THT

400 ºC/2h and 300 ºC/2h tubular axial extractor fans

400 ºC/2h tubular axial extractor fans with short casings for immersed operation in fire risk zones.

Fan:
- Sheet steel tubular casing.
- Cast aluminium orientable rotors.
- Approved in accordance with standard EN-12101-3-2002.
- Airflow direction from Motor to Impeller.

Motor:
- Class H motors, S1 continuous operation and S2 emergency use, with ball bearings, IP55 protection and with 1 or 2 speeds, depending on model.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz
- Maximum temperature of air to be carried: S1 continuous operation -20 ºC +40 ºC, S2 operation 300 ºC/2h, 400 ºC/2h.

Finish:
- Anti-corrosive finish of polyester resin polymerised at 190 ºC, previously degreased with phosphate-free nanotechnological treatment.

On request:
- Long case fans fitted with an inspection hatch.
- Rotors 100 % reversible.

Order code

From size 40 to size 100

THT	—	56	—	4T	—	2	—	F-400	—	60Hz
THT: 400 ºC/2h and 300 ºC/2h tubular axial extractor fans THT/CL: 400 ºC/2h and 300 ºC/2h tubular axial extractor fans with long casings, fitted with inspection hatches		Rotor diameter in cm		Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz		T= Three-phase		Motor power (hp)		F-300: 300 ºC/2h approved F-400: 400 ºC/2h approved

From size 125 to size 160

THT	—	125	—	4T	—	15	—	9-10	—	F-400	—	60Hz
THT: 400 ºC/2h and 300 ºC/2h tubular axial extractor fans THT/CL: 400 ºC/2h and 300 ºC/2h tubular axial extractor fans with long casings, fitted with inspection hatches		Rotor diameter in cm		Number of motor poles 2=3500 r/min. 60 Hz 4=1680 r/min. 60 Hz 6=1080 r/min. 60 Hz 8=900 r/min. 60 Hz 12=750 r/min. 60 Hz		T= Three-phase		Motor power (c.v.)		Number ofblades 3 blades 6 blades 9 blades		Blade inclination angle		F-300: 300 ºC/2h approved F-400: 400 ºC/2h approved

60Hz

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight (kg)	
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-40-2T-1.5	3455	4.70	2.70	1.10	6750	76	33	31
THT-40-2/4T-1.5	3505/1750		2.90/2.10	1.10/0.25	6750/3400	76/61	34	32
THT-40-2T-2	3455	5.90	3.40	1.50	7350	77	35	33
THT-40-2/4T-2	3530/1750		4.40/1.40	1.50/0.37	7350/3650	77/62	35	33
THT-40-4T-0.75	1690	2.73	1.57	0.55	5800	64	32	29
THT-40-6T-0.75	1150	4.10	2.40	0.55	3800	53	37	34
THT-40-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	3800/1750	53/38	41	38
THT-45-2T-2	3455	5.90	3.40	1.50	8800	78	38	34
THT-45-2/4T-2	3530/1750		5.70/1.80	1.50/0.37	8800/4400	78/63	37	34
THT-45-2T-3	3480	8.70	5.00	2.20	11300	80	39	36
THT-45-2/4T-3	3515/1740		4.40/1.40	2.20/0.60	11300/5650	80/65	39	36
THT-45-4T-0.75	1690	2.73	1.57	0.55	7500	68	34	30
THT-45-6T-0.75	1150	4.10	2.40	0.55	6050	55	38	35
THT-45-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	6050/2800	55/40	42	39
THT-50-2T-4	3455	11.20	6.50	3.00	12100	82	49	42
THT-50-2/4T-4	3505/1730		6.70/2.00	3.00/0.80	12100/6050	82/67	51	44
THT-50-2T-5.5	3470		9.30	4.00	14300	83	65	57
THT-50-2/4T-6	3515/1740		10.00/3.20	4.50/1.30	15400/7700	83/68	67	60
THT-50-4T-1	1700	3.50	2.03	0.75	8950	69	37	33
THT-50-6T-0.75	1150	4.10	2.40	0.55	9150	57	40	36
THT-50-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	9150/4250	57/42	44	40
THT-56-2T-5.5	3505		9.50	4.00	18150	88	69	60
THT-56-2/4T-6	3515/1740		10.00/3.20	4.50/1.30	19650/9800	88/72	71	63
THT-56-2T-12	3540		19.20	9.00	27000	89	147	139
THT-56-2/4T-12	3505/1730		20.70/5.50	9.00/2.50	27000/13500	89/74	137	129
THT-56-4T-1	1715	3.50	2.00	0.75	10550	73	45	40
THT-56-4T-1.5	1715	4.80	2.80	1.10	12750	74	44	40
THT-56-4/8T-1.5	1730/850		2.90/1.40	1.10/0.25	12750/6300	74/59	48	43
THT-56-4T-2	1705	6.20	3.60	1.50	15000	75	48	43
THT-56-4/8T-2	1700/860		3.60/1.50	1.50/0.30	15000/7400	75/60	59	55
THT-56-6T-0.75	1150	4.10	2.40	0.55	10650	62	44	39
THT-56-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	10650/4950	62/47	48	43
THT-63-2T-12	3540		19.20	9.00	33100	90	161	143
THT-63-2/4T-12	3505/1730		18.50/5.50	9.00/2.50	33100/16550	90/75	151	133
THT-63-2T-22	3550		32.30	16.00	44750	91	188	170
THT-63-2/4T-22	3550/1775		32.30/8.90	16.00/4.00	44750/22400	91/76	188	170
THT-63-4T-1	1715	3.50	2.00	0.75	13800	73	49	43
THT-63-4T-1.5	1715	4.80	2.80	1.10	16550	74	51	45
THT-63-4/8T-1.5	1730/850		2.90/1.40	1.10/0.25	16550/8200	74/59	55	49
THT-63-4T-2	1705	6.20	3.60	1.50	19100	75	55	49
THT-63-4/8T-2	1700/860		3.60/1.50	1.50/0.30	19100/9450	75/60	70	60
THT-63-4T-3	1715	9.00	5.20	2.20	22400	76	64	54
THT-63-4/8T-3	1700/860		5.20/1.90	2.20/0.45	22400/11050	76/61	77	66
THT-63-4T-4	1715	11.40	6.60	3.00	25150	77	73	63
THT-63-4/8T-4	1710/850		6.80/2.20	3.00/0.60	25150/12450	77/62	86	77
THT-63-6T-0.75	1150	4.10	2.40	0.55	14650	65	51	45
THT-63-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	14650/6800	65/50	55	49
THT-63-6T-1	1140	4.70	2.70	0.75	15900	66	54	48
THT-63-6/12T-1	1130/530		2.20/0.87	0.75/0.15	15900/7400	66/51	61	55
THT-71-4T-1.5	1715	4.80	2.80	1.10	19950	78	58	52
THT-71-4/8T-1.5	1730/850		2.90/1.40	1.10/0.25	19950/9850	78/63	61	56
THT-71-4T-2	1705	6.20	3.60	1.50	19950	79	61	56
THT-71-4/8T-2	1700/860		3.60/1.50	1.50/0.30	19950/9850	79/64	76	67
THT-71-4T-3	1715	9.00	5.20	2.20	25250	81	70	61
THT-71-4/8T-3	1700/860		5.20/1.90	2.20/0.45	25250/12450	81/66	82	74
THT-71-4T-4	1715	11.40	6.60	3.00	28100	82	79	70
THT-71-4/8T-4	1710/850		6.80/2.20	3.00/0.60	28100/13900	82/67	92	83
THT-71-6T-0.75	1150	4.10	2.40	0.55	15400	67	57	52

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight (kg)	
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-71-6/12T-0.75	1130/530		1.60/0.55	0.55/0.09	15400/7150	67/52	61	56
THT-71-6T-1	1140	4.70	2.70	0.75	17450	68	61	55
THT-71-6/12T-1	1130/530		2.20/0.87	0.75/0.15	17450/8100	68/53	67	62
THT-71-6T-1.5	1130	5.50	3.20	1.10	20300	69	69	61
THT-71-6/12T-1.5	1140/565		3.00/1.15	1.10/0.18	20300/9450	69/54	77	69
THT-80-4T-3	1715	9.00	5.20	2.20	25050	82	79	69
THT-80-4/8T-3	1700/860		5.20/1.90	2.20/0.45	25050/12400	82/67	91	82
THT-80-4T-4	1715	11.40	6.60	3.00	27850	83	88	78
THT-80-4/8T-4	1710/850		6.80/2.20	3.00/0.60	27850/13750	83/68	101	92
THT-80-4T-5.5	1720		8.40	4.00	33450	84	94	85
THT-80-4/8T-5.5	1745/870		9.30/3.40	4.00/0.80	33450/16550	84/69	127	118
THT-80-6T-1.5	1130	5.50	3.20	1.10	20100	72	78	69
THT-80-6/12T-1.5	1140/565		3.00/1.15	1.10/0.18	20100/9350	72/57	86	77
THT-80-6T-2	1135	7.40	4.30	1.50	23900	73	87	78
THT-80-6/12T-2	1140/550		4.60/1.90	1.50/0.25	23900/11100	73/58	91	82
THT-80-6T-3	1120	9.50	5.50	2.20	30150	74	94	84
THT-80-6/12T-3	1130/565		5.60/2.20	2.20/0.37	30150/14000	74/59	100	91
THT-80-8T-0.75	840	3.60	2.10	0.55	16550	70	71	62
THT-80-8T-1	850	4.80	2.80	0.75	19550	71	78	69
THT-90-4T-4	1715	11.40	6.60	3.00	34700	87	110	93
THT-90-4/8T-4	1710/850		6.80/2.20	3.00/0.60	34700/17150	87/72	124	106
THT-90-4T-5.5	1720		8.40	4.00	39900	89	117	99
THT-90-4/8T-5.5	1745/870		9.30/3.40	4.00/0.80	39900/19700	89/74	150	132
THT-90-4T-7.5	1750		12.60	5.50	43350	91	143	126
THT-90-4/8T-7.5	1745/870		12.80/4.60	5.50/1.10	43350/21450	91/76	157	140
THT-90-4T-10	1750		17.70	7.50	50000	92	154	137
THT-90-4/8T-9	1745/870		15.60/6.30	6.70/1.50	46850/23150	92/77	157	140
THT-90-6T-2	1135	7.40	4.30	1.50	28400	77	110	92
THT-90-6/12T-2	1140/550		4.60/1.90	1.50/0.25	28400/13200	77/62	114	96
THT-90-6T-3	1120	9.50	5.50	2.20	32750	78	116	99
THT-90-6/12T-3	1130/565		5.60/2.20	2.20/0.37	32750/15250	78/63	123	105
THT-90-6T-4	1165	13.50	7.80	3.00	38150	79	142	124
THT-90-6/12T-4	1150/570		8.90/3.50	3.00/0.55	38150/17750	79/64	143	126
THT-90-8T-1	850	4.80	2.80	0.75	23150	71	100	84
THT-90-8T-2	850	7.80	4.50	1.50	29850	73	116	99
THT-90-8T-3	850	11.40	6.60	2.20	35350	74	134	116
THT-100-4T-7.5	1750		12.60	5.50	51700	92	151	131
THT-100-4/8T-7.5	1745/870		12.80/4.60	5.50/1.10	46950/23200	92/77	165	145
THT-100-4T-10	1750		17.70	7.50	56400	93	162	142
THT-100-4/8T-9	1745/870		15.60/6.30	6.70/1.50	56400/27900	93/78	165	145
THT-100-4T-15	1750		22.00	11.00	65850	94	215	195
THT-100-4/8T-15	1765/870		23.20/8.70	11.00/2.80	65850/32550	94/79	215	195
THT-100-4T-20	1750		29.00	15.00	72500	95	230	210
THT-100-4/8T-20	1765/870		31.70/11.80	15.00/3.80	72500/35850	95/80	230	210
THT-100-6T-3	1120	9.50	5.50	2.20	36950	82	124	105
THT-100-6/12T-3	1130/565		5.60/2.20	2.20/0.37	36950/17200	82/67	130	112
THT-100-6T-4	1165	13.50	7.80	3.00	43150	83	150	130
THT-100-6/12T-4	1150/570		8.90/3.50	3.00/0.55	43150/20050	83/68	151	131
THT-100-6T-5.5	1165		11.00	4.00	47500	84	162	142
THT-100-6/12T-5.5	1165/575		11.30/4.20	4.00/0.65	47500/22100	84/69	162	142
THT-100-8T-2	850	7.80	4.50	1.50	32550	77	124	105
THT-100-8T-3	850	11.40	6.60	2.20	37450	77	142	122
THT-100-8T-4	850	15.60	9.00	3.00	43400	78	162	142
THT-125-4T/3-10	1750		17.70	7.50	54400	88	243	210
THT-125-4/8T/3-9	1745/870		15.60/6.30	6.70/1.50	50550/25000	88/68	243	210
THT-125-4T/3-15	1750		22.00	11.00	69800	89	294	266
THT-125-4/8T/3-15	1765/870		23.20/8.70	11.00/2.80	69800/34500	89/69	294	266
THT-125-4T/3-20	1750		29.00	15.00	77500	91	309	281

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight (kg)	
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-125-4/8T/3-20	1765/870		31.70/11.80	15.00/3.80	77500/38300	91/71	309	281
THT-125-4T/3-25	1760		37.00	18.50	92950	91	377	334
THT-125-4T/3-30	1765		42.00	22.00	101300	92	391	348
THT-125-4/8T/3-27	1765/880		38.00/13.00	20.00/4.00	92950/45950	92/71	391	348
THT-125-4/8T/3-37	1770/880		51.00/20.60	27.00/6.00	118000/58350	93/72	472	429
THT-125-4T/3-40	1770		58.00	30.00	118000	93	472	429
THT-125-4/8T/3-40	1775/880		62.00/27.00	30.00/10.00	118000/58350	93/72	618	562
THT-125-4T/6-20	1750		29.00	15.00	69250	89	318	290
THT-125-4/8T/6-20	1765/870		31.70/11.80	15.00/3.80	73400/36250	89/68	318	290
THT-125-4/8T/6-22	1765/880		31.80/12.00	16.50/3.30	77500/38300	89/69	303	275
THT-125-4T/6-25	1760		37.00	18.50	81600	90	386	343
THT-125-4/8T/6-27	1765/880		38.00/13.00	20.00/4.00	85750/42350	90/69	400	357
THT-125-4T/6-30	1765		42.00	22.00	93950	90	400	357
THT-125-4/8T/6-37	1770/880		51.00/20.60	27.00/6.00	102200/50500	90/70	481	437
THT-125-4T/6-40	1770		58.00	30.00	110400	92	481	437
THT-125-4/8T/6-40	1775/880		62.00/27.00	30.00/10.00	110400/54600	92/71	627	571
THT-125-4T/6-50	1775		73.00	37.00	117700	93	529	473
THT-125-4T/9-25	1760		37.00	18.50	69850	88	395	352
THT-125-4/8T/9-22	1765/880		31.80/12.00	16.50/3.30	59500/29400	88/69	312	284
THT-125-4T/9-30	1765		42.00	22.00	85350	89	409	366
THT-125-4/8T/9-27	1765/880		38.00/13.00	20.00/4.00	75000	89/70	409	366
THT-125-4/8T/9-37	1770/880		51.00/20.60	27.00/6.00	85350/42200	90/70	490	446
THT-125-4T/9-40	1770		58.00	30.00	95700	91	490	446
THT-125-4/8T/9-40	1775/880		62.00/27.00	30.00/10.00	95700/47300	91/71	636	580
THT-125-4T/9-50	1775		73.00	37.00	106050	93	538	482
THT-125-6T/3-4	1165	13.50	7.80	3.00	35650	79	230	197
THT-125-6/12T/3-4	1150/570		8.90/3.50	3.00/0.55	40700/18900	79/64	232	199
THT-125-6T/3-5.5	1165		11.00	4.00	50800	80	242	209
THT-125-6/12T/3-5.5	1165/575		11.30/4.20	4.00/0.65	50800/23600	80/65	243	210
THT-125-6T/3-7.5	1165		12.40	5.50	60900	81	249	216
THT-125-6/12T/3-7.5	1165/575		13.20/5.30	5.50/1.00	60900/28300	81/66	263	230
THT-125-6T/3-10	1165		17.00	7.50	71850	83	274	246
THT-125-6/12T/3-10	1150/565		20.00/9.00	7.50/1.40	71850/33400	83/68	294	266
THT-125-6T/3-15	1145		26.00	11.00	91650	84	304	276
THT-125-6/12T/3-15	1150/565		28.50/13.00	11.00/2.00	91650/42600	84/69	309	281
THT-125-6T/3-20	1170		31.00	15.00	101650	85	377	334
THT-125-6/12T/3-24	1165/575		36.00/14.50	17.50/3.50	104450/48550	85/70	472	429
THT-125-6T/6-5.5	1165		11.00	4.00	45400	77	251	218
THT-125-6/12T/6-5.5	1165/575		11.30/4.20	4.00/0.65	50750/23600	77/62	252	219
THT-125-6T/6-7.5	1165		12.40	5.50	56150	77	258	225
THT-125-6/12T/6-7.5	1165/575		13.20/5.30	5.50/1.00	56150/26100	77/62	272	239
THT-125-6T/6-10	1165		17.00	7.50	66950	79	283	255
THT-125-6/12T/6-10	1150/565		20.00/9.00	7.50/1.40	66950/31150	79/64	303	275
THT-125-6T/6-15	1145		26.00	11.00	81900	81	313	285
THT-125-6/12T/6-15	1150/565		28.50/13.00	11.00/2.00	81900/38100	81/66	318	290
THT-125-6T/6-20	1170		31.00	15.00	91950	82	386	343
THT-125-6/12T/6-24	1165/575		36.00/14.50	17.50/3.50	102550/47700	82/67	481	437
THT-125-6T/9-10	1165		17.00	7.50	55900	78	292	264
THT-125-6/12T/9-10	1150/565		20.00/9.00	7.50/1.40	55900/26000	78/63	312	284
THT-125-6T/9-15	1145		26.00	11.00	76250	81	322	294
THT-125-6/12T/9-15	1150/565		28.50/13.00	11.00/2.00	76250/35450	81/66	327	299
THT-125-6T/9-20	1170		31.00	15.00	87450	84	395	352
THT-125-6/12T/9-24	1165/575		36.00/14.50	17.50/3.50	93050/43250	84/69	490	446
THT-140-6T/3-5.5	1130		8.72	4.00	47700	83	279	242
THT-140-6T/3-7.5	1150		12.20	5.50	61200	84	287	250
THT-140-6T/3-10	1165		15.60	7.50	67950	85	339	300
THT-140-6T/3-15	1165		23.30	11.00	88800	86	356	317
THT-140-6T/3-20	1165		27.40	15.00	103450	88	436	386

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight (kg)	
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-140-6T/6-7.5	1150		12.20	5.50	60700	84	297	260
THT-140-6T/6-10	1165		15.60	7.50	67950	85	349	310
THT-140-6T/6-15	1165		23.30	11.00	82350	86	366	327
THT-140-6T/6-20	1165		27.40	15.00	96800	87	445	396
THT-140-6T/6-25	1170		34.40	18.50	103200	88	497	448
THT-140-6T/6-30	1170		41.40	22.00	116000	89	506	457
THT-140-6T/9-10	1165		15.60	7.50	56700	84	358	319
THT-140-6T/9-15	1165		23.30	11.00	74850	86	375	336
THT-140-6T/9-20	1165		27.40	15.00	83900	87	455	405
THT-140-6T/9-25	1170		34.40	18.50	102050	88	506	458
THT-140-6T/9-30	1170		41.40	22.00	109500	89	515	467
THT-140-6T/9-40	1180		54.20	30.00	124500	91	673	611
THT-140-6T/9-50	1175		66.40	37.00	133300	92	751	696
THT-140-8T/3-3	860	9.17	5.27	2.20	41050	78	279	242
THT-140-8T/3-4	850	12.50	7.20	3.00	51250	78	287	250
THT-140-8T/3-5.5	875		10.40	4.00	61450	79	337	298
THT-140-8T/3-7.5	875		13.80	5.50	72500	81	346	307
THT-140-8T/3-10	870		17.80	7.50	87700	82	357	318
THT-140-8T/6-3	860	9.17	5.27	2.20	45800	78	289	252
THT-140-8T/6-4	850	12.50	7.20	3.00	51250	79	297	260
THT-140-8T/6-5.5	875		10.40	4.00	56700	80	347	308
THT-140-8T/6-7.5	875		13.80	5.50	67600	81	356	317
THT-140-8T/6-10	870		17.80	7.50	77850	82	367	328
THT-140-8T/6-15	870		21.70	11.00	92850	83	453	404
THT-140-8T/9-4	850	12.50	7.20	3.00	42750	79	306	269
THT-140-8T/9-5.5	875		10.40	4.00	49600	79	356	317
THT-140-8T/9-7.5	875		13.80	5.50	56450	81	365	326
THT-140-8T/9-10	870		17.80	7.50	70150	82	376	337
THT-140-8T/9-15	870		21.70	11.00	82600	83	463	413
THT-140-8T/9-20	870		32.90	15.00	100550	86	516	468
THT-160-6T/3-10	1165		15.60	7.50	71150	83	412	358
THT-160-6T/3-15	1165		23.30	11.00	91350	85	429	375
THT-160-6T/3-20	1165		27.40	15.00	101450	86	522	453
THT-160-6T/3-25	1170		34.40	18.50	121600	87	574	504
THT-160-6T/3-30	1170		41.40	22.00	132550	89	583	513
THT-160-6T/6-15	1165		23.30	11.00	90650	85	440	386
THT-160-6T/6-20	1165		27.40	15.00	101400	86	532	463
THT-160-6T/6-25	1170		34.40	18.50	112200	87	584	515
THT-160-6T/6-30	1170		41.40	22.00	122950	88	593	524
THT-160-6T/6-40	1180		54.20	30.00	144500	89	768	669
THT-160-6T/6-50	1175		66.40	37.00	163600	91	842	757
THT-160-6T/9-15	1165		23.30	11.00	71100	85	450	396
THT-160-6T/9-20	1165		27.40	15.00	84600	86	542	473
THT-160-6T/9-25	1170		34.40	18.50	98150	87	594	525
THT-160-6T/9-30	1170		41.40	22.00	111700	88	603	534
THT-160-6T/9-40	1180		54.20	30.00	125250	89	778	679
THT-160-6T/9-50	1175		66.40	37.00	152300	90	852	768
THT-160-6T/9-60	1180		84.50	45.00	163500	91	1067	968
THT-160-6T/9-75	1180		100.00	55.00	174650	92	1112	1013
THT-160-8T/3-4	850	12.50	7.20	3.00	53700	77	356	304
THT-160-8T/3-5.5	875		10.40	4.00	61300	79	410	356
THT-160-8T/3-7.5	875		13.80	5.50	68900	80	419	365
THT-160-8T/3-10	870		17.80	7.50	84150	81	430	376
THT-160-8T/3-15	870		21.70	11.00	108250	83	530	461
THT-160-8T/6-5.5	875		10.40	4.00	68350	77	421	367
THT-160-8T/6-7.5	875		13.80	5.50	76500	79	430	376
THT-160-8T/6-10	870		17.80	7.50	84650	80	441	387
THT-160-8T/6-15	870		21.70	11.00	100900	82	540	471

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure level	Approx. weight (kg)	
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	dB(A)	Long	Short
THT-160-8T/6-20	870		32.90	15.00	116200	83	594	525
THT-160-8T/6-25	875		34.90	18.50	130600	84	741	642
THT-160-8T/9-7.5	875		13.80	5.50	63850	79	440	386
THT-160-8T/9-10	870		17.80	7.50	74050	80	451	397
THT-160-8T/9-15	870		21.70	11.00	84250	82	550	481
THT-160-8T/9-20	870		32.90	15.00	104700	83	604	535
THT-160-8T/9-25	875		34.90	18.50	114900	84	751	652
THT-160-8T/9-30	875		41.10	22.00	131750	85	776	677
THT-160-8T/9-40	875		56.30	30.00	150100	86	837	753

Acoustic characteristics

The indicated values are determined by measuring the sound pressure level and sound power in dB(A) obtained in a free field at a distance equivalent to twice the size of the fan plus the rotor diameter, with a minimum of 1.5 m.

