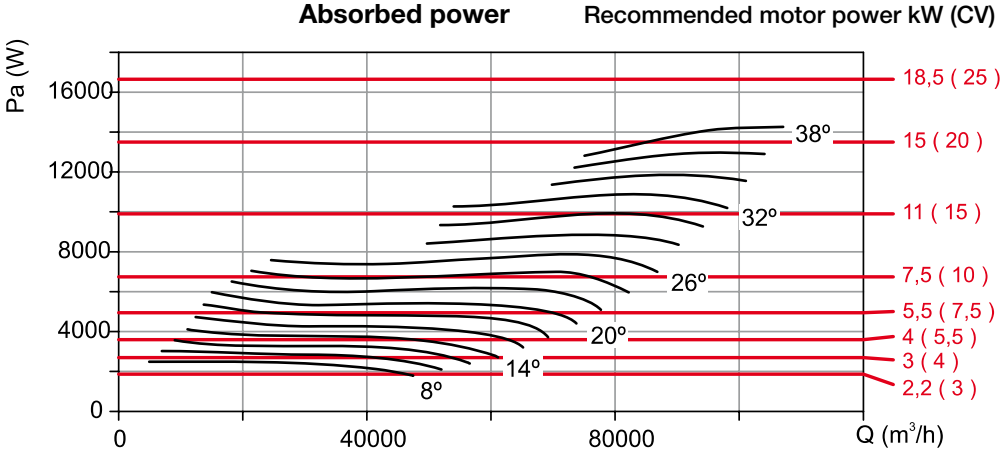


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 8 Number of blades: 6

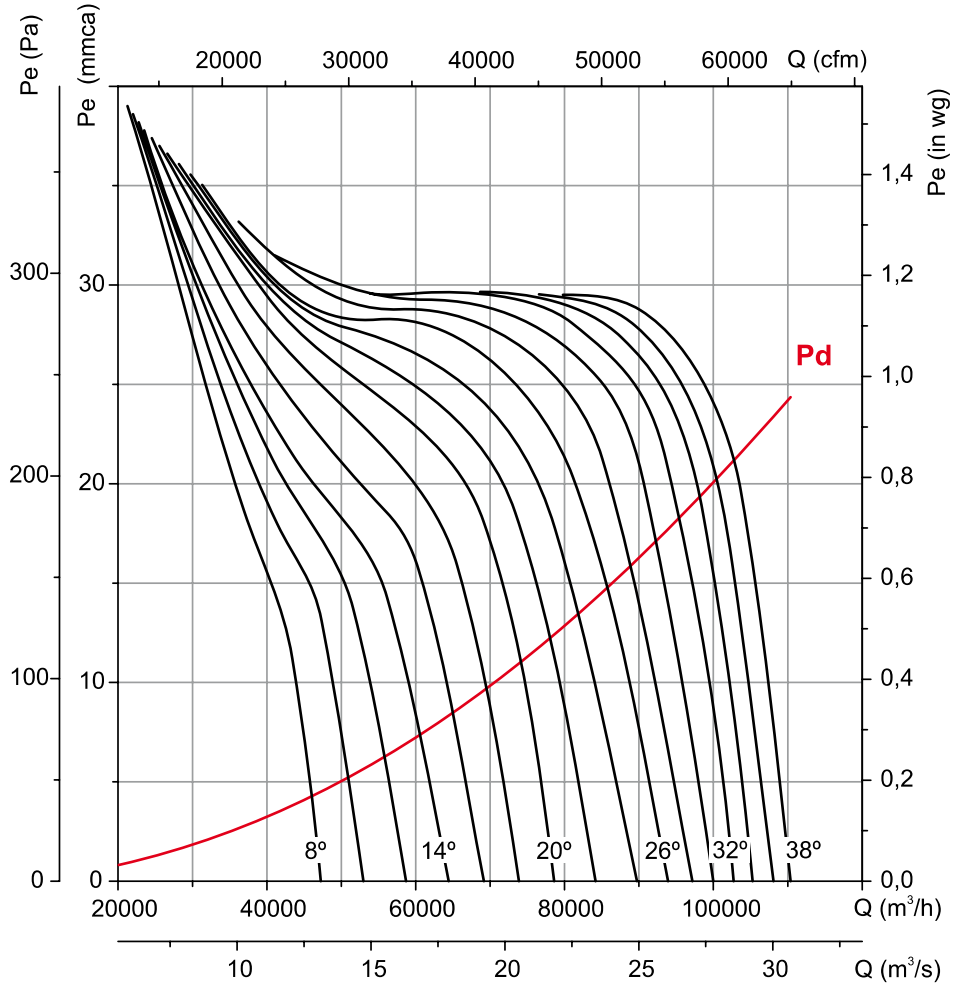


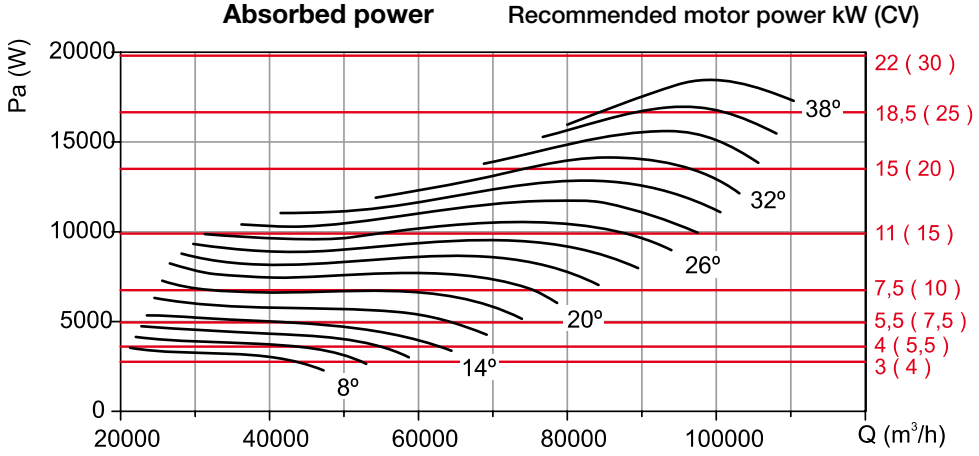


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 140 Number of poles: 8 Number of blades: 9