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

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
63-2-22	68	88	96	101	103	100	93	82
63-4-1	50	70	78	83	85	82	75	64
63-4-1.5	48	68	76	81	83	80	73	65
63-4-2	52	68	76	81	83	80	73	66
63-4-3	53	70	78	83	85	82	77	67
63-4-4	54	71	79	84	86	83	78	68
63-4-12	52	72	80	85	87	84	77	66
63-4-22	53	73	81	86	88	85	78	67
63-6-0.75	42	60	68	73	75	72	65	56
63-6-1	43	62	70	75	77	74	67	57
63-8-1.5	33	53	61	66	68	65	58	50
63-8-2	37	53	61	66	68	65	58	51
63-8-3	38	55	63	68	70	67	62	52
63-8-4	39	56	64	69	71	68	63	53
63-12-0.75	27	43	51	56	58	55	48	37
63-12-1	28	45	53	58	60	57	50	42
71-4-1.5	54	74	82	87	89	86	79	69
71-4-2	53	73	81	86	88	85	78	70
71-4-3	58	72	80	85	87	84	77	71
71-4-4	59	73	81	86	88	85	78	72
71-6-0.75	44	63	72	74	76	73	66	55
71-6-1	45	65	73	75	77	74	67	56
71-6-1.5	46	66	71	76	78	75	68	57
71-8-1.5	38	58	66	71	73	70	63	54
71-8-2	38	58	66	71	73	70	63	55
71-8-3	43	57	65	70	72	69	62	56
71-8-4	44	58	66	71	73	70	63	57

Model	63	125	250	500	1000	2000	4000	8000
71-12-0.75	29	44	52	57	59	56	49	38
71-12-1	30	46	54	59	61	58	51	40
71-12-1.5	31	46	54	59	61	58	51	40
80-4-3	57	77	85	90	92	89	82	73
80-4-4	56	76	84	89	91	88	81	74
80-4-5.5	56	76	84	89	91	88	81	70
80-6-1.5	49	66	74	79	81	78	71	60
80-6-2	50	67	75	80	82	79	72	61
80-6-3	51	68	76	81	83	80	73	62
80-8-0.75	47	60	68	73	75	72	65	54
80-8-1	48	61	69	74	76	73	66	55
80-8-3	42	62	70	75	77	74	67	58
80-8-4	41	61	69	74	76	73	66	59
80-8-5.5	40	60	68	73	75	72	65	59
80-12-1.5	34	49	57	62	64	61	54	43
80-12-2	35	50	58	63	65	62	55	44
80-12-3	36	51	59	64	66	63	56	45
90-4-4	61	82	89	94	97	93	86	79
90-4-5.5	60	81	88	93	96	92	85	74
90-4-7.5	59	80	87	92	95	91	84	73
90-4-9	58	79	86	91	94	90	83	72
90-4-10	58	79	86	91	94	90	83	72
90-6-2	49	70	77	82	85	81	74	63
90-6-3	56	70	77	82	85	81	74	63
90-6-4	57	72	79	84	87	83	76	65
90-8-1	42	63	70	75	78	74	67	56
90-8-2	51	66	73	78	81	77	70	59
90-8-3	52	66	73	78	81	77	70	59
90-8-4	46	67	74	79	82	78	71	64
90-8-5.5	45	66	73	78	81	77	70	59
90-8-7.5	43	64	71	76	79	75	68	57
90-8-9	43	64	71	76	79	75	68	57
90-12-2	32	53	60	65	68	64	57	46
90-12-3	41	53	60	65	68	64	57	46
90-12-4	42	55	62	67	70	66	59	48
100-4-7.5	64	84	92	97	99	96	89	78
100-4-9	63	83	91	96	98	95	88	77
100-4-10	62	82	90	95	97	94	87	76
100-4-15	61	81	89	94	96	93	86	75
100-4-20	63	83	91	96	98	95	88	77
100-6-3	61	72	80	85	87	84	77	66
100-6-4	64	72	80	85	87	84	77	66
100-6-5.5	64	73	81	86	88	85	78	67
100-8-2	56	66	74	79	81	78	71	60
100-8-3	57	68	76	81	83	80	73	62
100-8-4	58	68	76	81	83	80	73	62
100-8-7.5	49	69	77	82	84	81	74	63
100-8-9	48	68	76	81	83	80	73	62
100-8-15	46	66	74	79	81	78	71	60
100-8-20	47	67	75	80	82	79	72	61
100-12-3	46	55	63	68	70	67	60	49
100-12-4	48	55	63	68	70	67	60	49
100-12-5.5	49	56	64	69	71	68	61	50
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

Acoustic characteristics

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

Model	63	125	250	500	1000	2000	4000	8000
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

Model	63	125	250	500	1000	2000	4000	8000
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


INT


IAT


CABLE BOX


C2V


AET


CENTRAL CO

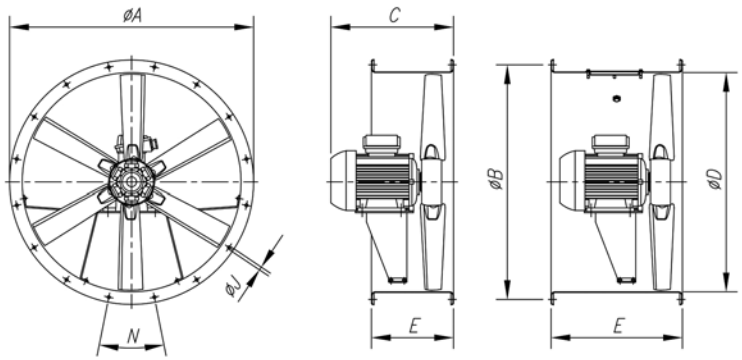

VSD3/A-RFT


P-400


R


RI

Dimensions mm



Short **Long**

(Standard)

C (Consult motor size, depending on power)

Model	ØA	ØB	80	90S	90L	100	112	132S	132M	132ML	160M	160L	180M	180L	200L	225	250	280	ØD	E Short	E Long	ØJ	N
THT-40	490	450	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	-	410	250	400	12	8x45º
THT-45	540	500	348	364	389	-	-	-	-	-	-	-	-	-	-	-	-	-	460	250	400	12	8x45º
THT-50	600	560	339	364	389	-	-	-	-	-	-	-	-	-	-	-	-	-	514	250	400	12	12x30º
THT-50	600	560	-	-	-	419	438	-	-	-	-	-	-	-	-	-	-	-	514	250	500	12	12x30º
THT-56	660	620	275	364	389	-	-	-	-	-	-	-	-	-	-	-	-	-	560	250	400	12	12x30º
THT-56	660	620	-	-	-	416	432	480	518	-	-	-	-	-	-	-	-	-	560	250	500	12	12x30º
THT-56	660	620	-	-	-	-	-	-	-	-	620	-	-	-	-	-	-	-	560	250	650	12	12x30º
THT-63	730	690	339	359	389	-	-	-	-	-	-	-	-	-	-	-	-	-	640	250	400	12	12x30º
THT-63	730	690	-	-	-	420	437	-	-	-	-	-	-	-	-	-	-	-	640	250	500	12	12x30º
THT-63	730	690	-	-	-	-	-	539	577	-	-	-	-	-	-	-	-	-	640	250	650	12	12x30º
THT-63	730	690	-	-	-	-	-	-	-	-	630	674	-	-	-	-	-	-	640	350	650	12	12x30º
THT-71	810	770	366	379	404	-	-	-	-	-	-	-	-	-	-	-	-	-	710	300	430	12	16x22º30'
THT-71	810	770	-	-	-	438	433	-	-	-	-	-	-	-	-	-	-	-	710	300	500	12	16x22º30'
THT-80	900	860	-	-	422	456	472	-	-	-	-	-	-	-	-	-	-	-	800	300	500	12	16x22º30'
THT-80	900	860	-	-	-	-	-	515	-	-	-	-	-	-	-	-	-	-	800	300	600	12	16x22º30'
THT-90	1015	970	-	-	-	466	482	525	565	590	-	-	-	-	-	-	-	-	900	350	600	15	16x22º30'
THT-100	1115	1070	-	-	-	-	482	525	565	590	-	-	-	-	-	-	-	-	1000	450	600	15	16x22º30'
THT-100	1115	1070	-	-	-	-	-	-	-	-	695	695	-	-	-	-	-	-	1000	450	700	15	16x22º30'
THT-125	1365	1320	-	-	-	-	-	561	601	-	-	-	-	-	-	-	-	-	1250	500	700	15	20x18º
THT-125	1365	1320	-	-	-	-	-	-	-	626	695	695	-	-	-	-	-	-	1250	500	700	15	20x18º
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	740	740	860	-	-	-	1250	500	900	15	20x18º
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	907	-	-	1250	500	1000	15	20x18º
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	987	-	1250	600	1000	15	20x18º
THT-125	1365	1320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1077	1250	600	1200	15	20x18º
THT-140	1515	1470	-	-	-	-	-	532	570	-	-	-	-	-	-	-	-	-	1400	400	650	15	20x18º
THT-140	1515	1470	-	-	-	-	-	-	-	-	650	700	-	-	-	-	-	-	1400	450	700	15	20x18º
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1400	550	900	15	20x18º
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1400	550	900	15	20x18º
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1400	550	1000	15	20x18º
THT-140	1515	1470	-	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1400	600	1000	15	20x18º
THT-160	1735	1680	-	-	-	-	-	532	570	-	-	-	-	-	-	-	-	-	1600	400	650	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	1600	450	700	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	765	-	-	-	-	1600	550	900	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	825	-	-	-	1600	550	1000	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	910	-	-	1600	550	1000	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	985	-	1600	600	1000	19	24x15º
THT-160	1735	1680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1190	1600	700	1000	19	24x15º

* Standard version supplied with short casing. Long casing with inspection hatch available on request.

Motor construction sizes, depending on power (1 speed)

hp

	0.75	1	1.5	2	3	4	5.5	7.5	10	12	15	20	22	25	30	40	50	60	75	100
2T (3000 r/min)	80	80	80	90S	90L	100LB	112M	132S	132S	132MA	160M	160M	160L	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 construction sizes, depending on power (2 speed)

hp

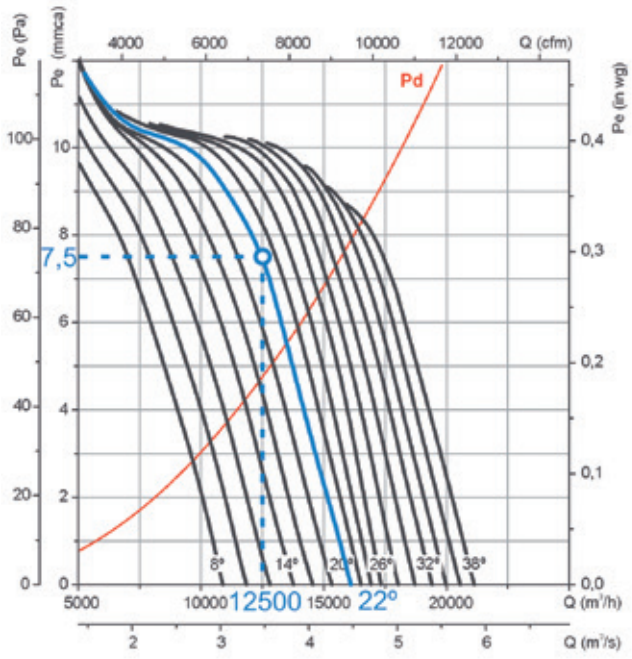
	0.75	1	1.5	2	3	4	5.5	6	7.5	8	9	10	12	15	18	20	22	24	27	37	38	40
2/4(3000/1500 r/min)	-	-	90S	90S	90L	100L	-	112M	-	-	132M	-	160MA	-	160M	-	160L	-	-	-	-	-
4/8(1500/750 r/min)	-	-	90S	100L	100LA	100LC	132S	-	132S	132S	-	132M	-	160M	-	160L	180M	180M	180L	200MLA	200L	225S/M
6/12(1000/500 r/min)	90L	100L	100LB	112M	112M	132MC	160M	160M	160LB	160LB	-	160LB	-	200MLC	160L	200M	-	250SMB	22S/M	-	225S/M	-

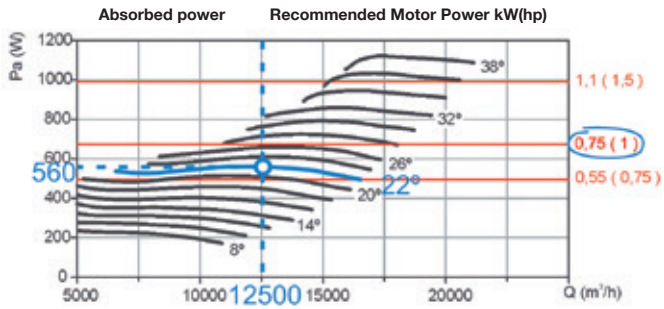
SELECTION EXAMPLE

Characteristic curves **THT** **CJTHT**

Q= Flow rate in m³/h, m³/s and cfm. Pe= Static pressure in mmH$_2$O, Pa and inwg.

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





Starting data
- Working point:
- Flow rate: 12,500 m³/h
- Load loss: 7.5 mm c.a.

Equipment selection steps

On the pressure graph:
- 1. Mark the working point defined by the flow rate (12,500 m³/h) and the load loss (7.5 mm H²O).
- 2. Select the nearest equipment curve above the working point. In this case, a blade angle curve of 22º is obtained.

On the power graph:
- 3. Mark the working point defined by the working flow rate (12,500 m³/h) and the selected blade angle curve (22º).
- 4. Read the absorbed power on the left power axis. Pa= 560 W at the working point.
- 5. Find the nearest straight red line above the working point. The installed motor power is given on the right side of the graph. In this case, 0.75 kW or 1 hp.

ORDER CODE EXAMPLE

THT — 40 — 4T — 2 — 6-20 — F-400

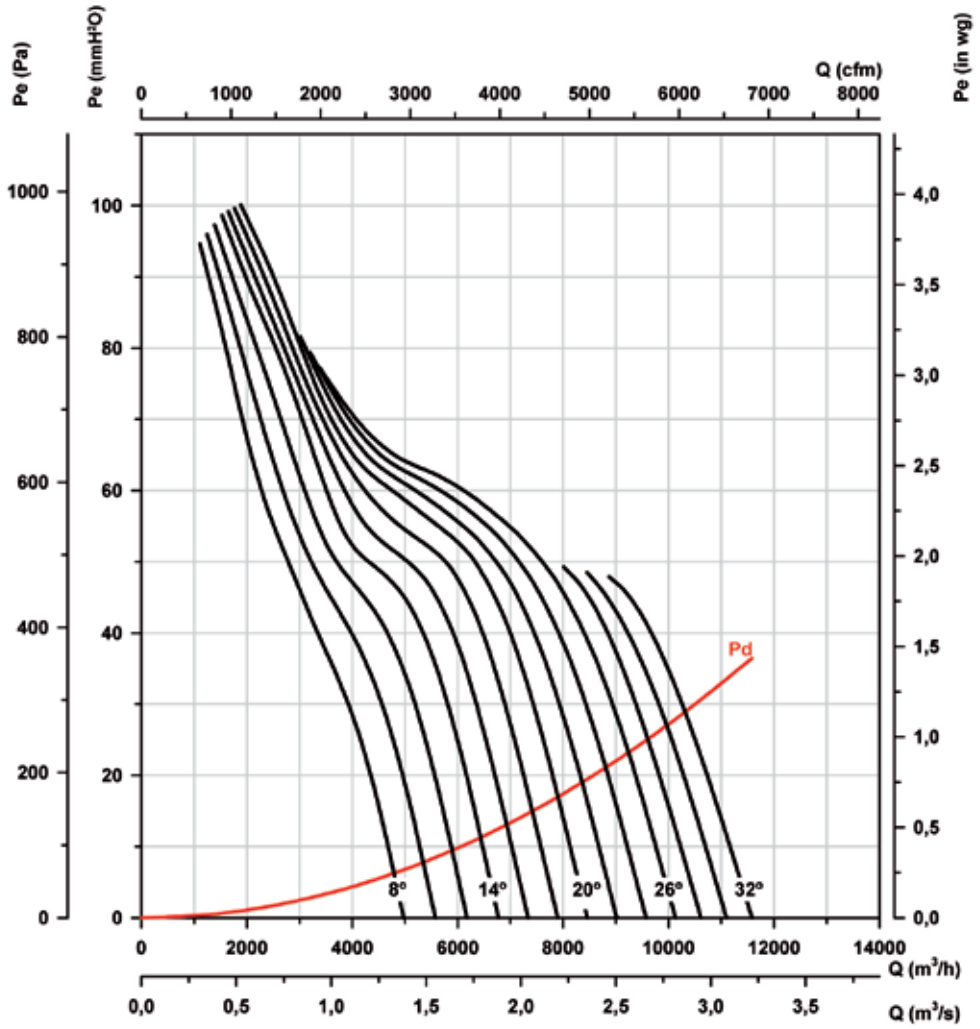
Serial name:	Rotor diameter	Number of motor poles	T= Three-phase	Motor power (hp)	Number of blades	Blade inclination angle	
THT	in cm	2=3500 r/min. 60 Hz	M=Single-phase		3 blades		F-300: 300 °C/2h approved
CJTHT		4=1680 r/min. 60 Hz			6 blades		F-400: 400 °C/2h approved
		6=1080 r/min. 60 Hz			9 blades		CAT3: With ATEX Category
		8=900 r/min. 60 Hz					3 Ex II3G certification
		12=750 r/min. 60 Hz					

Characteristic curves

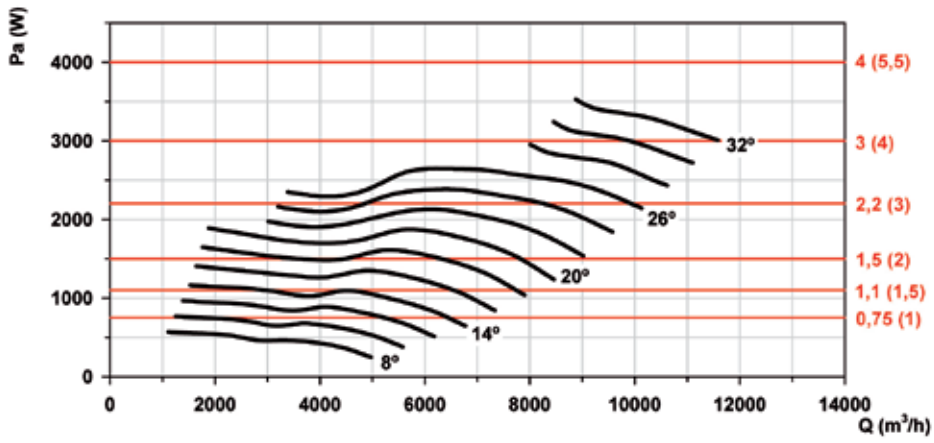
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

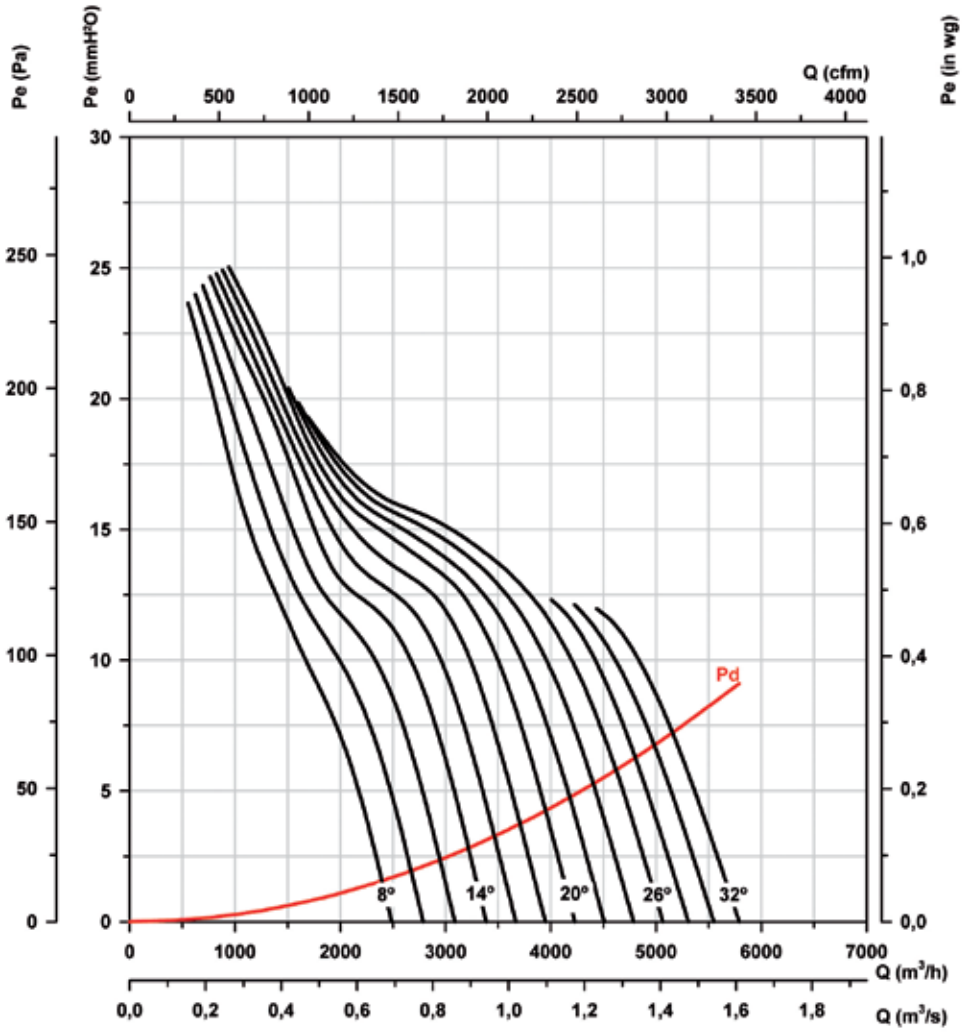


Characteristic curves

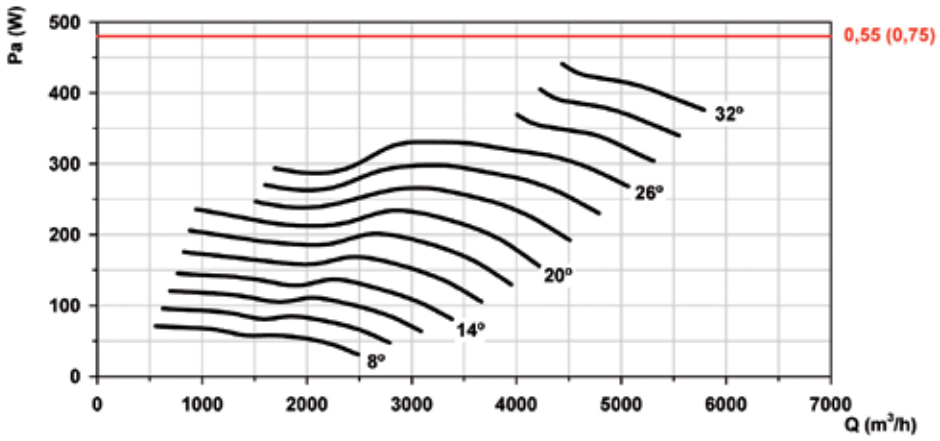
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