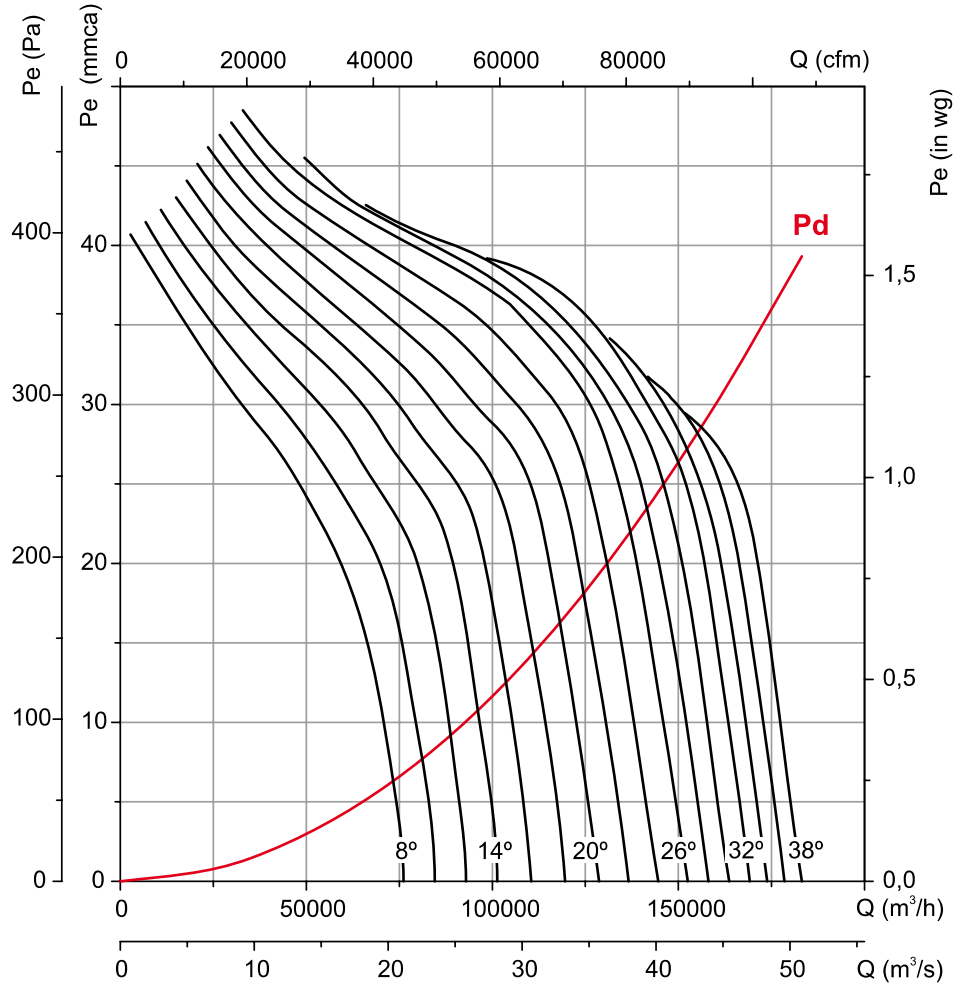




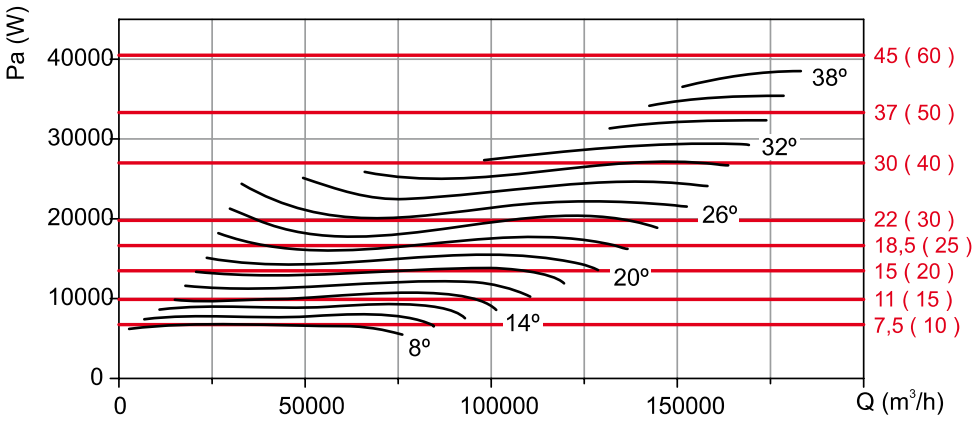
Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 6 Number of blades: 3



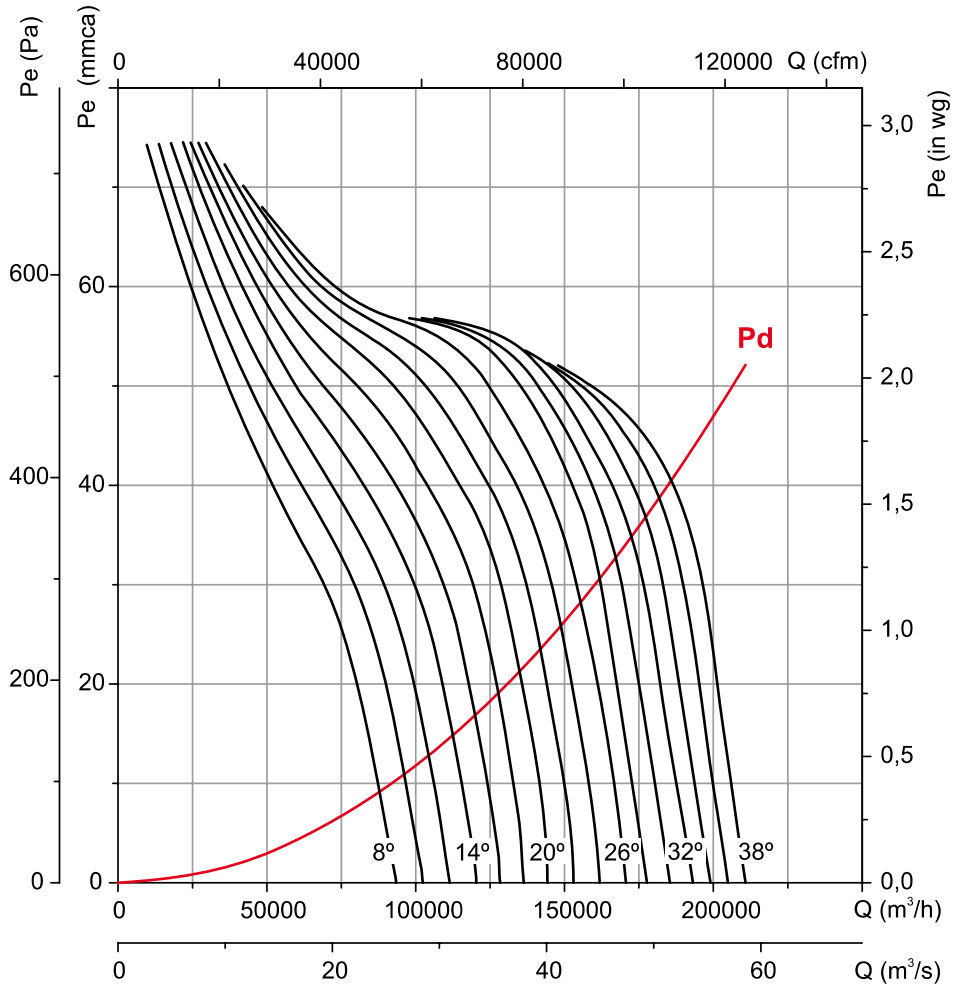
Absorbed power **Recommended motor power kW (CV)**