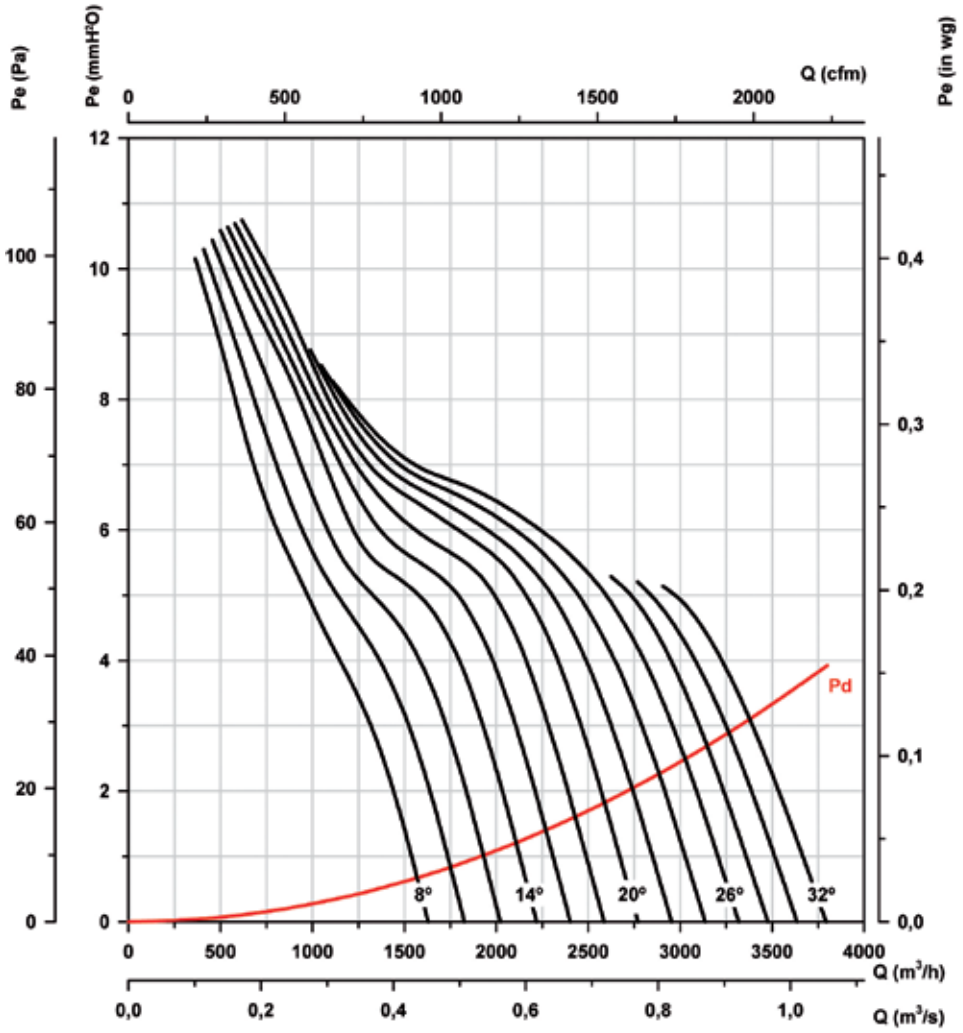


Characteristic curves

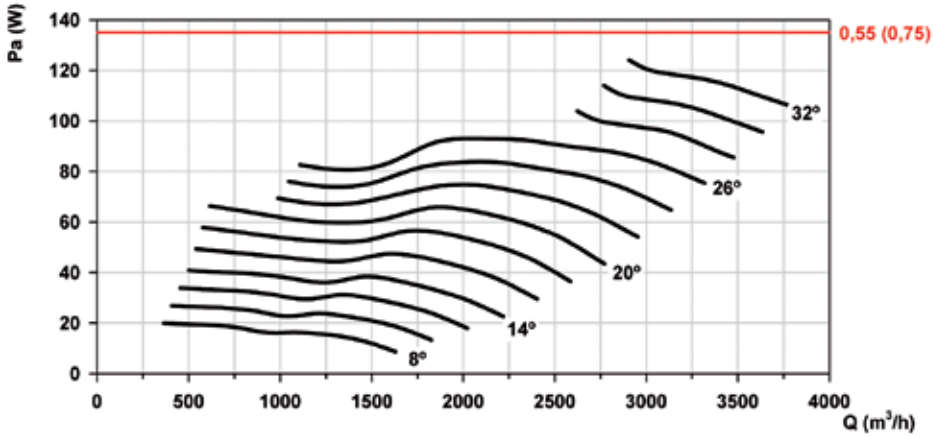
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 40 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

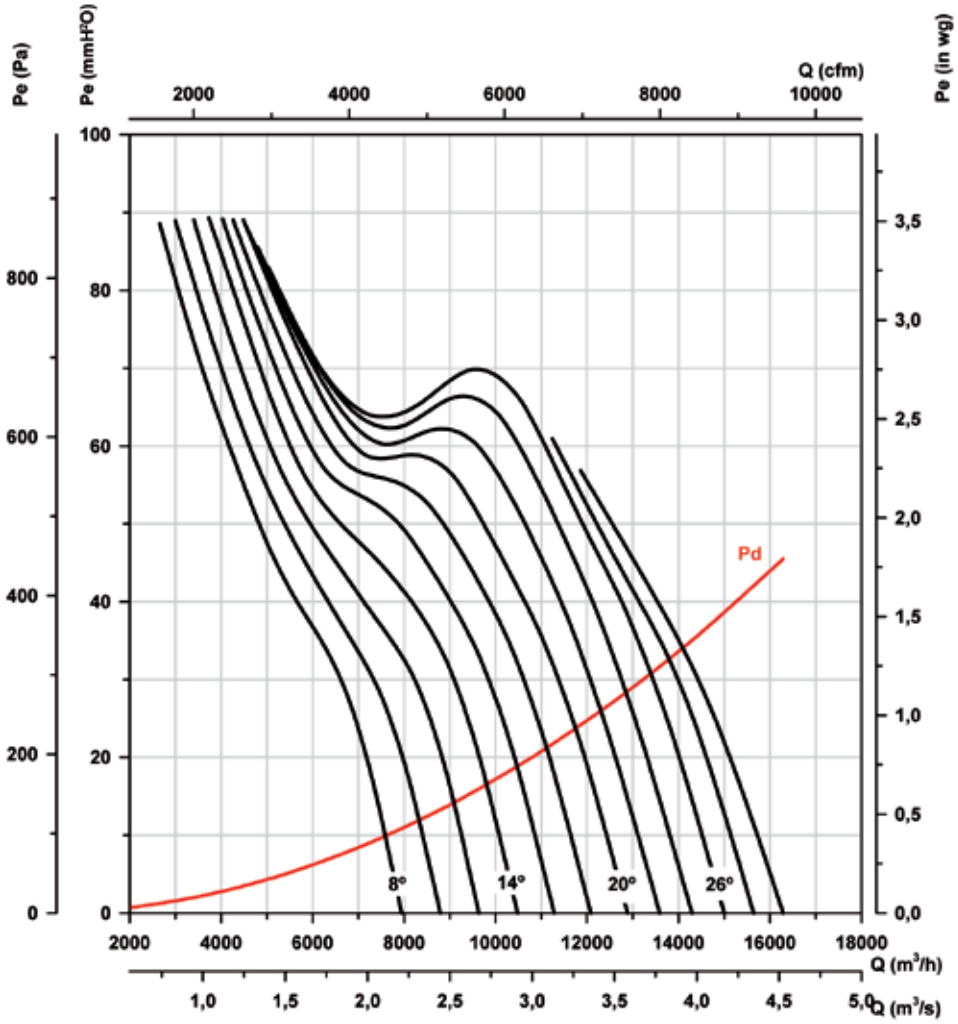


Characteristic curves

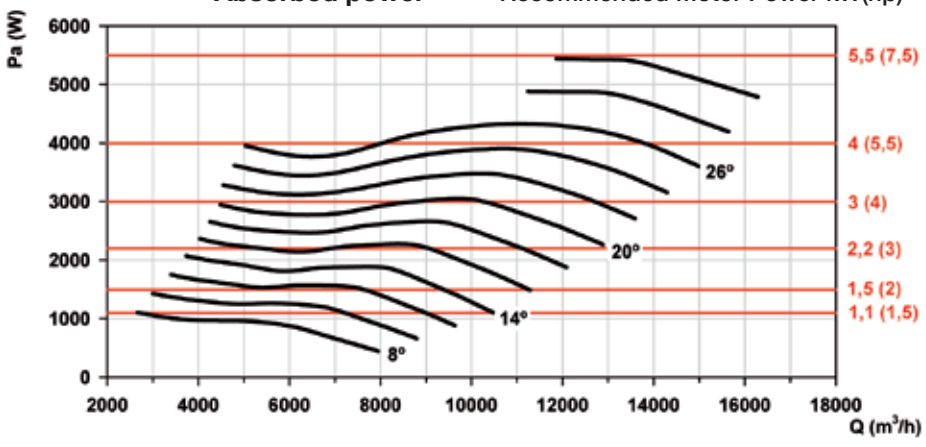
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

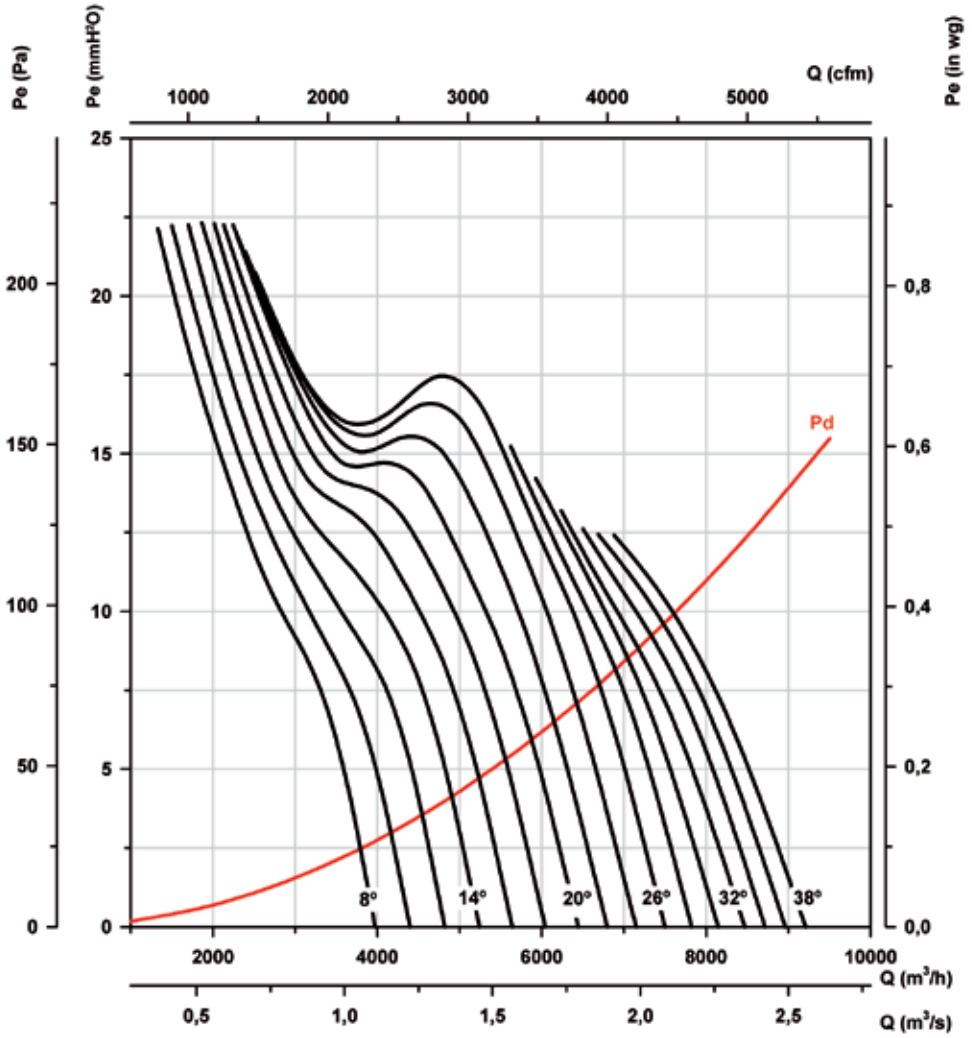


Characteristic curves

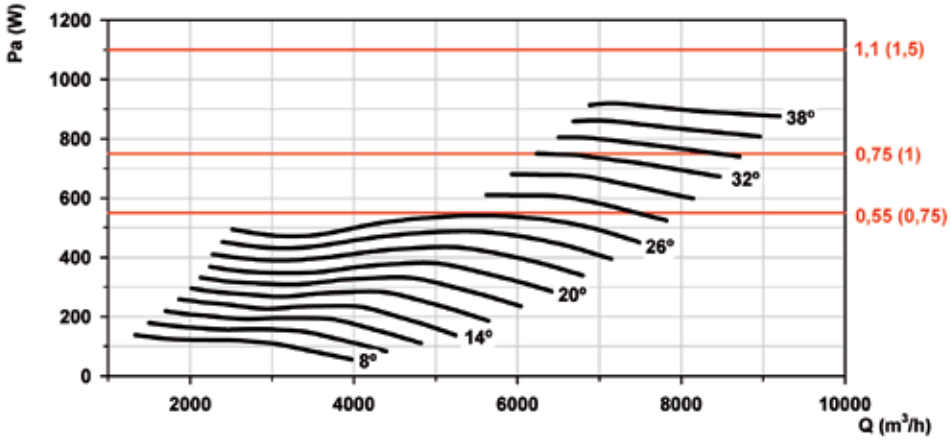
Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

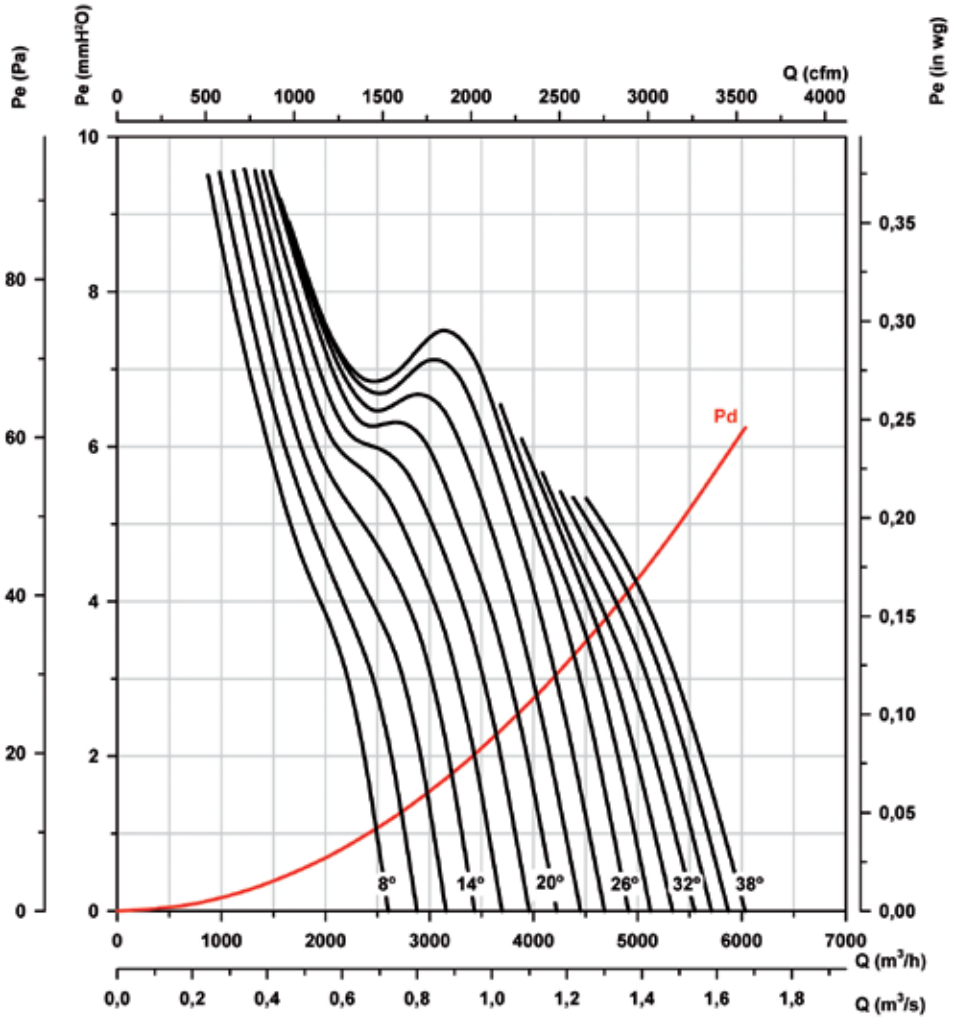


Characteristic curves

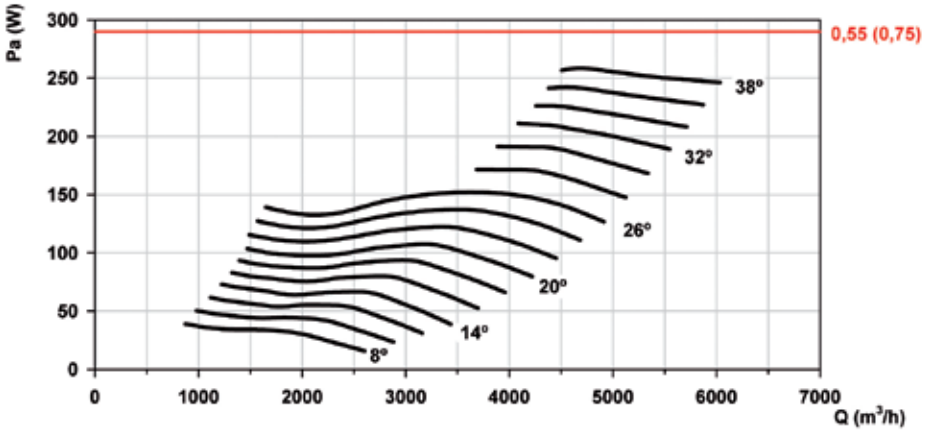
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 45 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

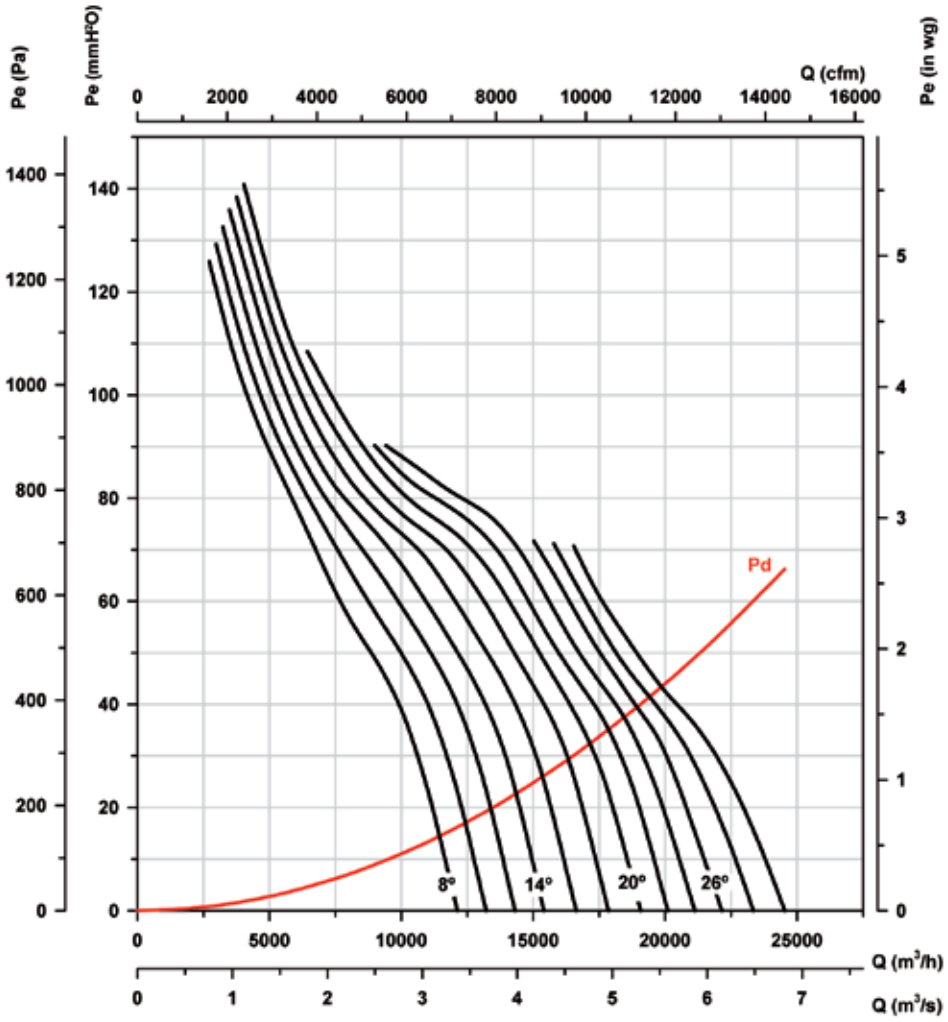


Characteristic curves

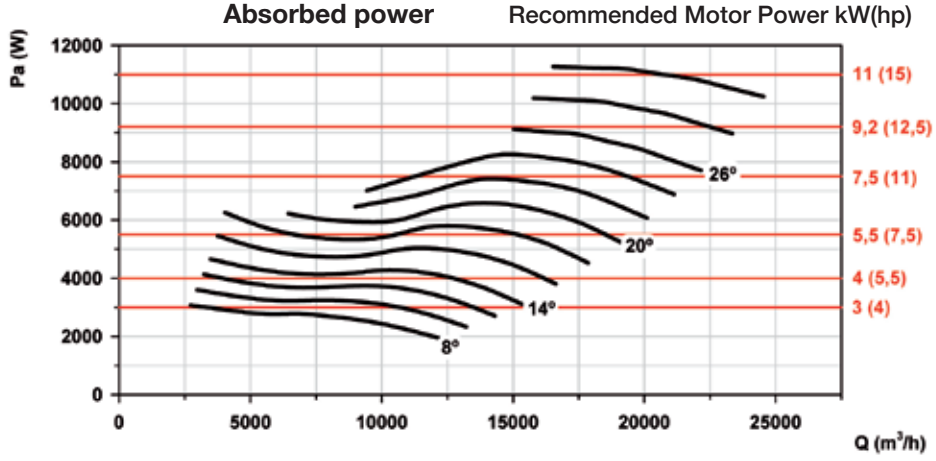
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

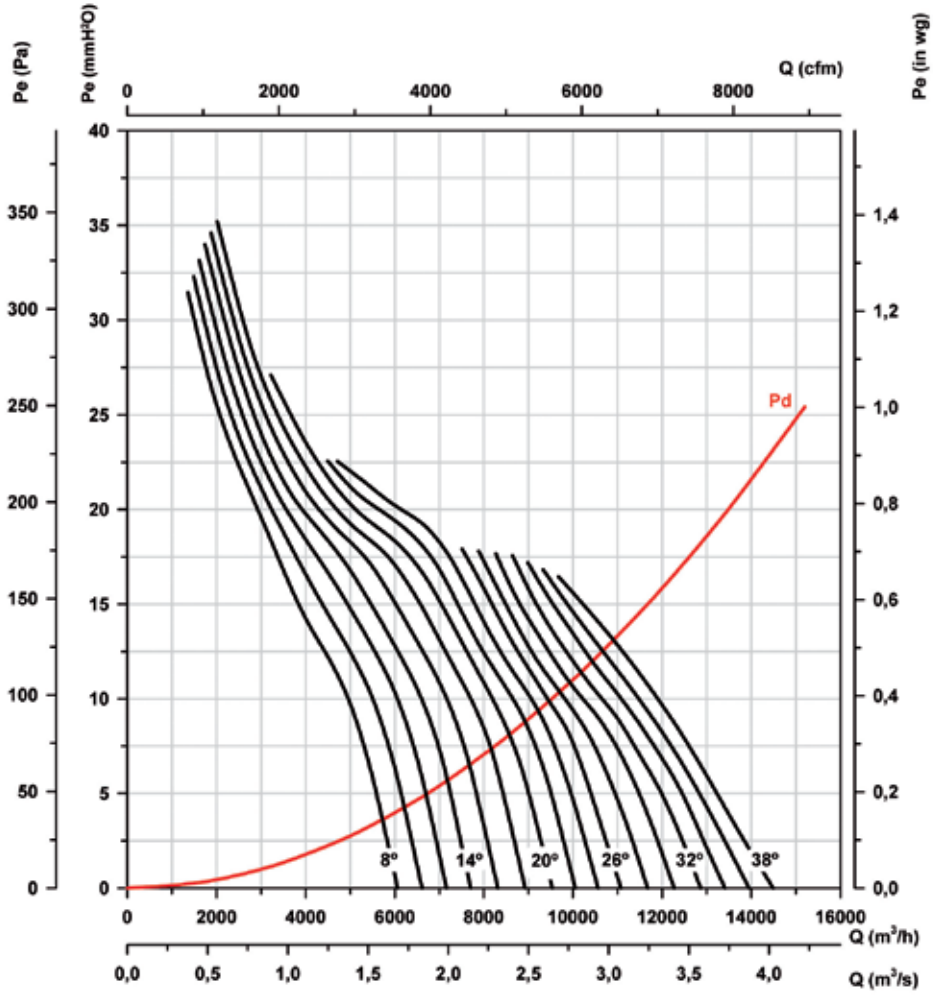


Characteristic curves

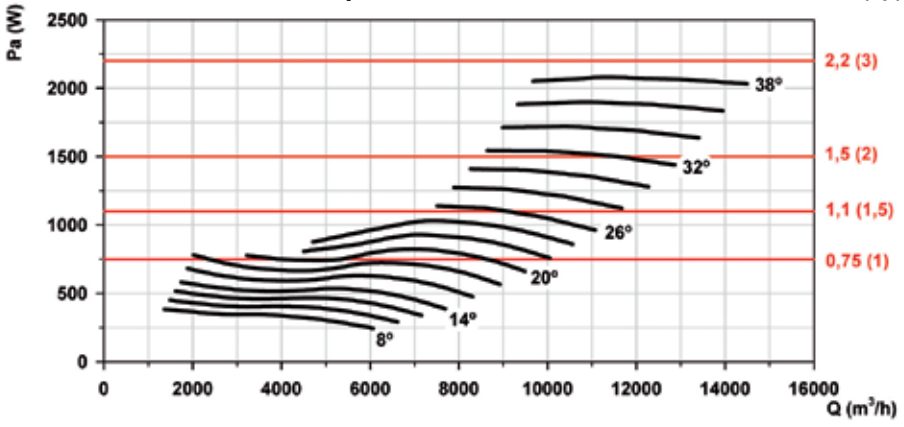
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

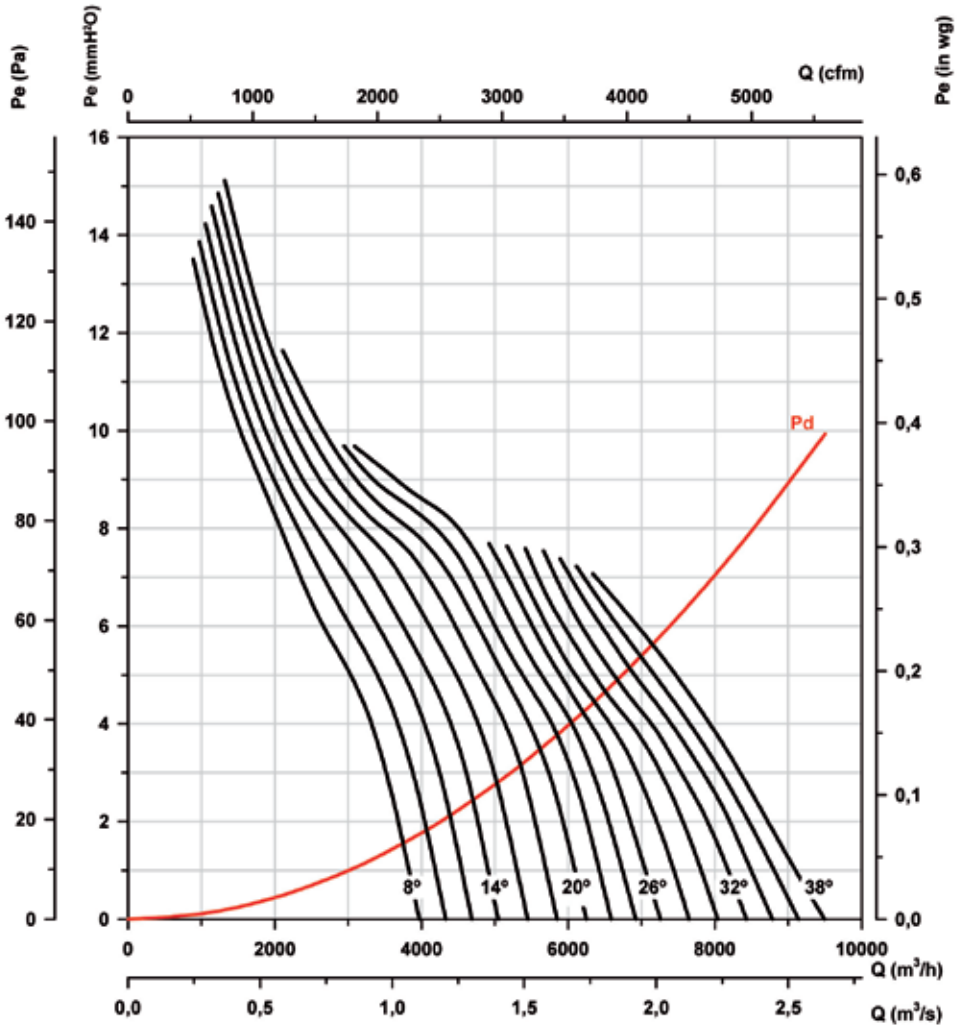


Characteristic curves

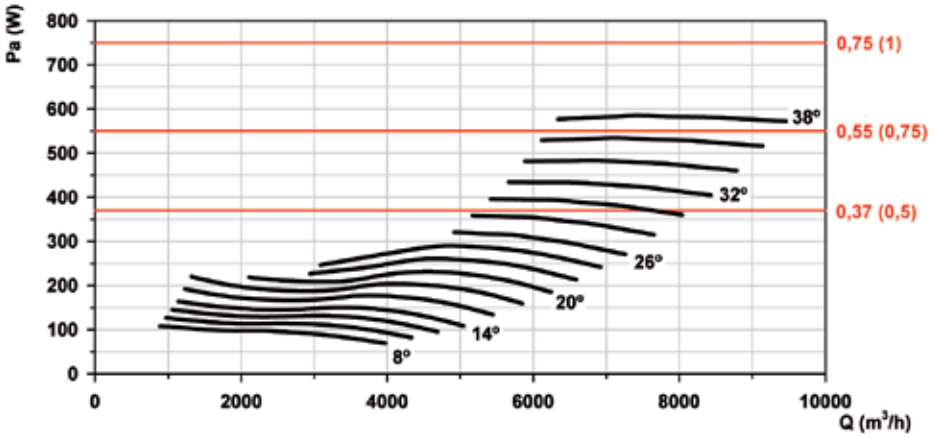
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 50 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

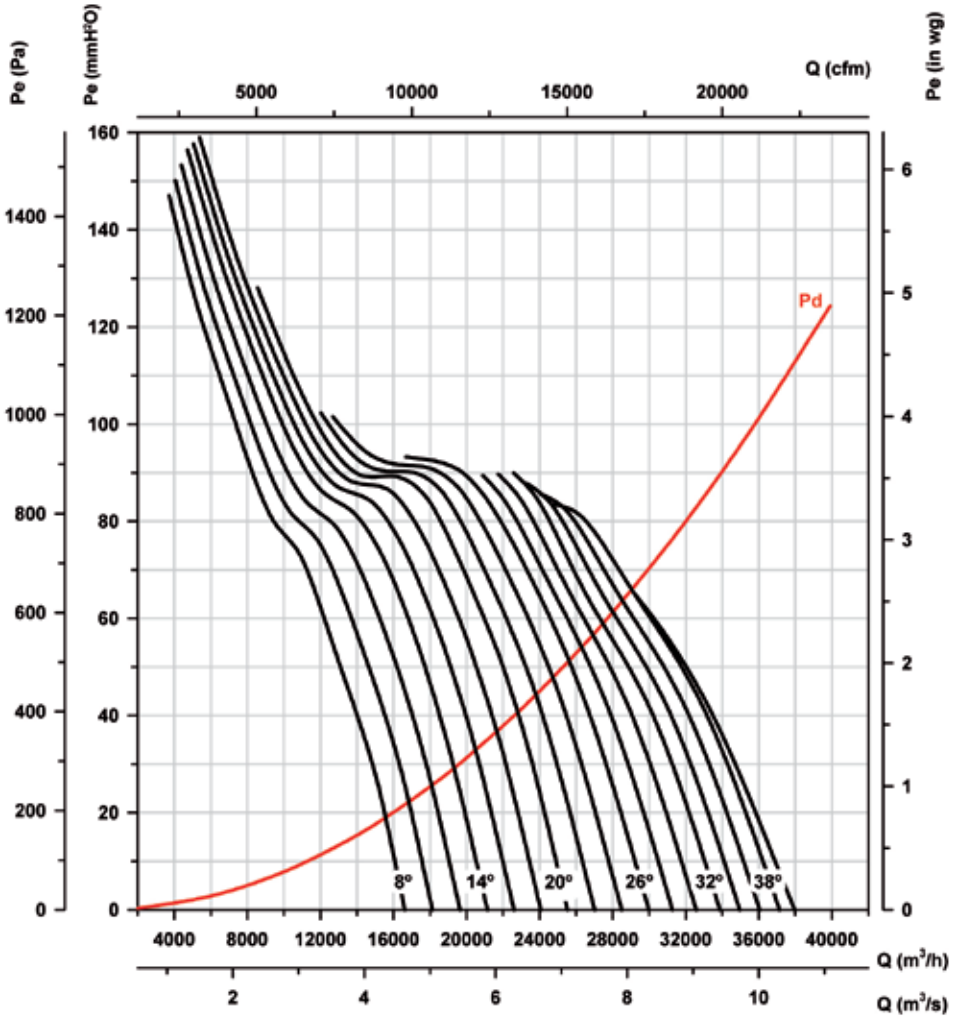


Characteristic curves

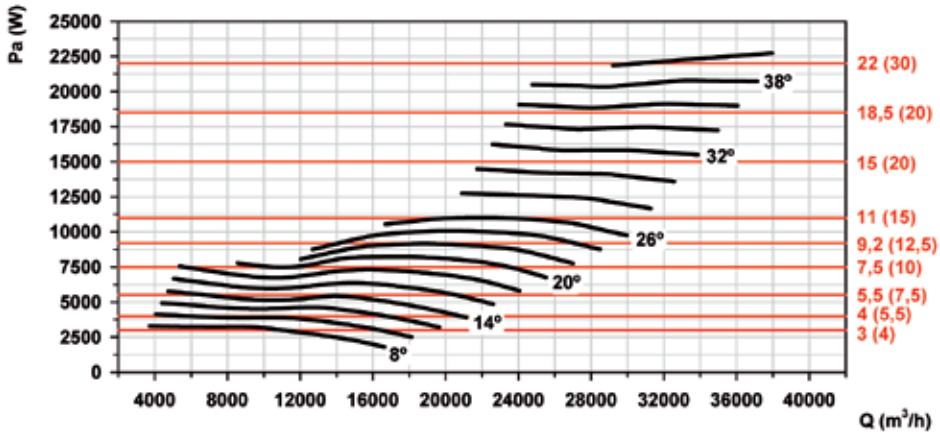
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

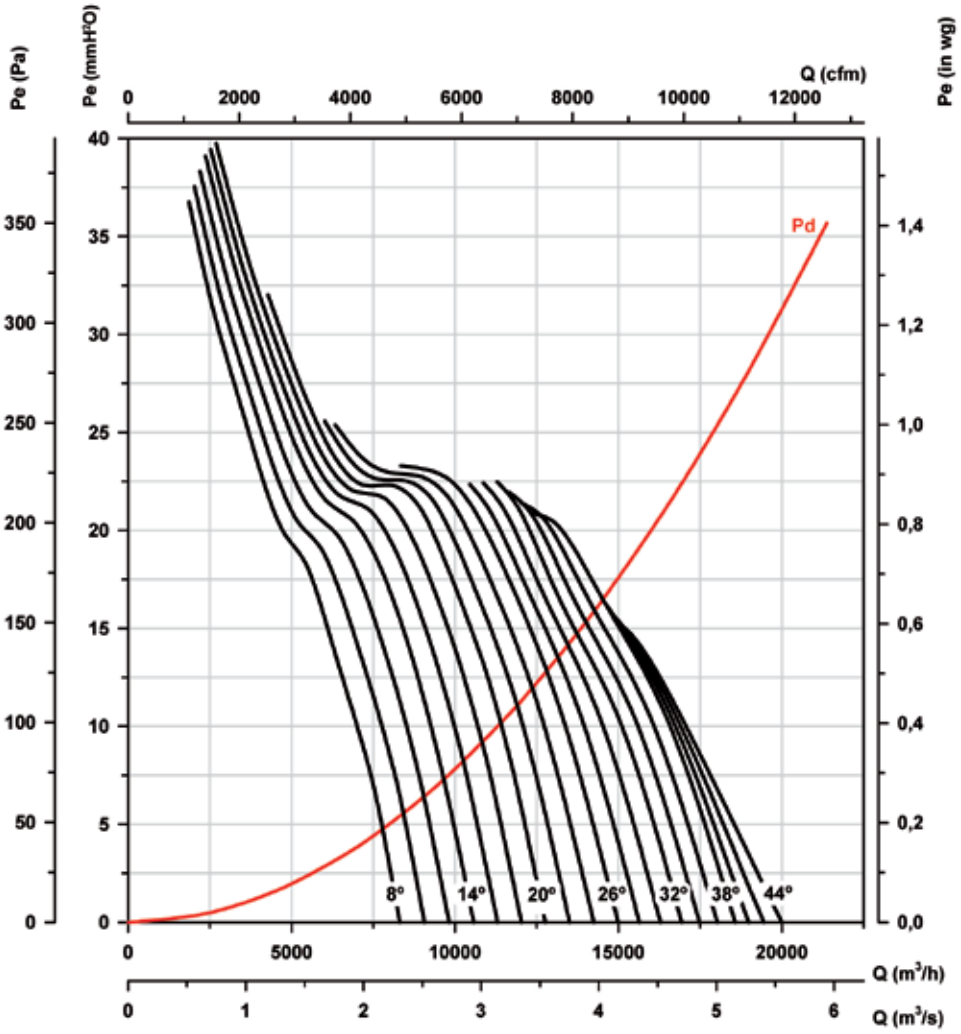


Characteristic curves

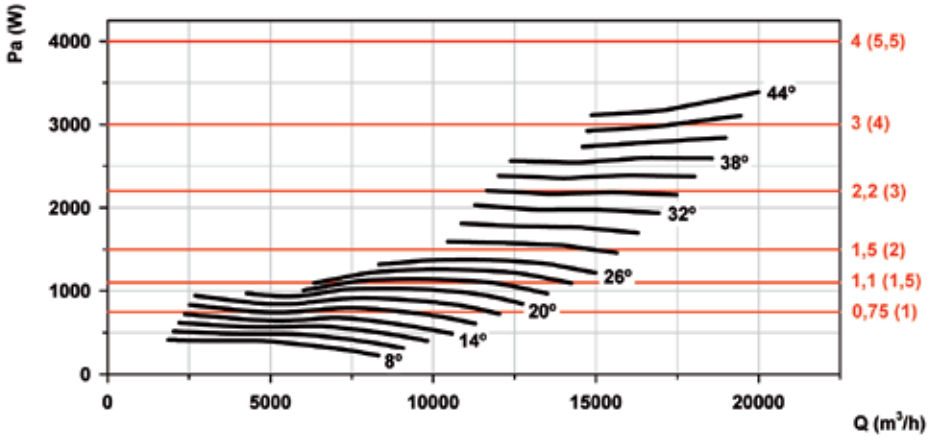
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

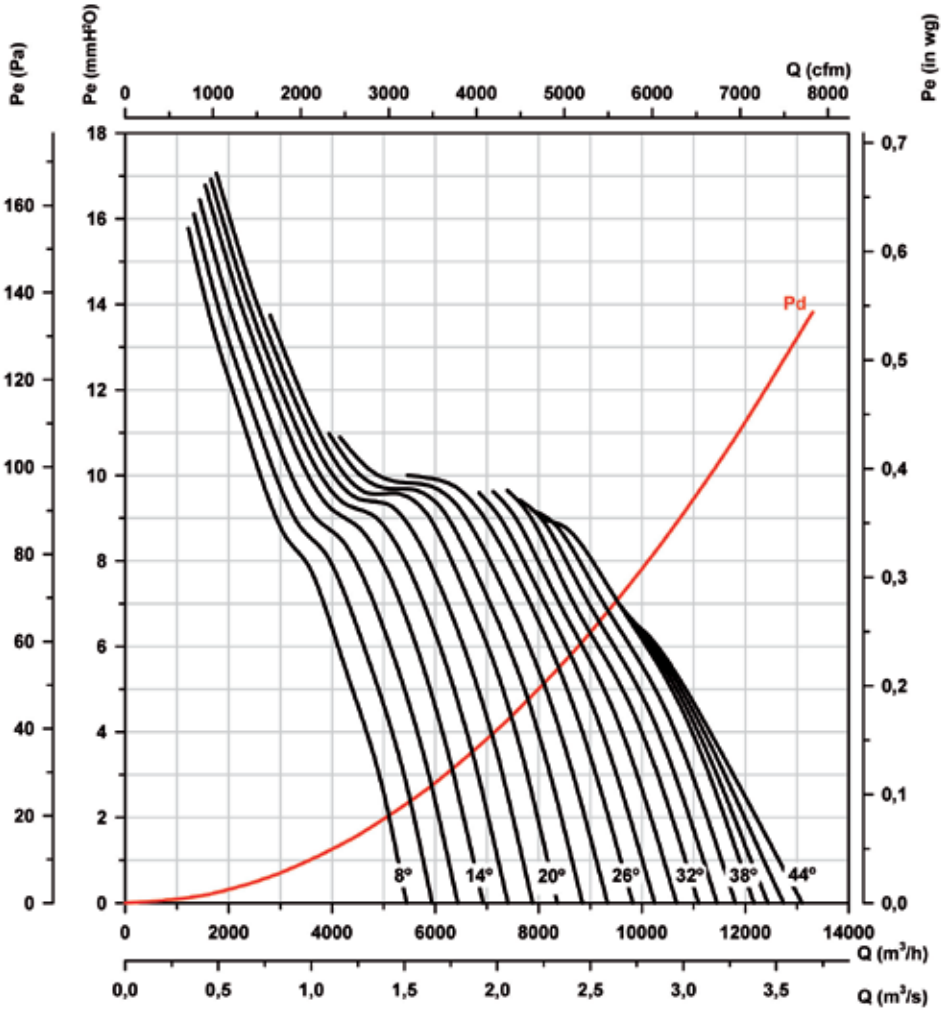


Characteristic curves

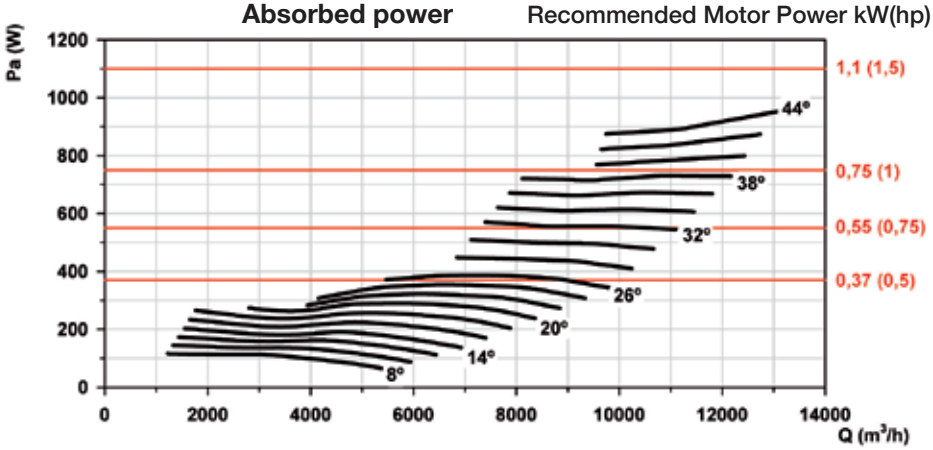
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 56 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