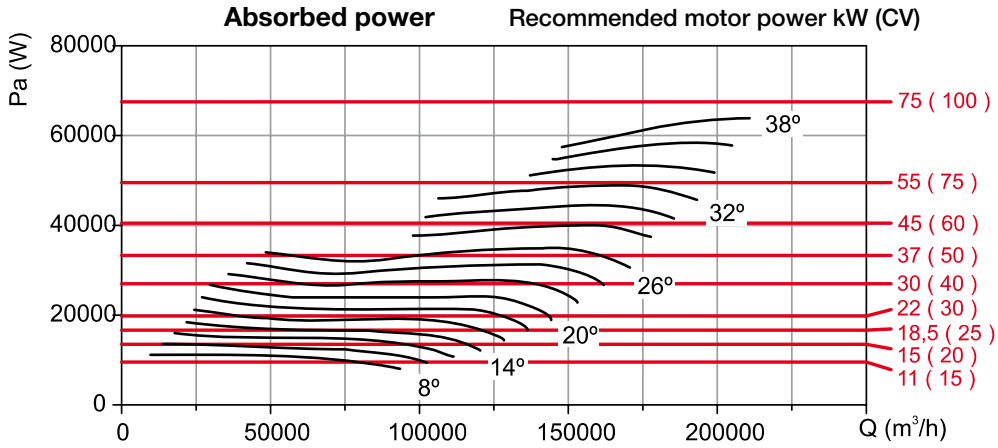


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 6 Number of blades: 6

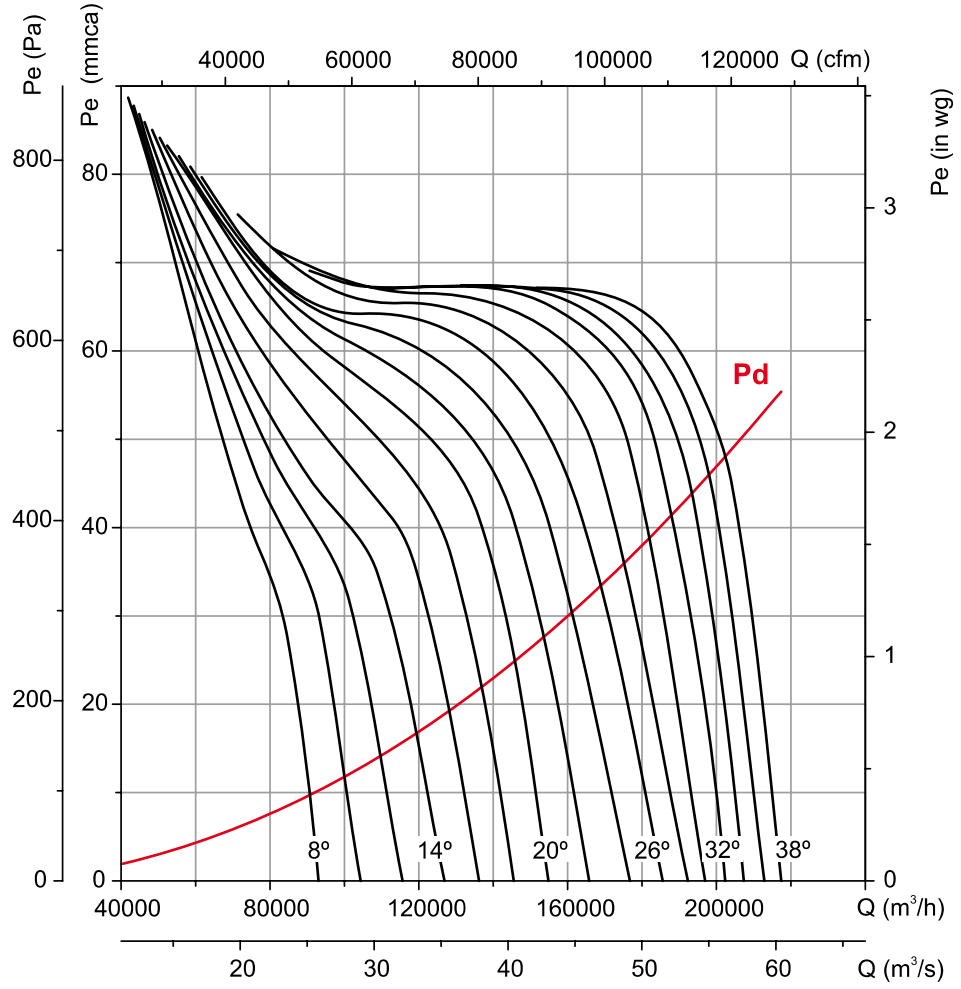


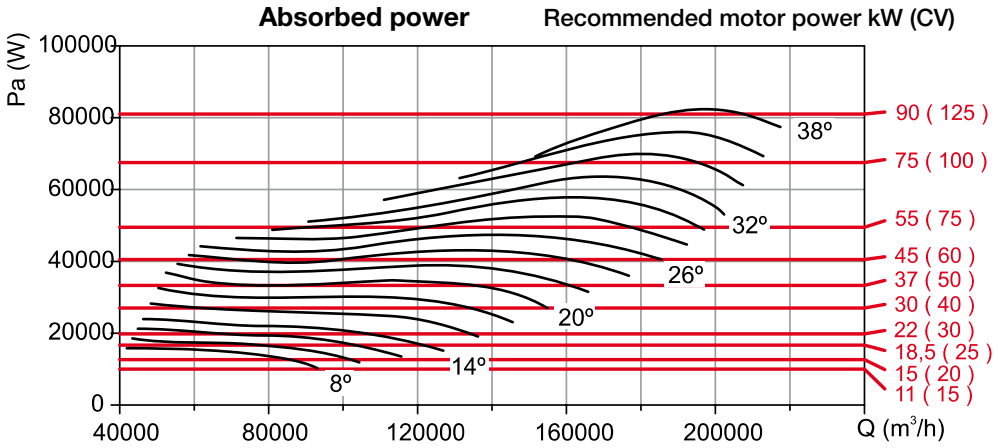