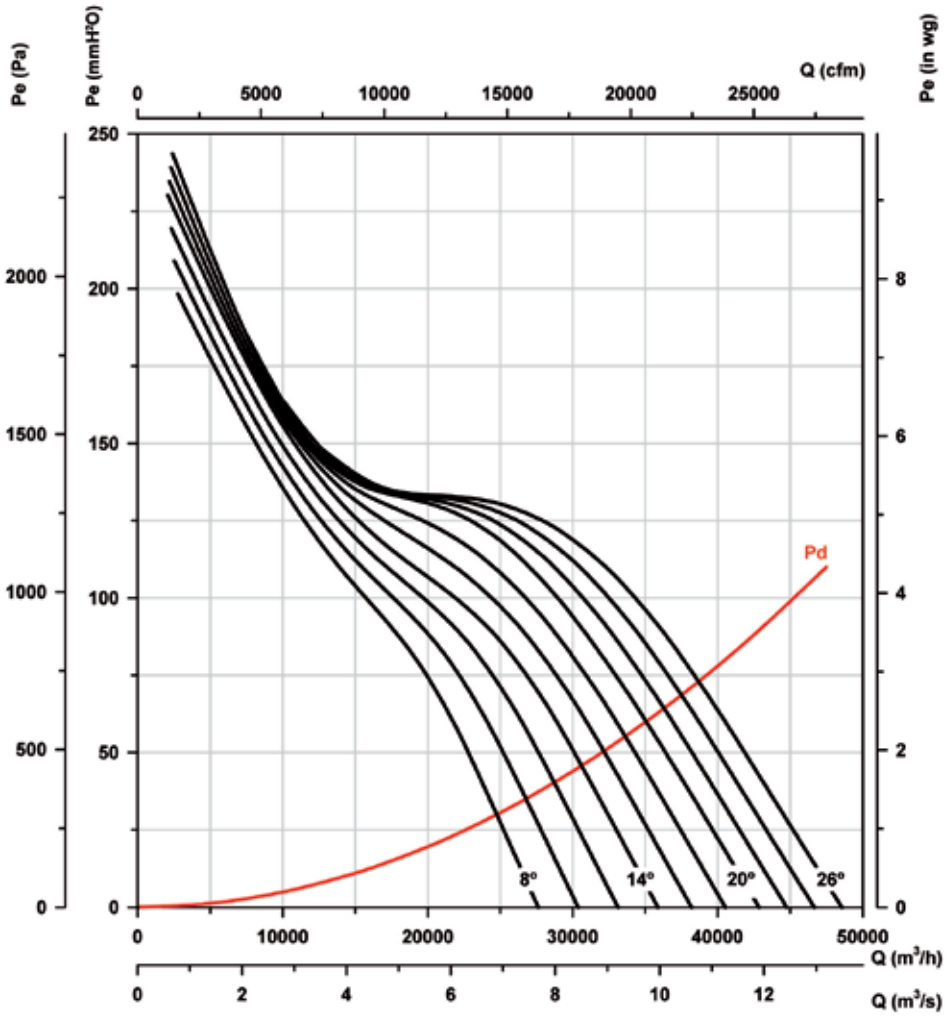


Characteristic curves

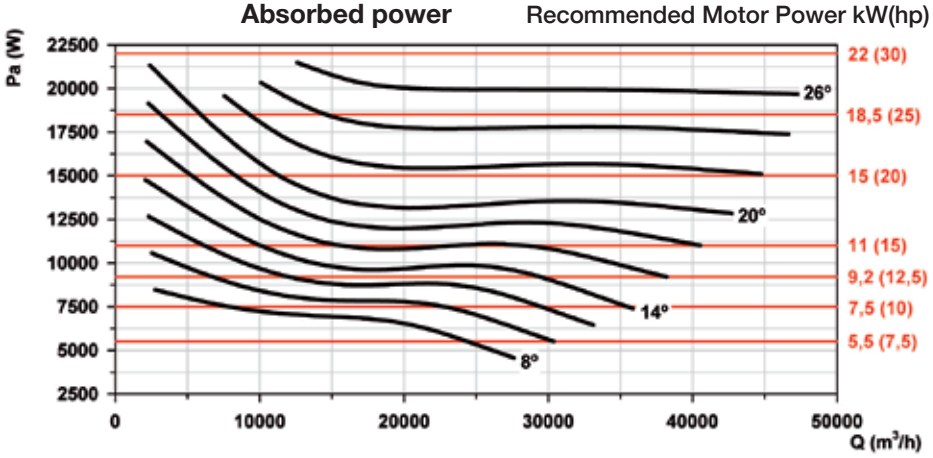
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

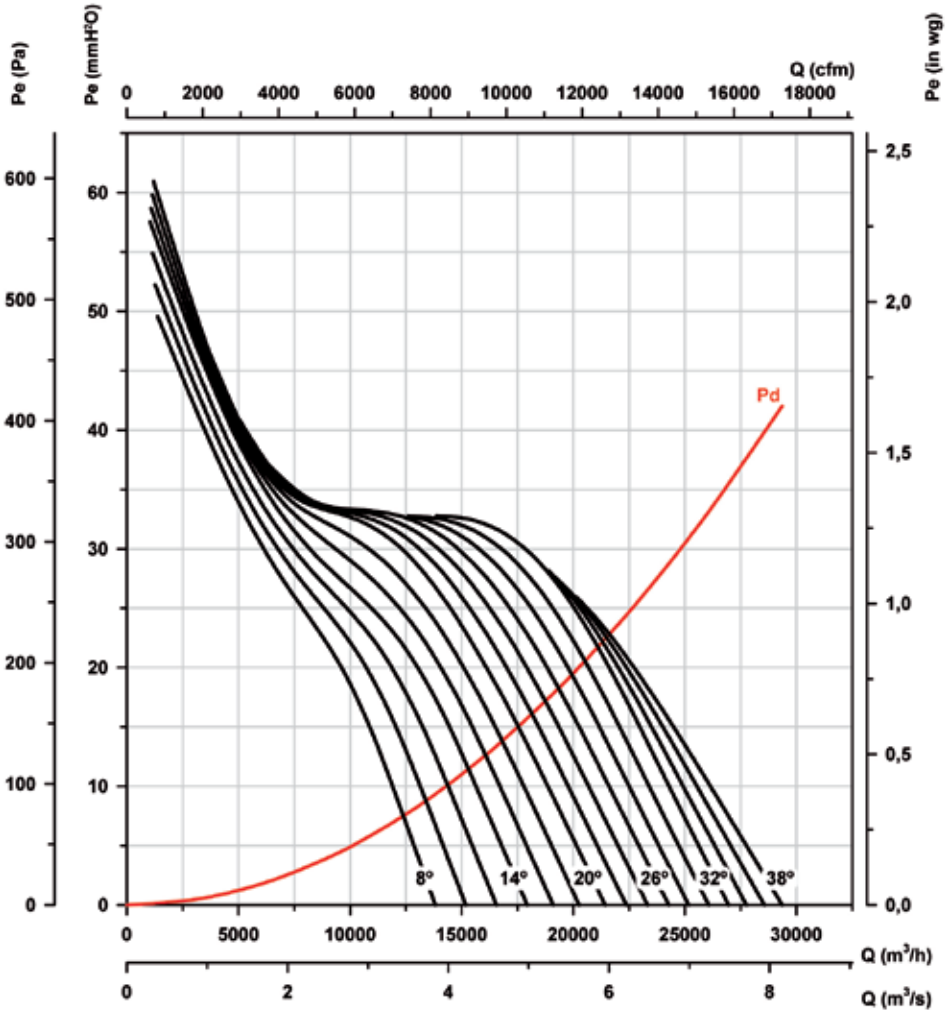


Characteristic curves

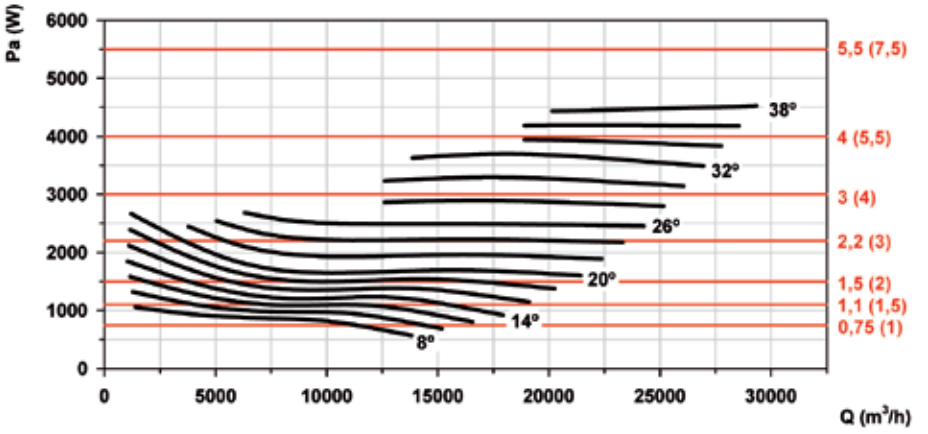
Q= Flow rate in m³/h, m³/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

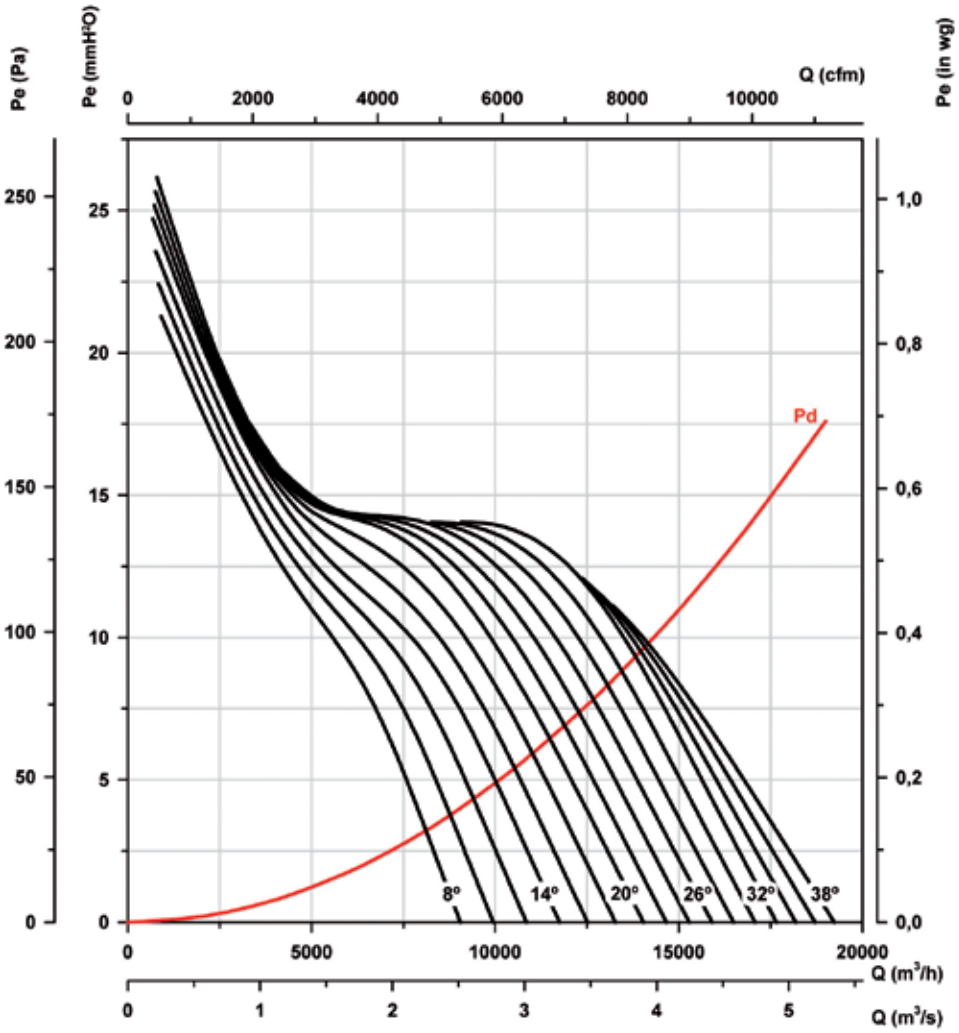


Characteristic curves

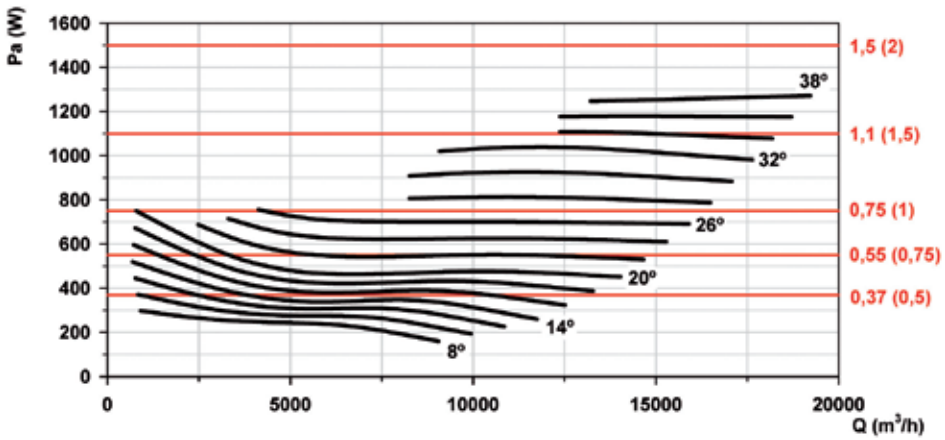
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 63 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

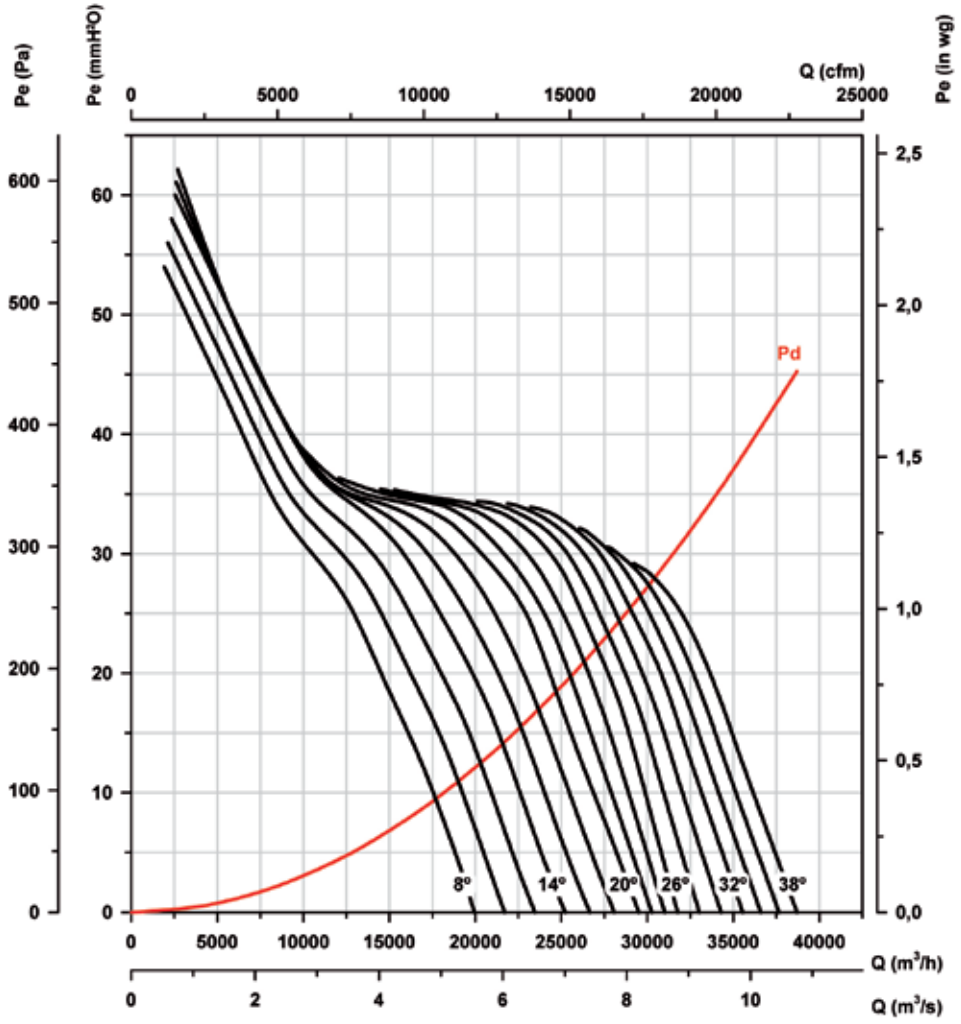


Characteristic curves

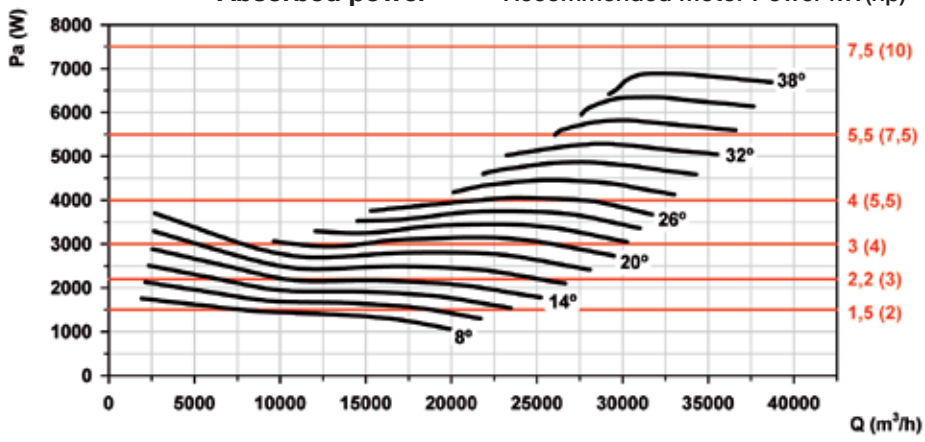
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

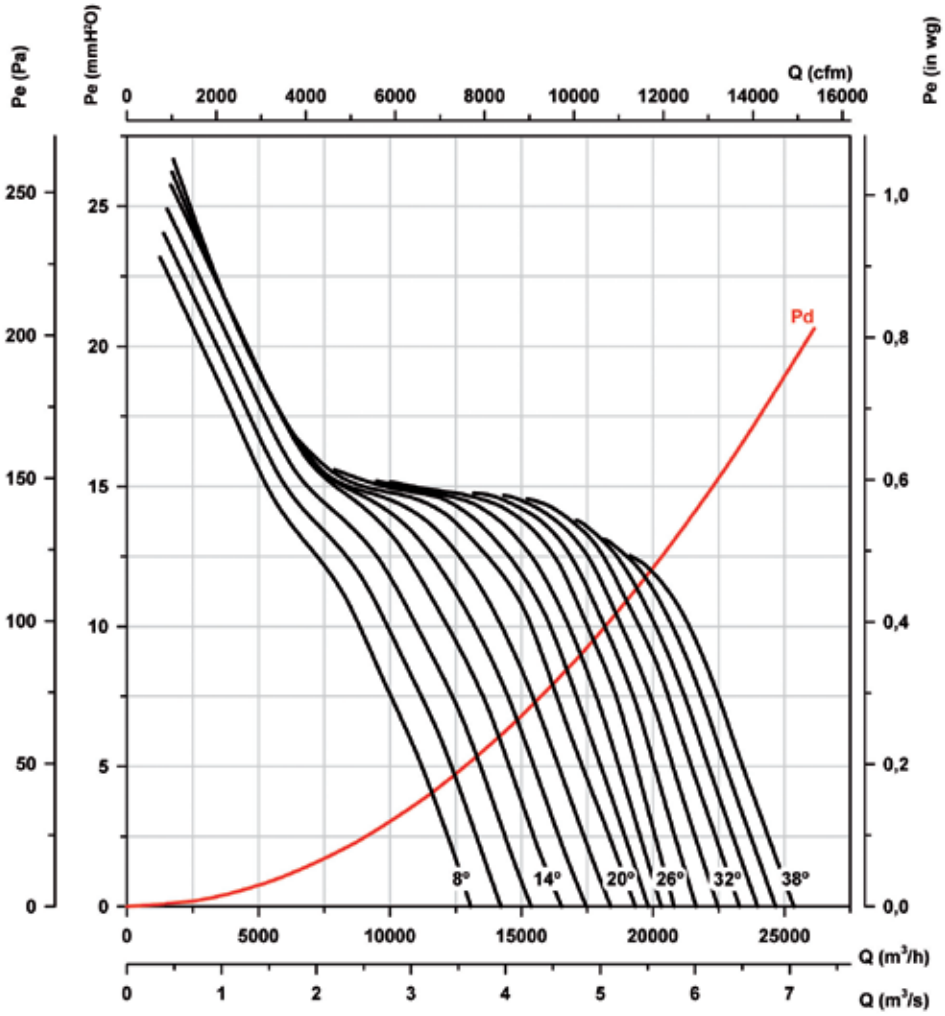


Characteristic curves

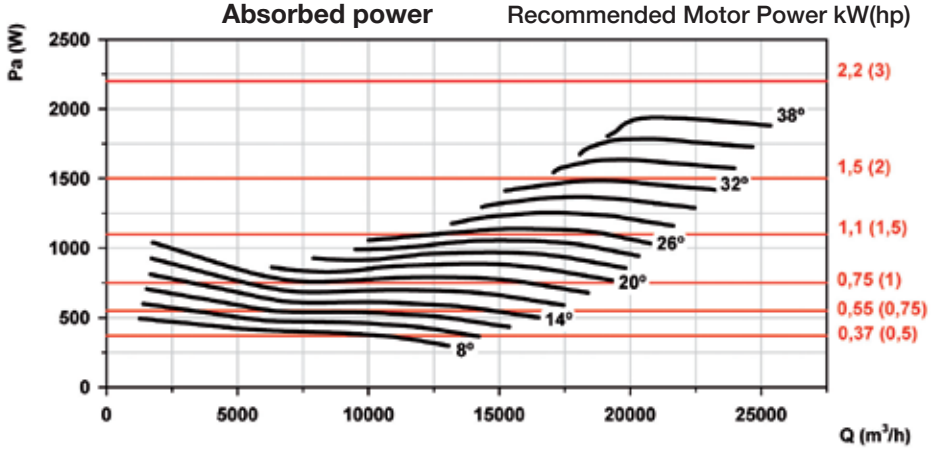
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

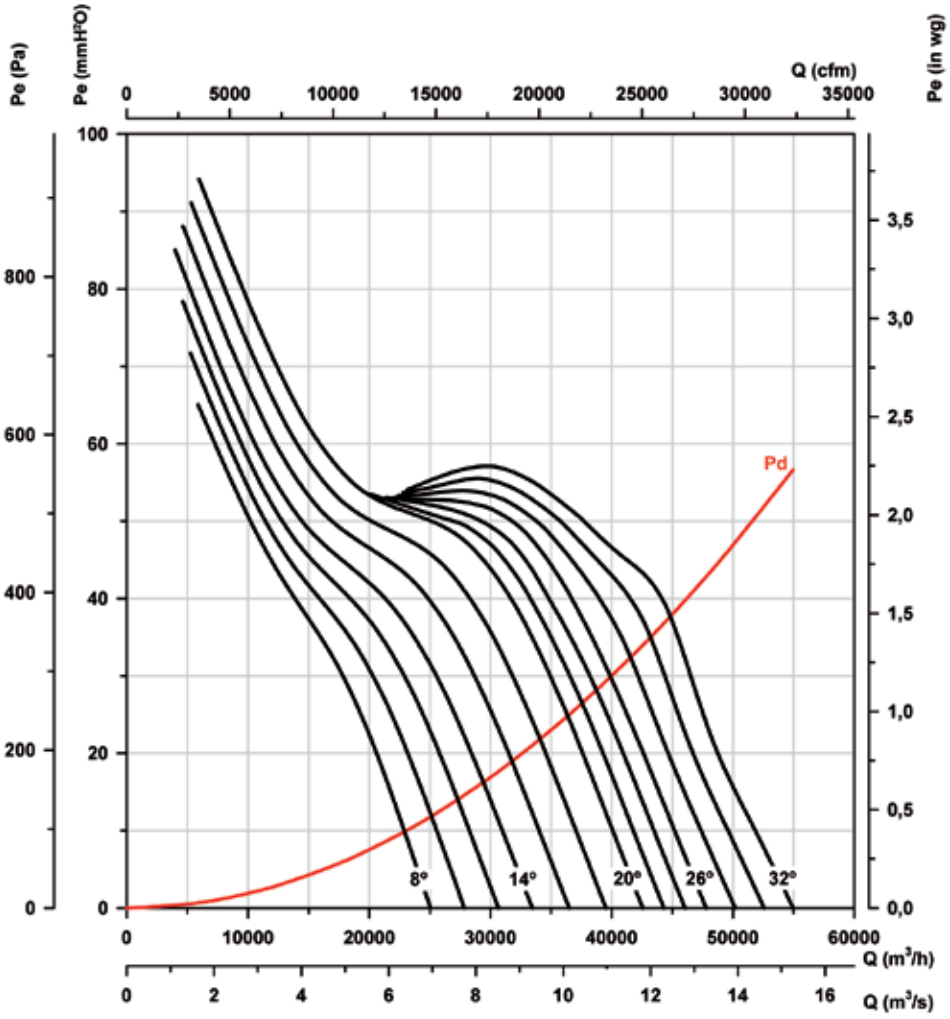


Characteristic curves

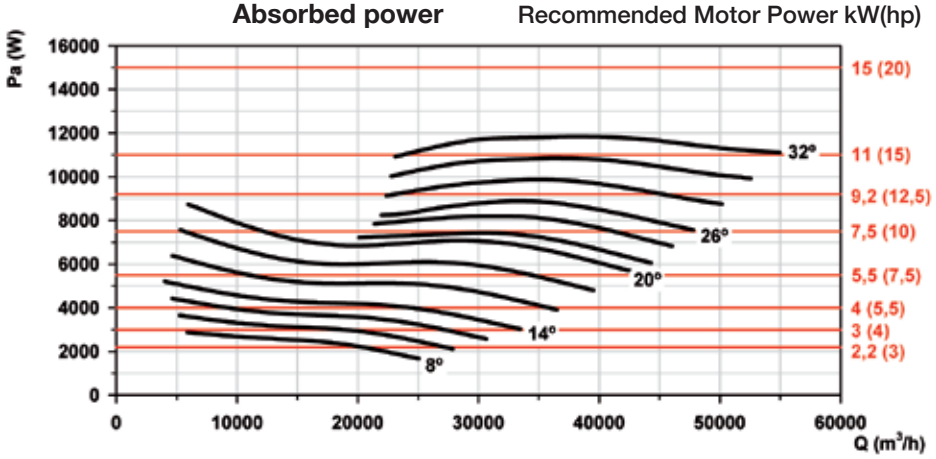
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

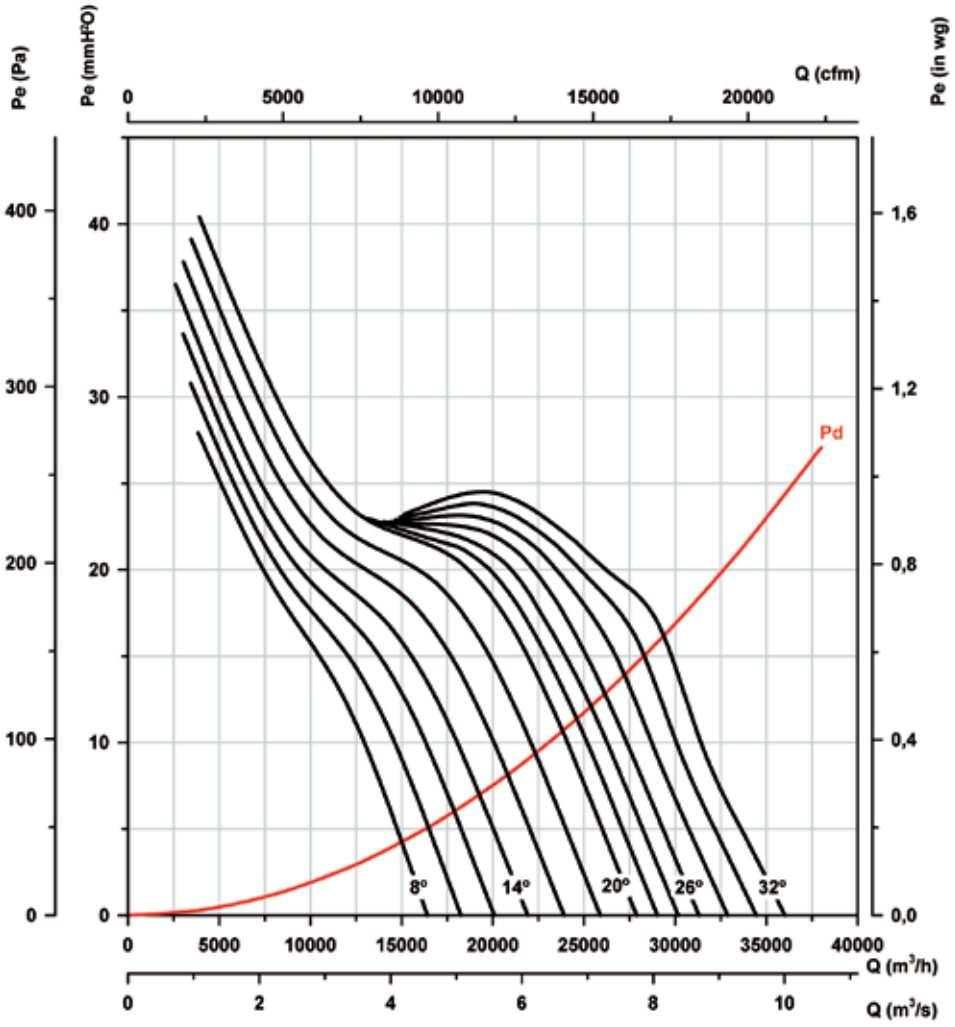


Characteristic curves

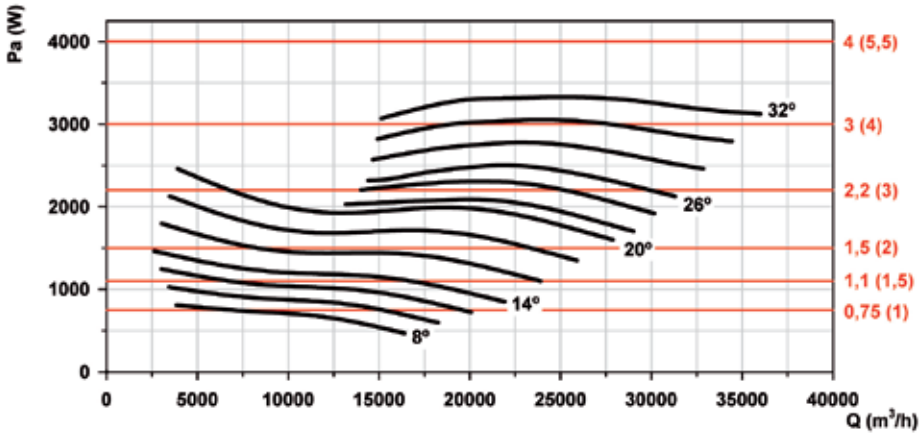
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 80 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

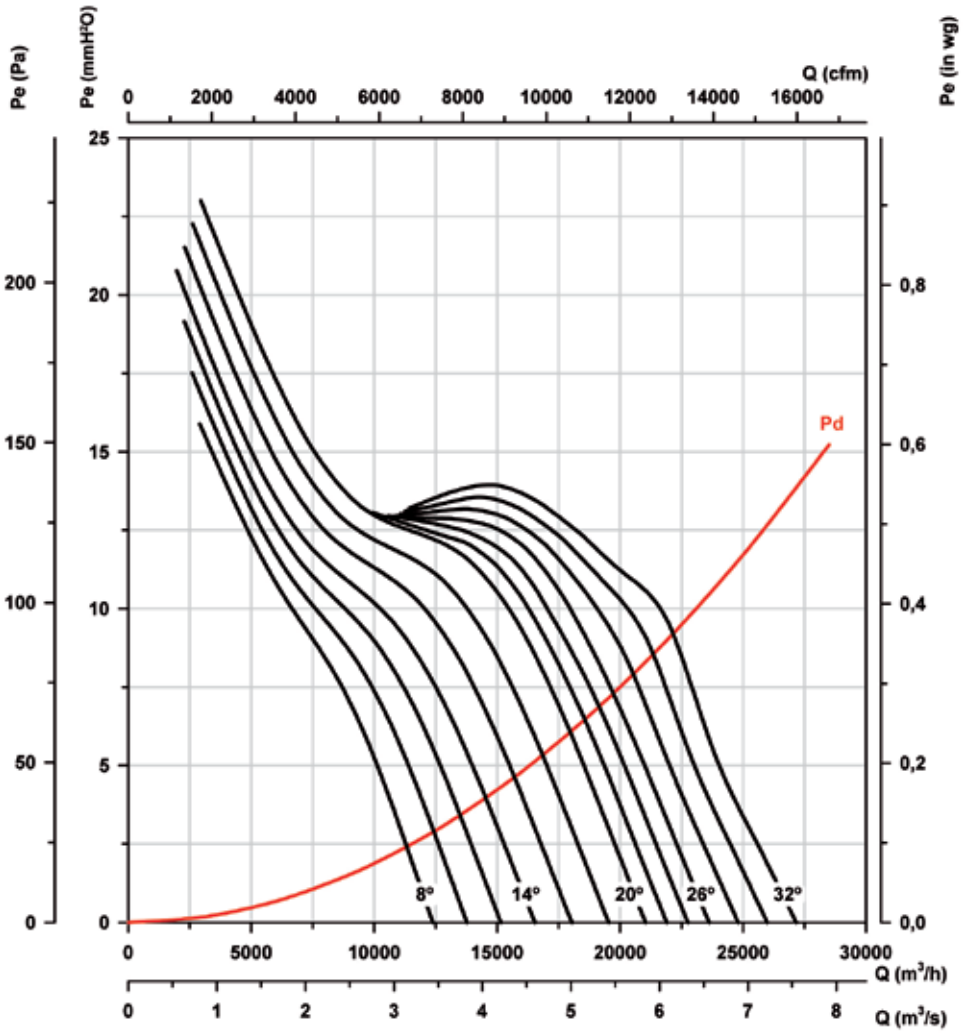


Characteristic curves

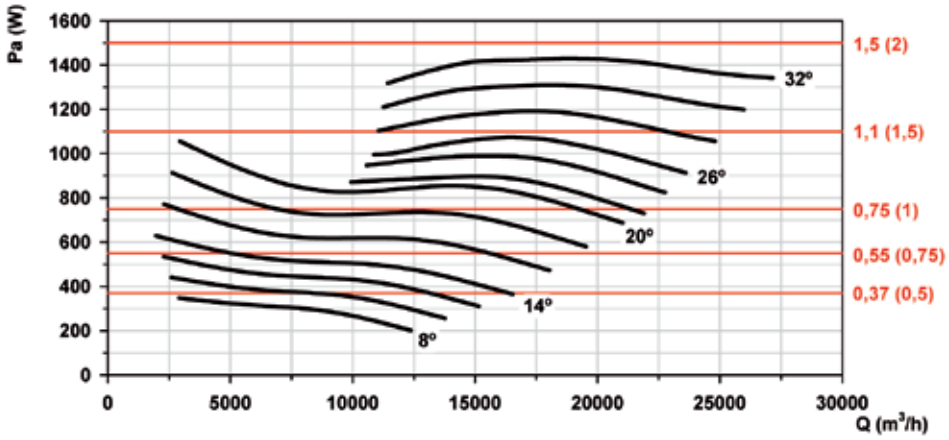
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

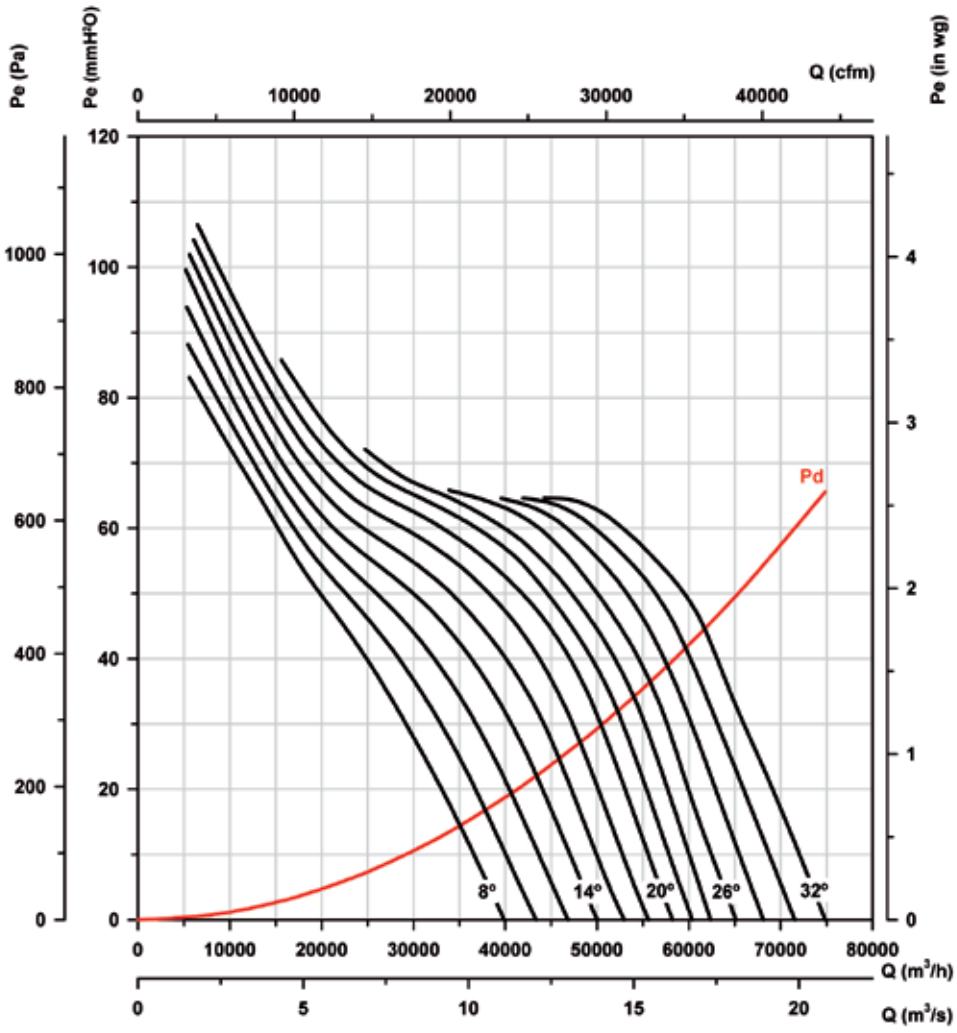


Characteristic curves

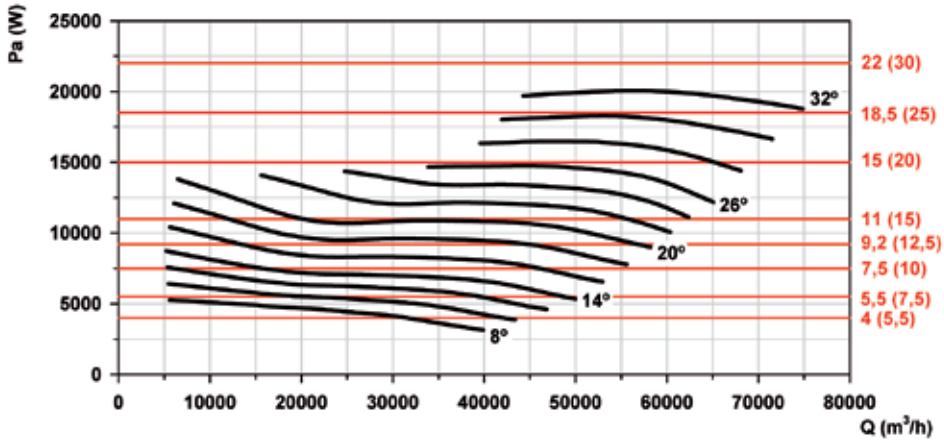
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

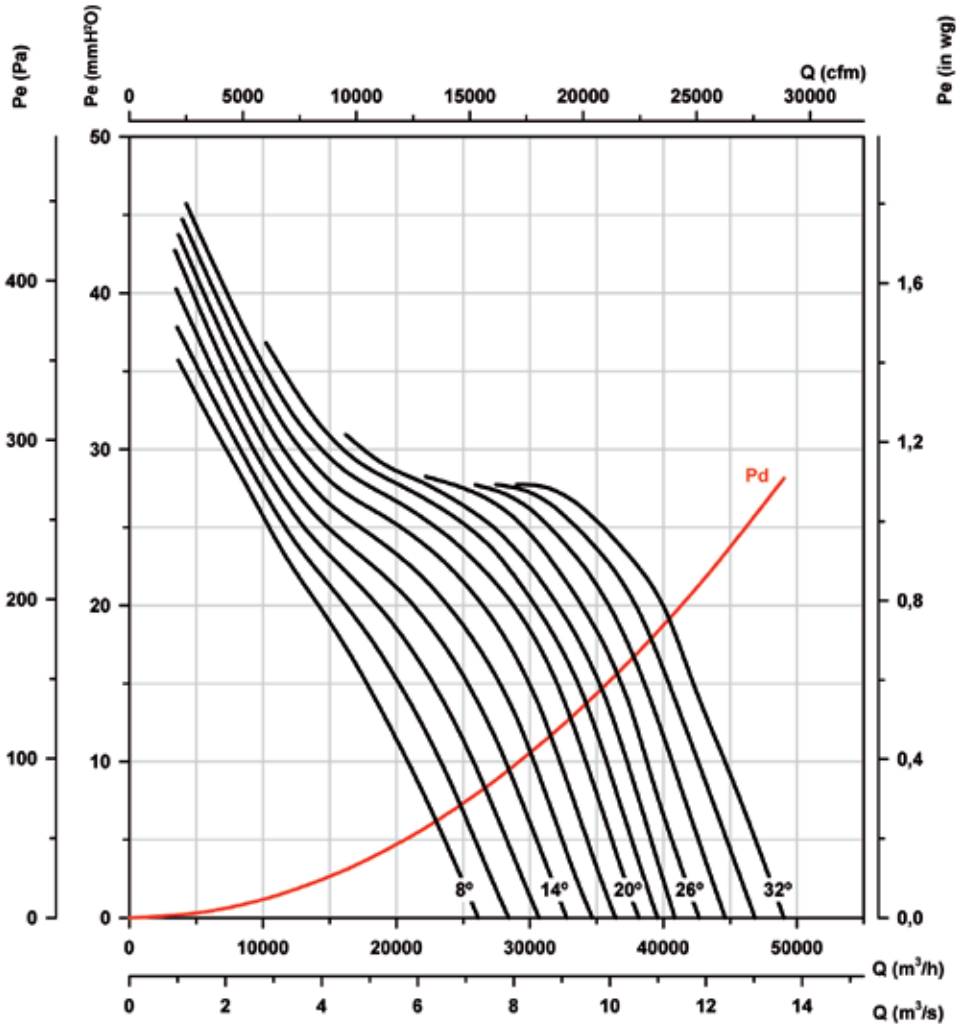


Characteristic curves

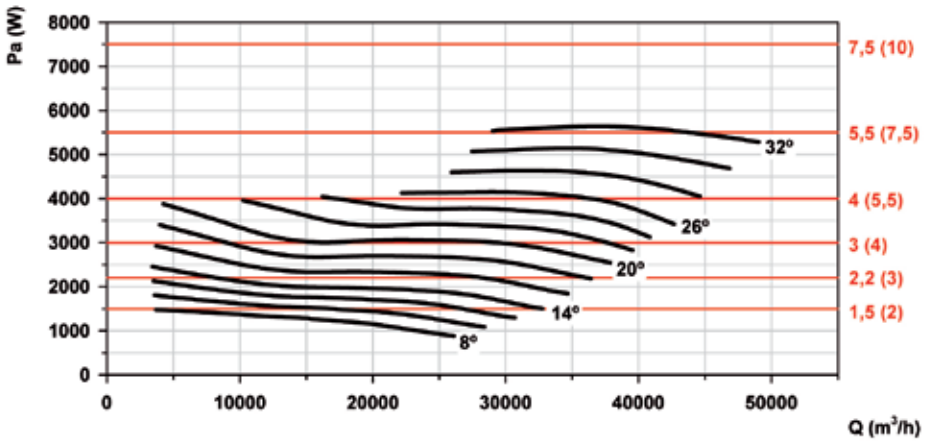
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 90 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

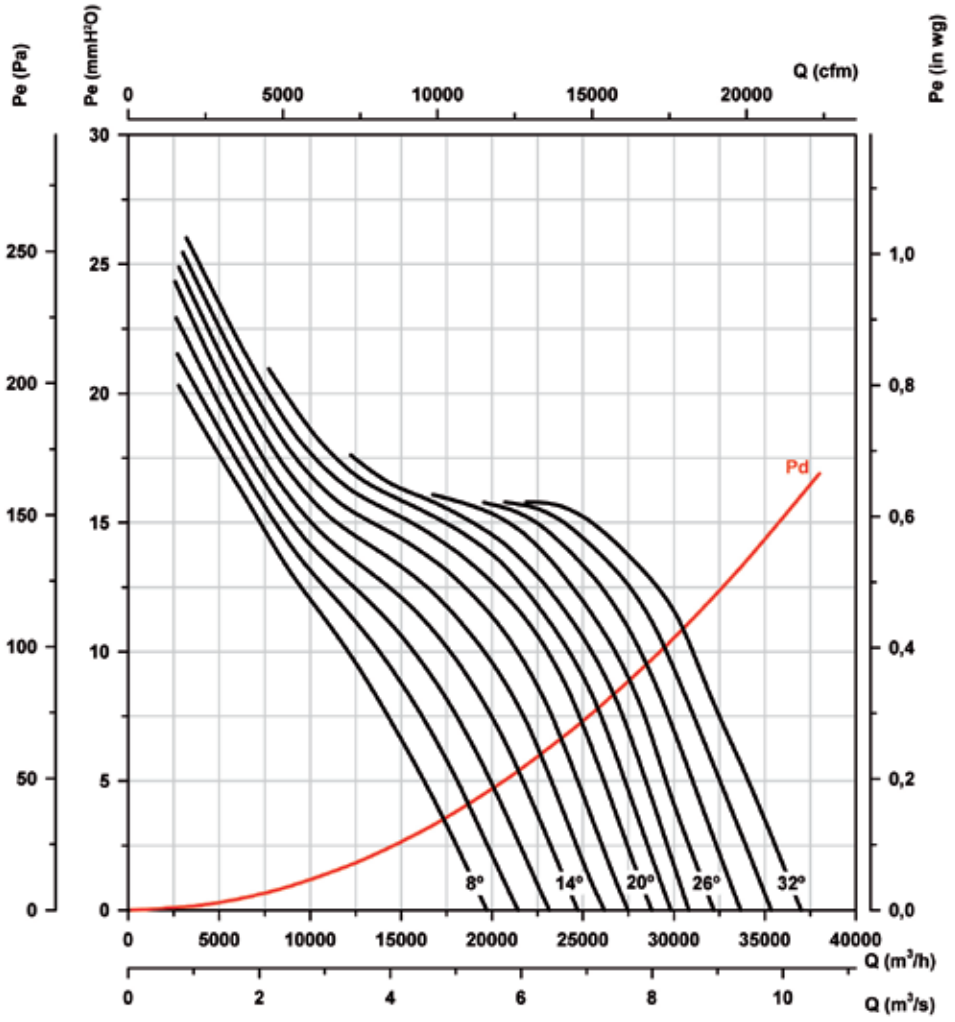


Characteristic curves

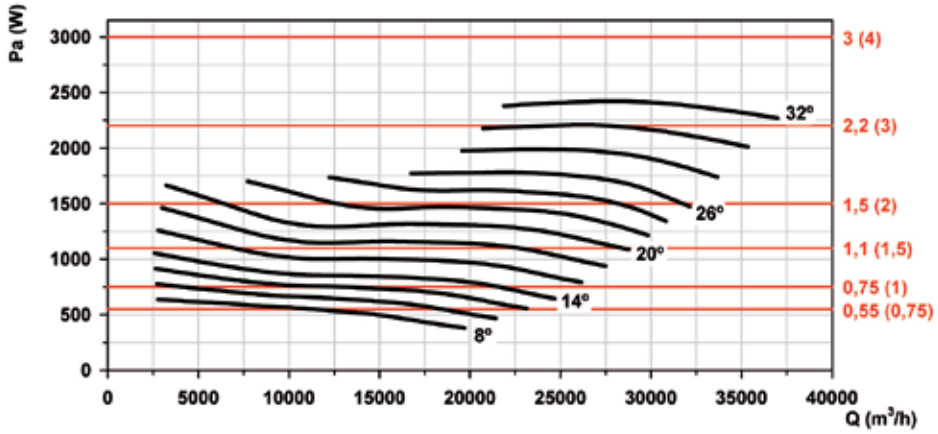
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