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 6 Number of blades: 9

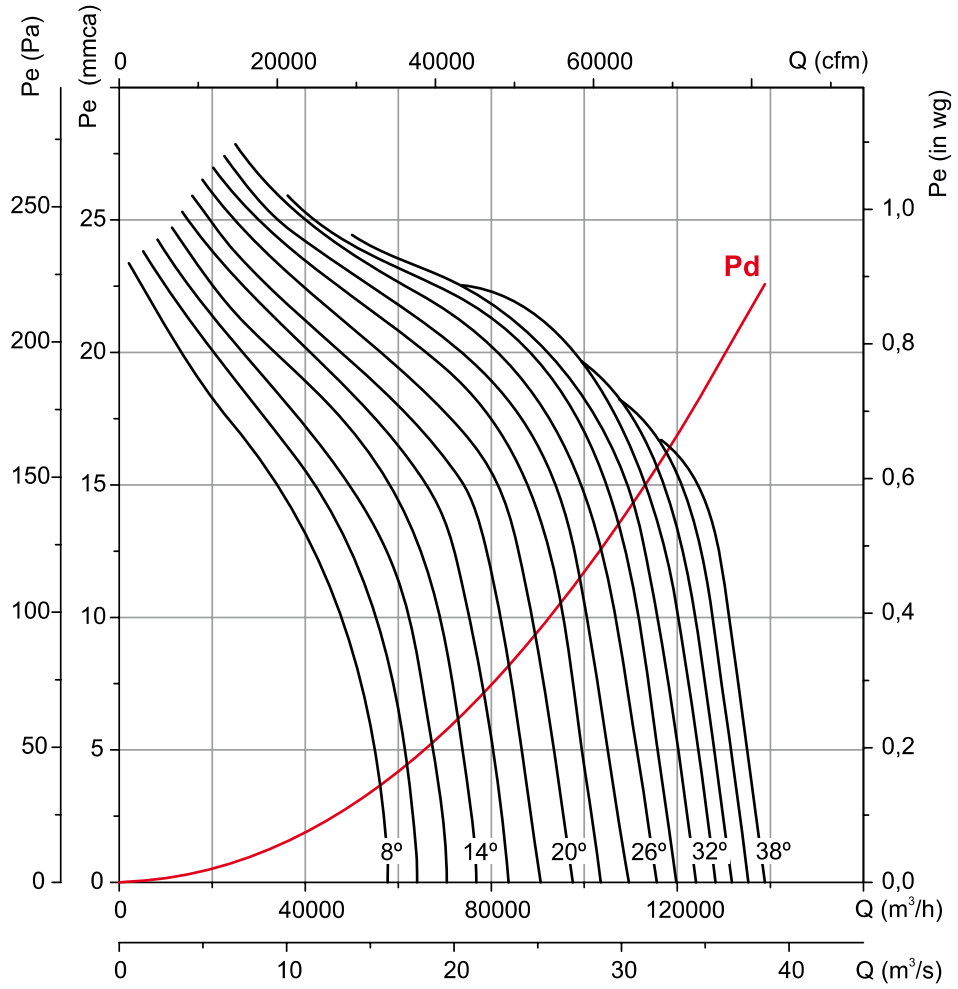


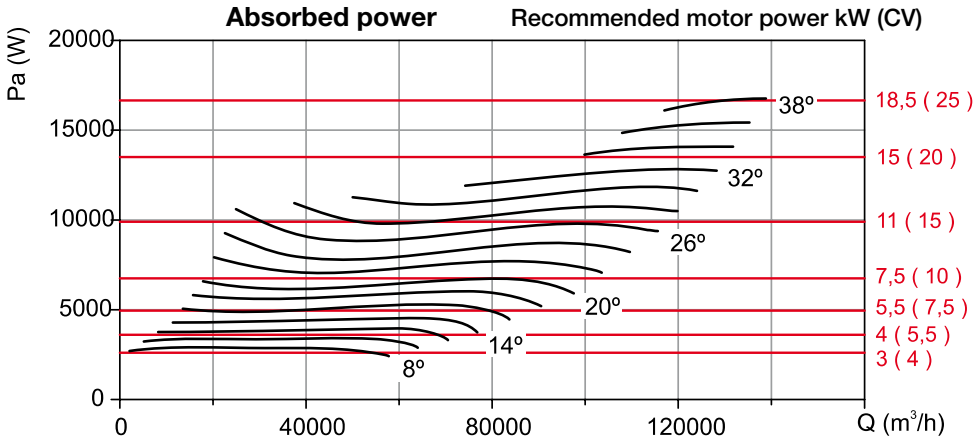


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 