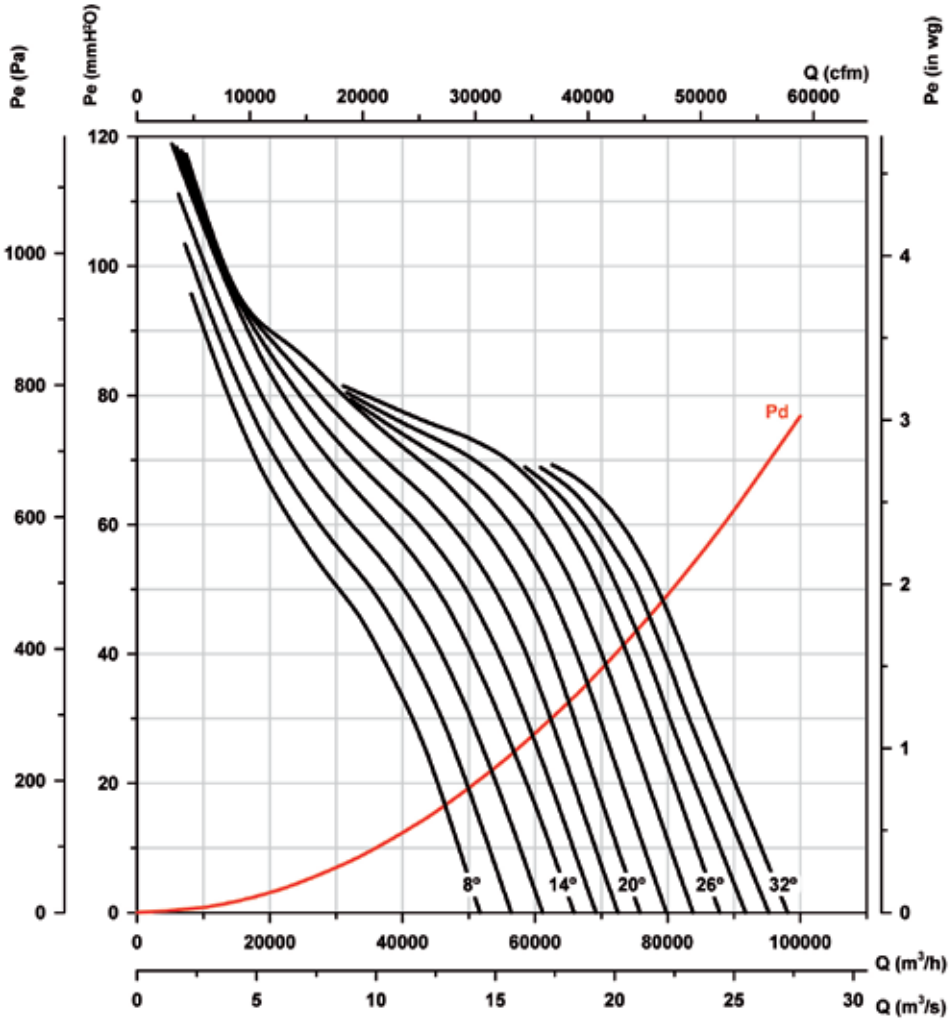


Characteristic curves

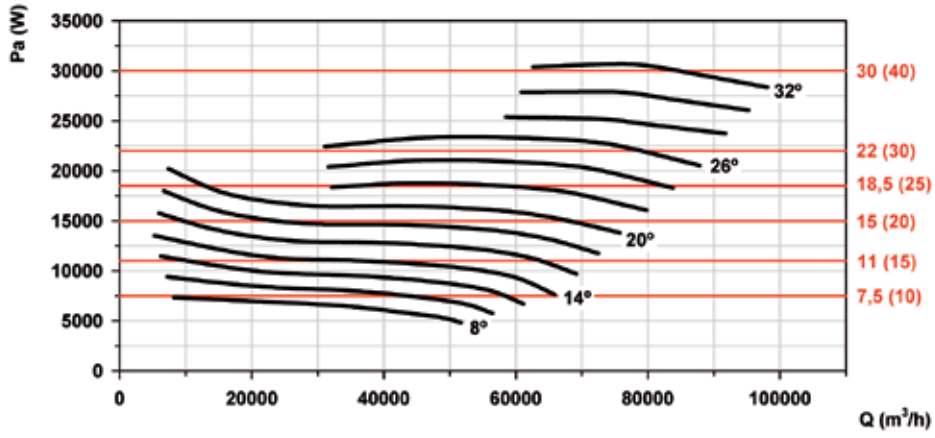
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

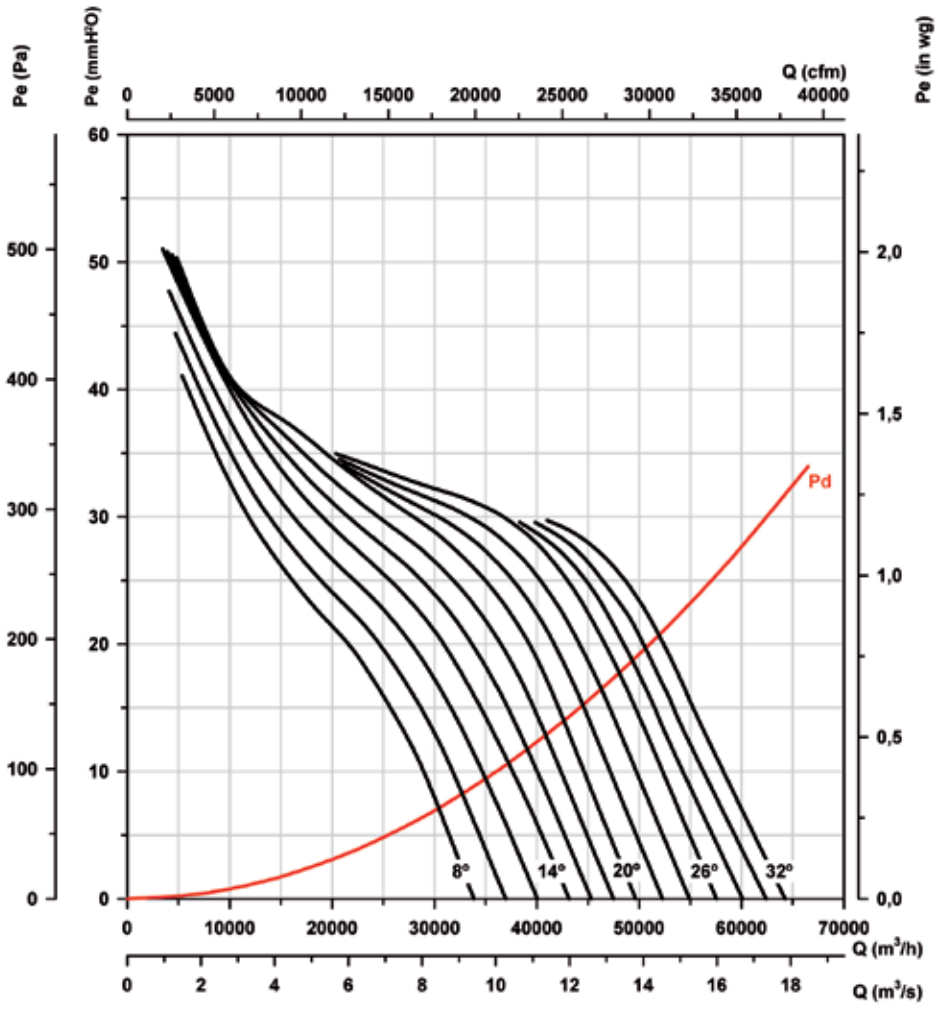


Characteristic curves

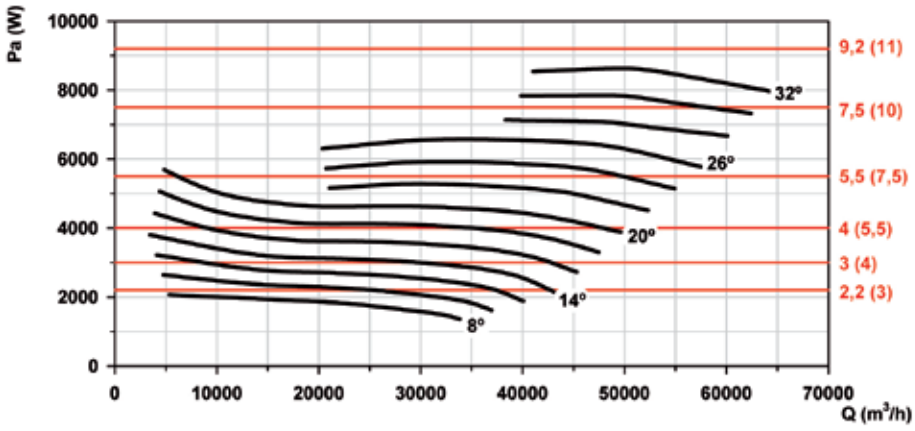
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

Rotor diameter (cm): 100 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

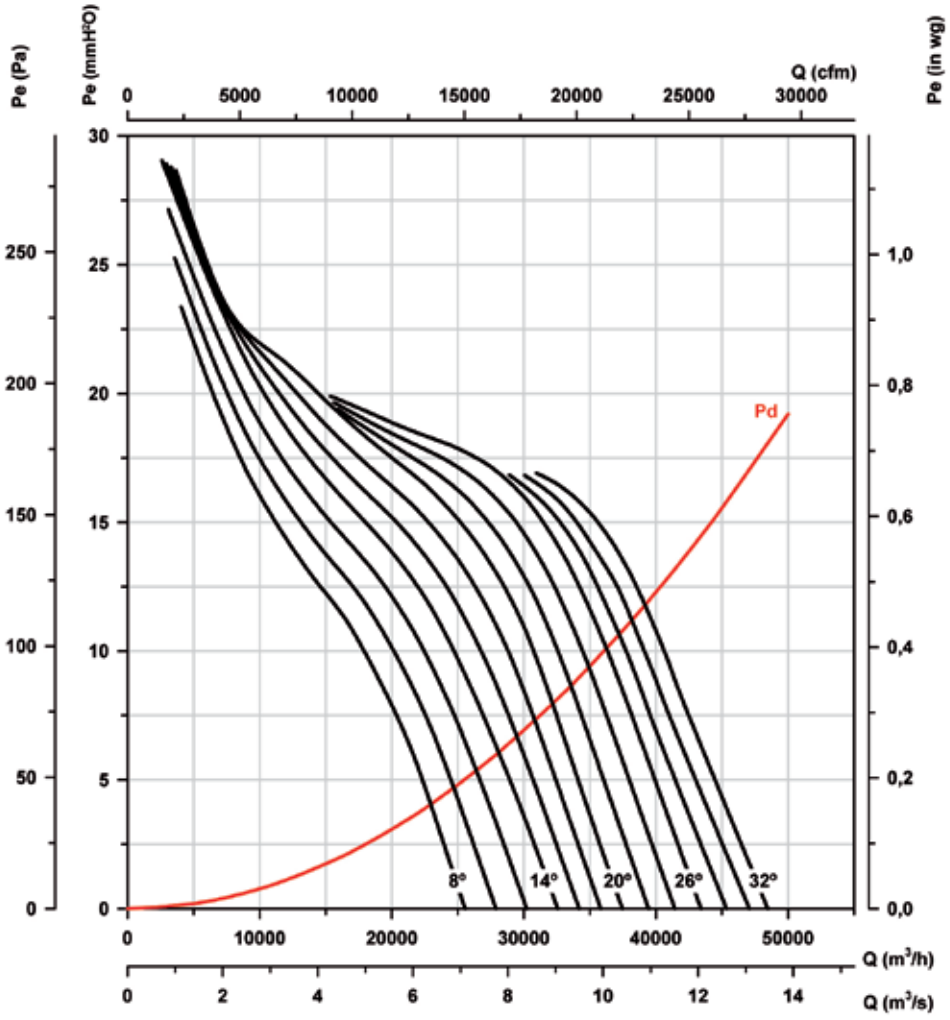


Characteristic curves

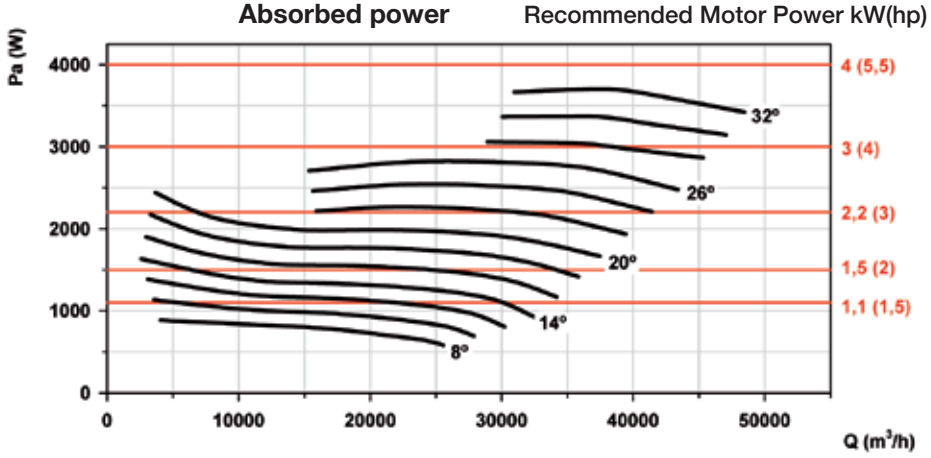
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

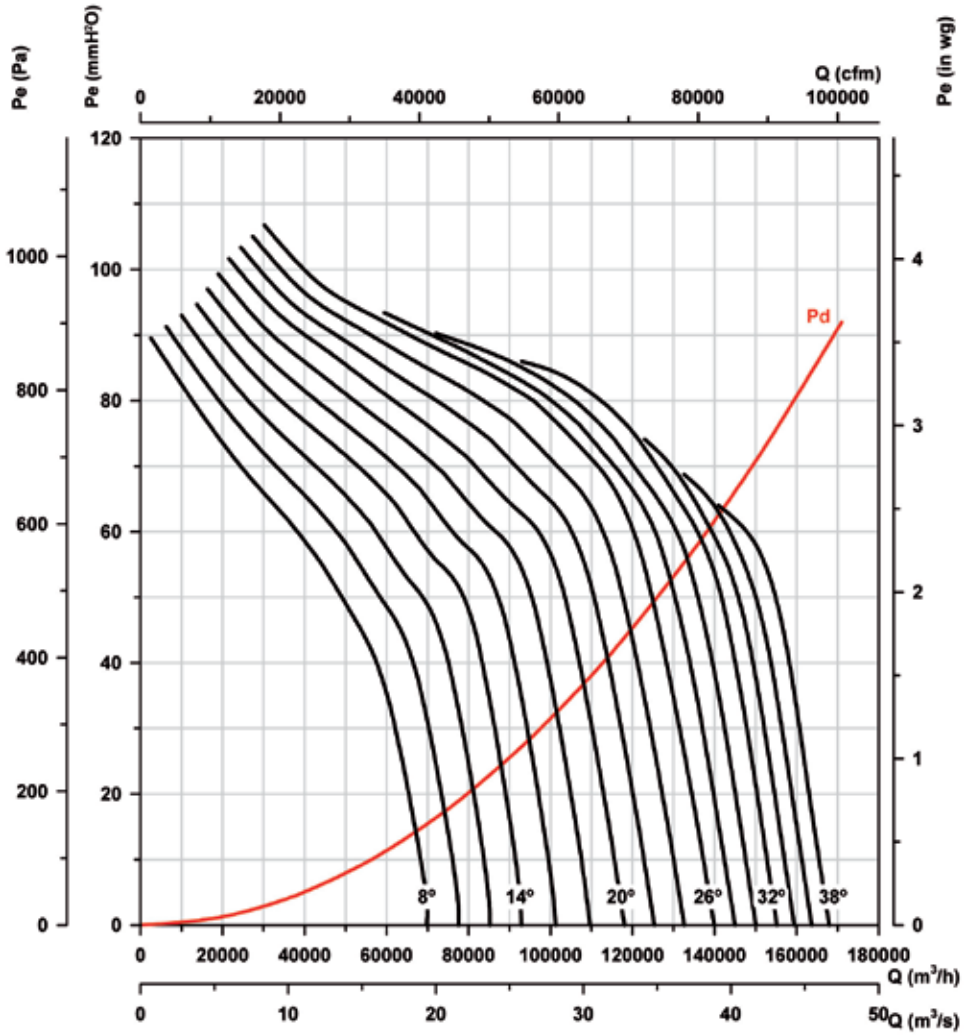


Characteristic curves

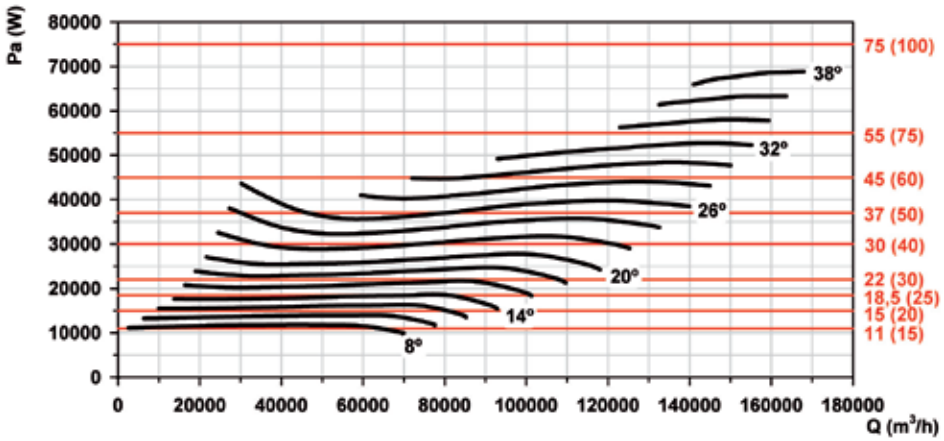
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

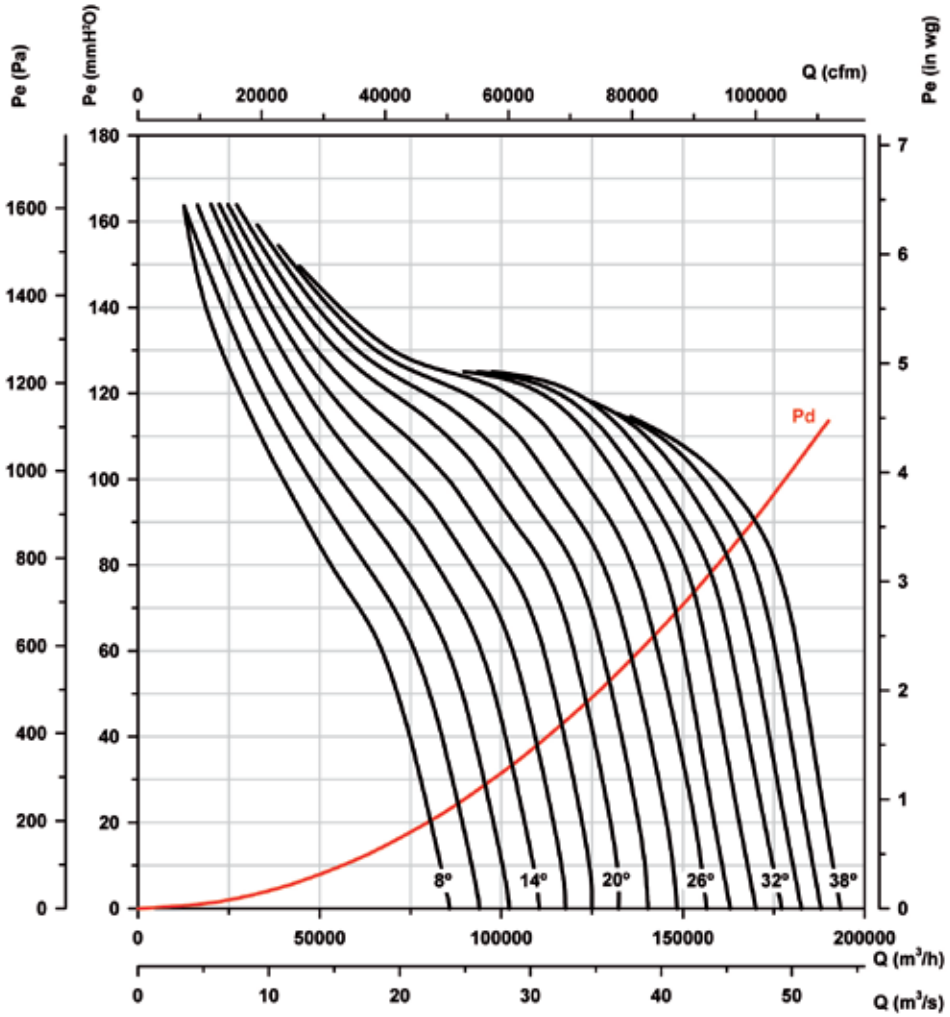


Characteristic curves

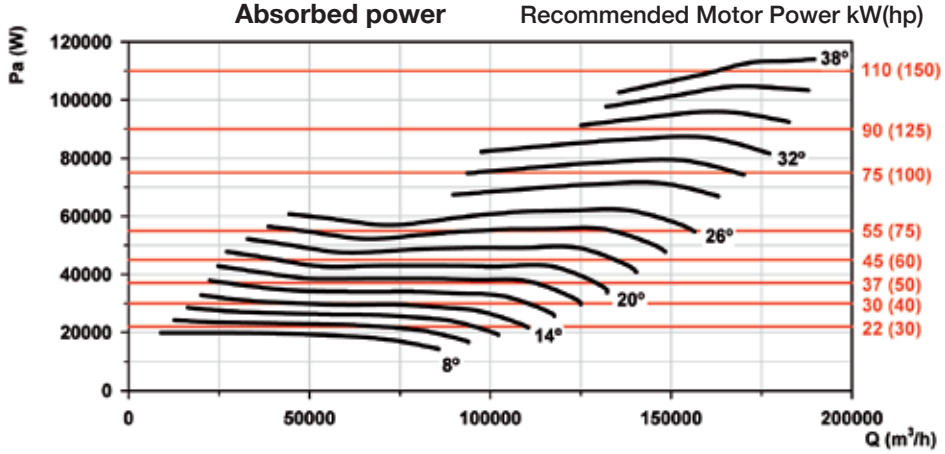
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