8 Number of blades: 3

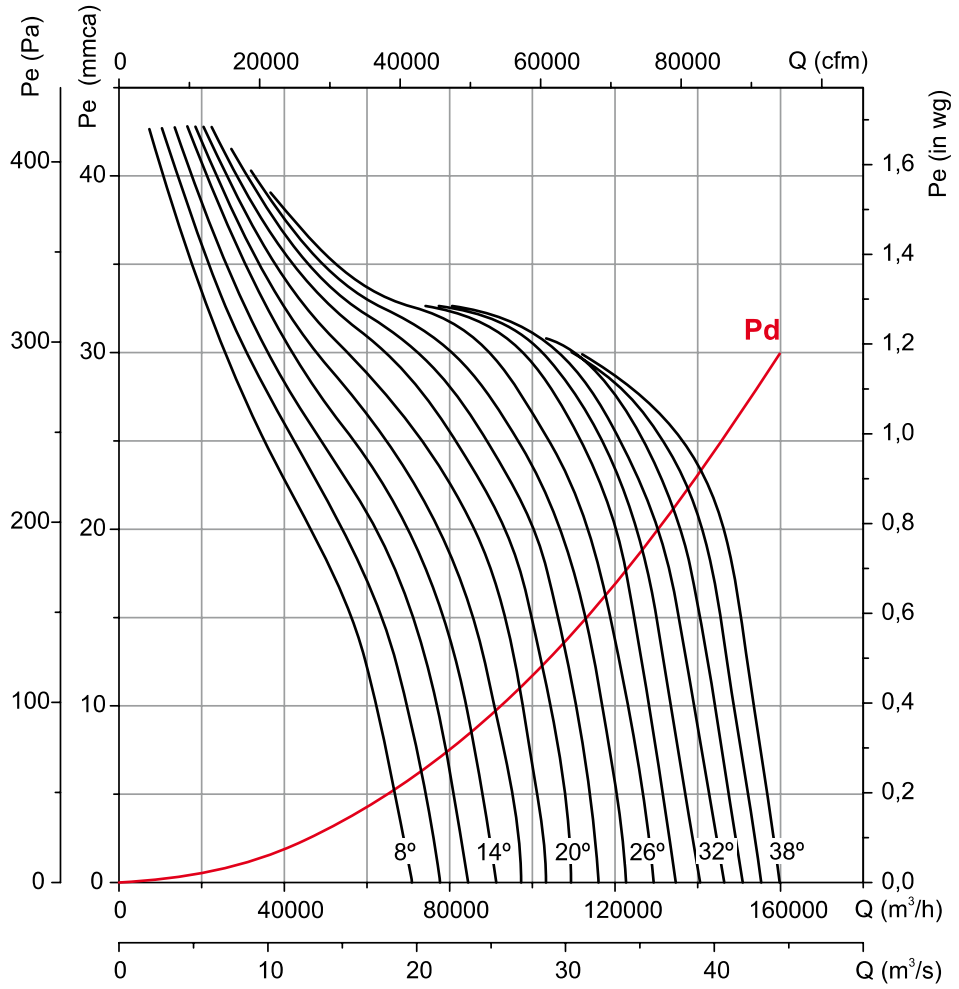


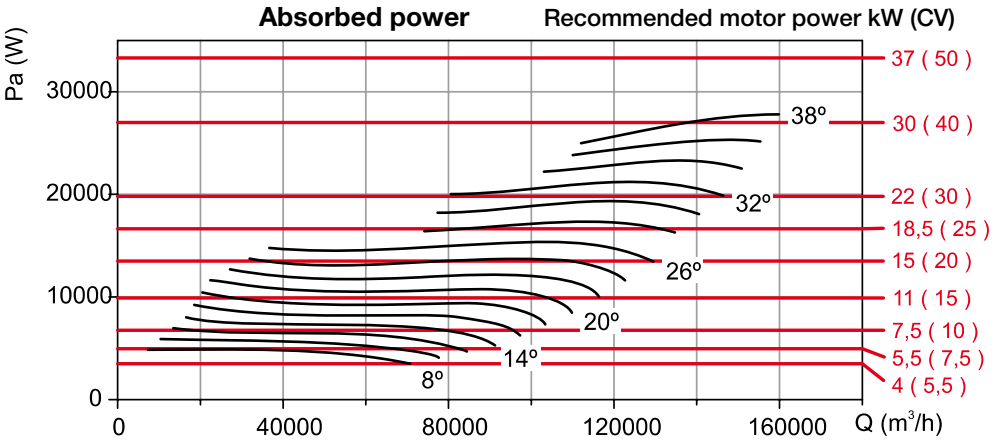


Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 8 Number of blades: 6





Characteristic curves **THT CJTHT/PLUS CJTHT CJTHT/DUPLEX/ATEX**

Q = Airflow in m^3/h, m^3/s and cfm. Pe= Static pressure in mm.w.c., Pa and inwg.

Impeller diameter (cm): 160 Number of poles: 8 Number of blades: 9