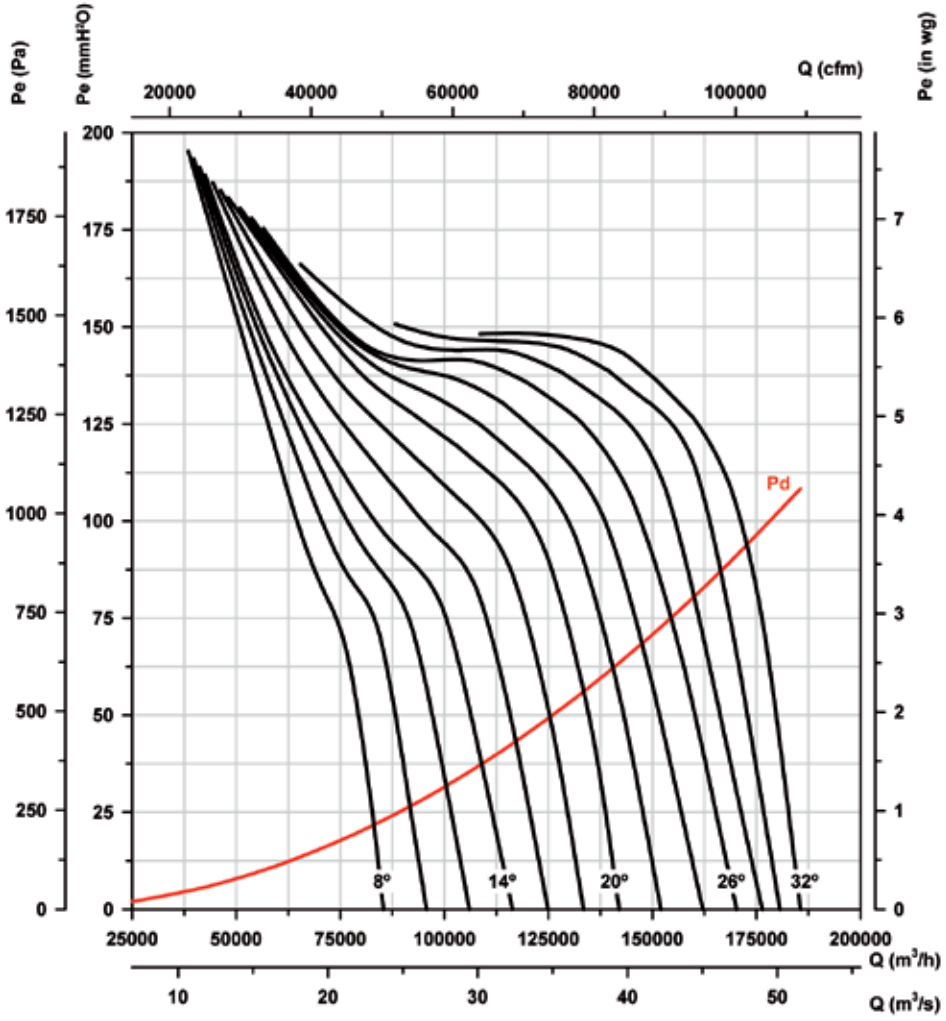


Characteristic curves

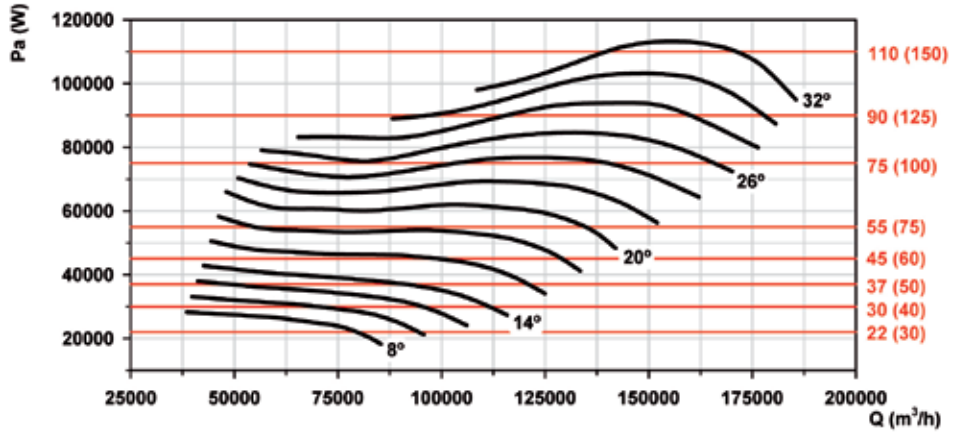
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

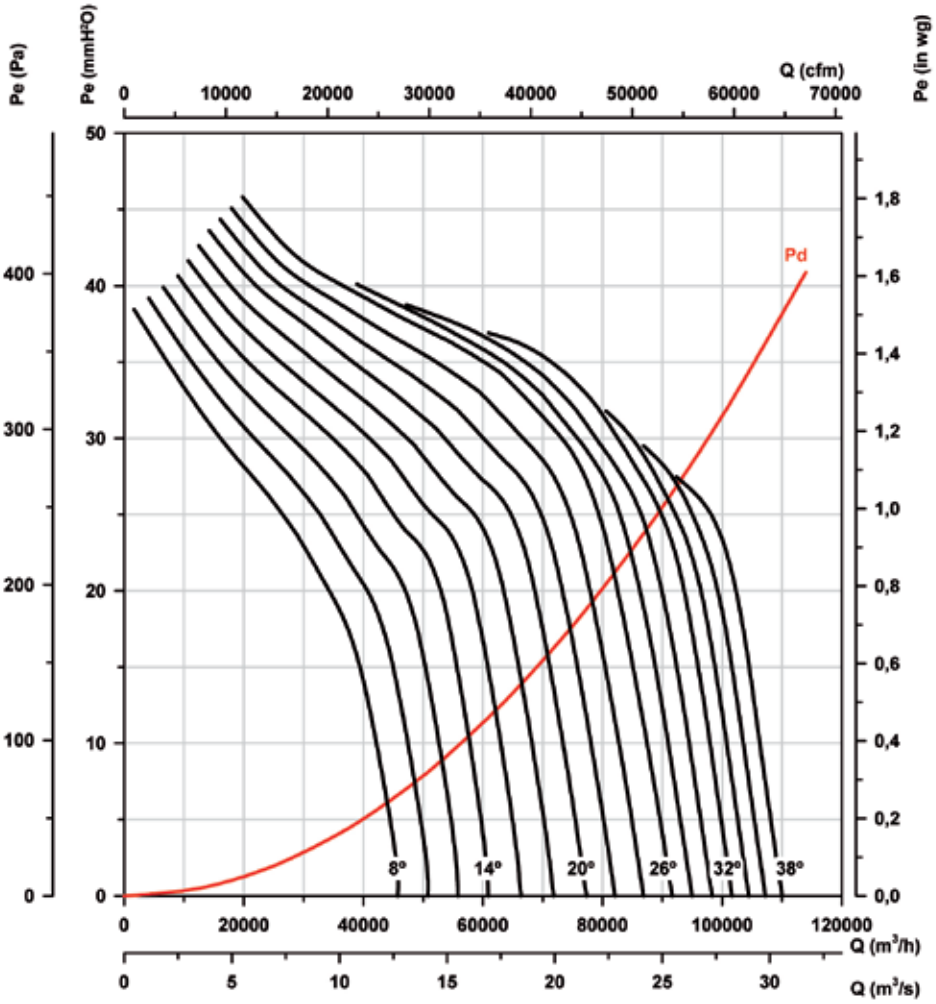


Characteristic curves

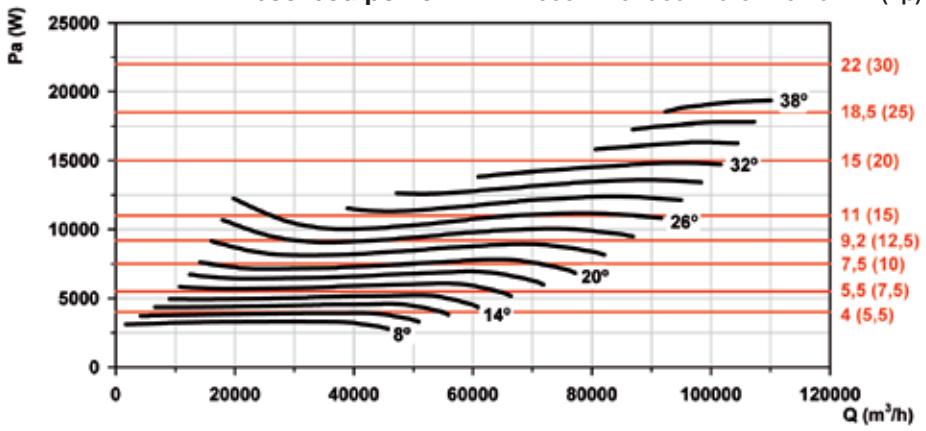
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mm H_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

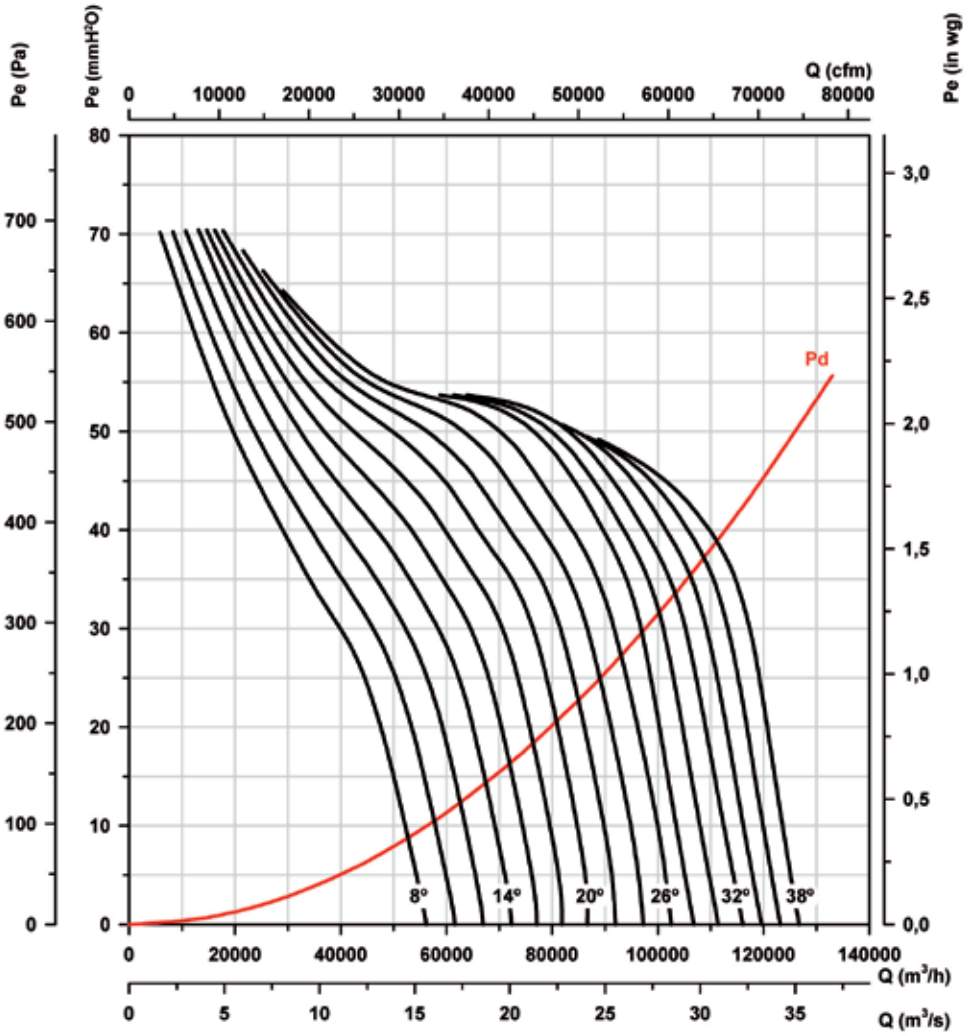


Characteristic curves

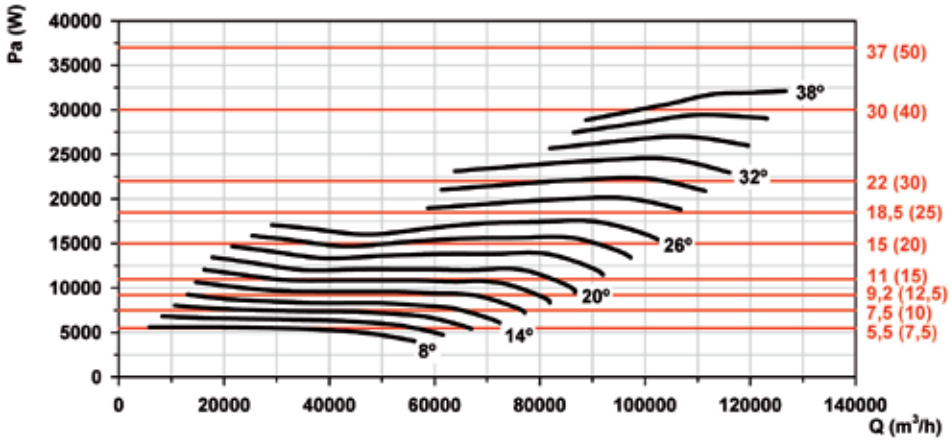
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

Rotor diameter (cm): 125 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

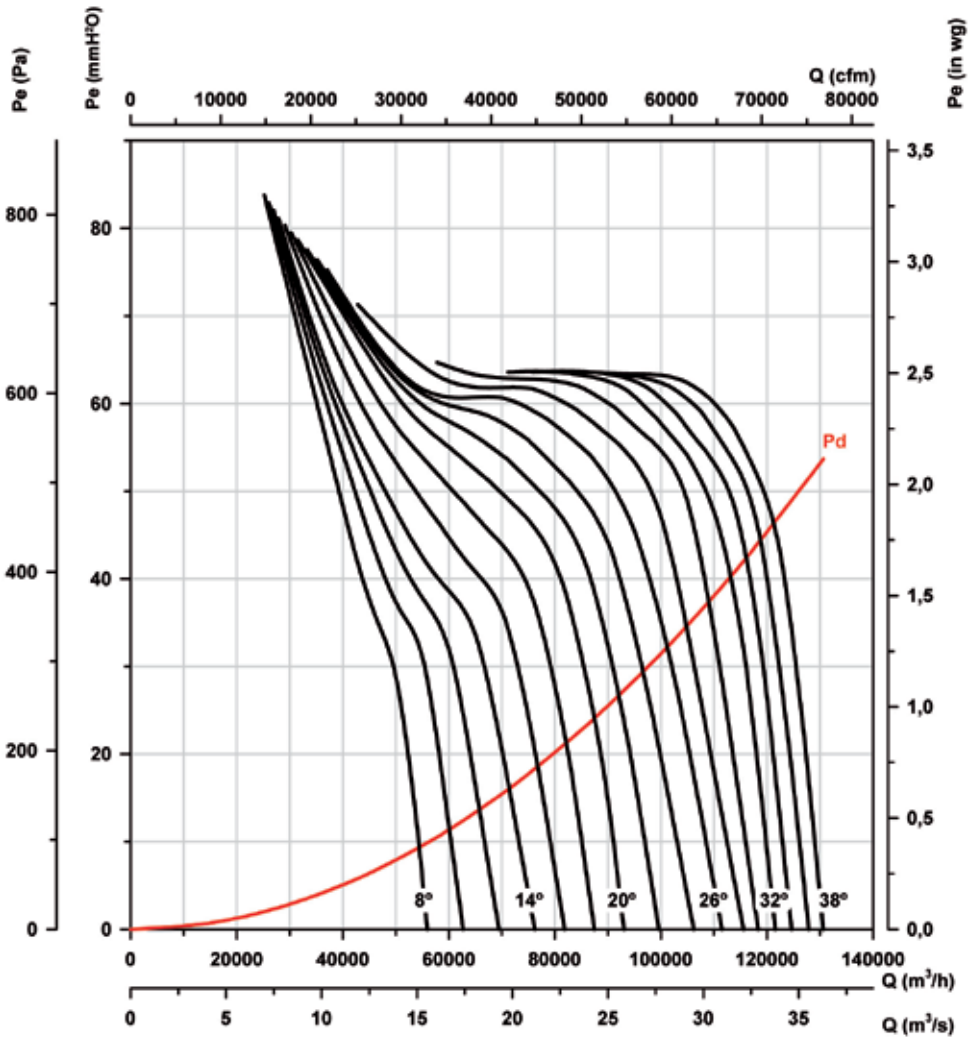


Characteristic curves

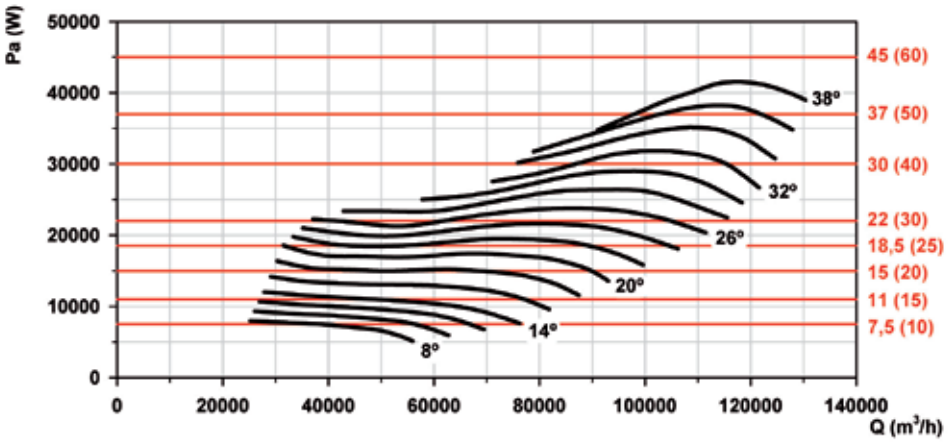
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

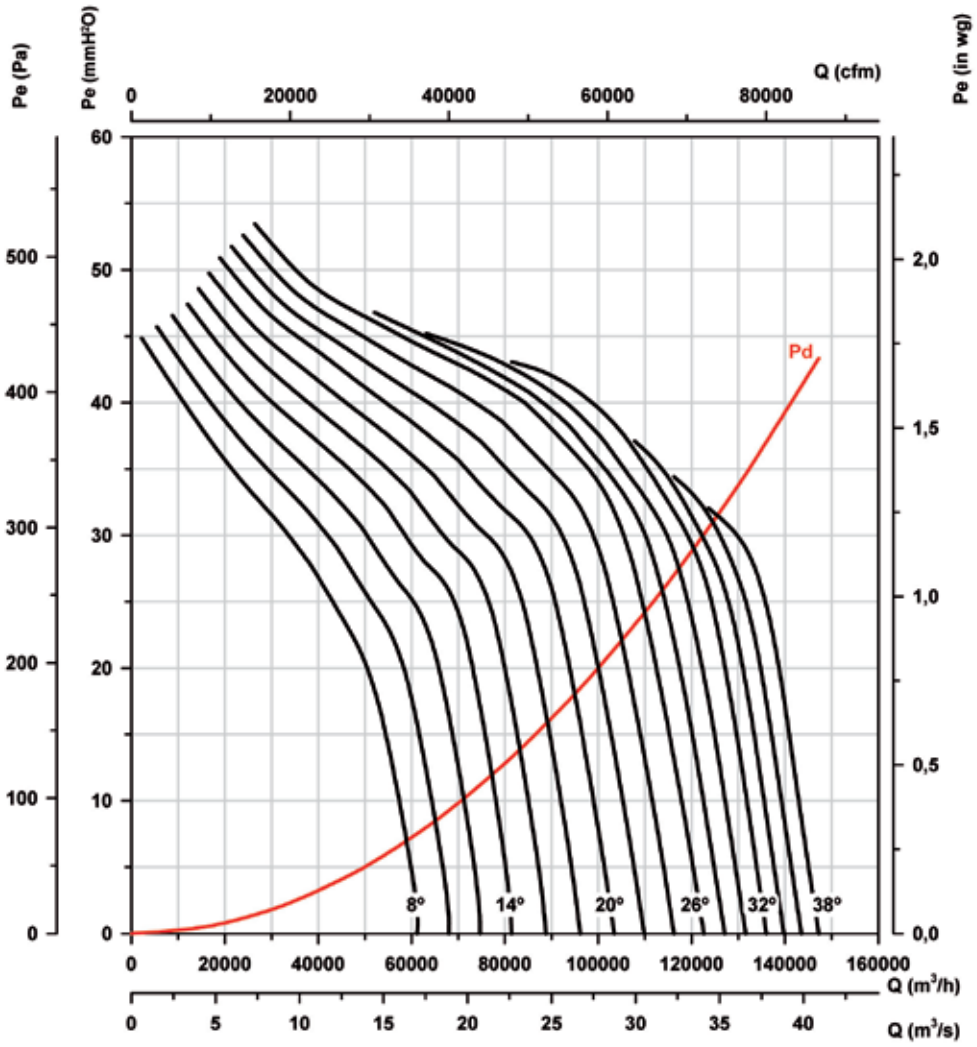


Characteristic curves

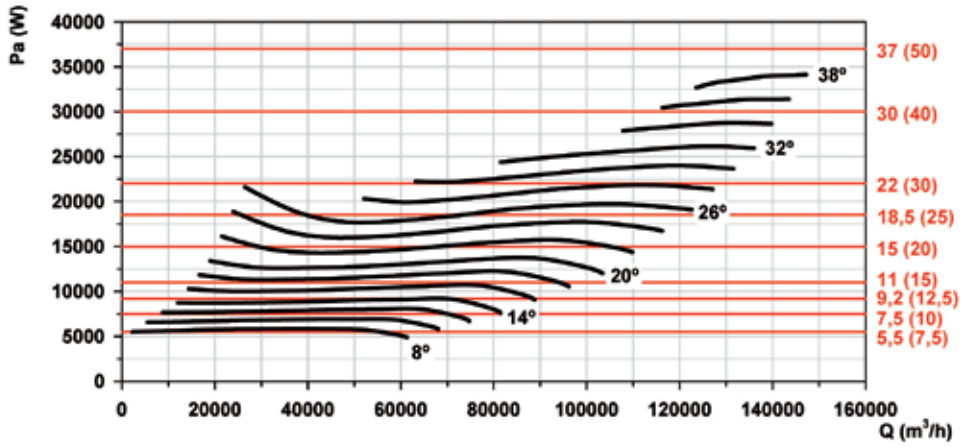
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

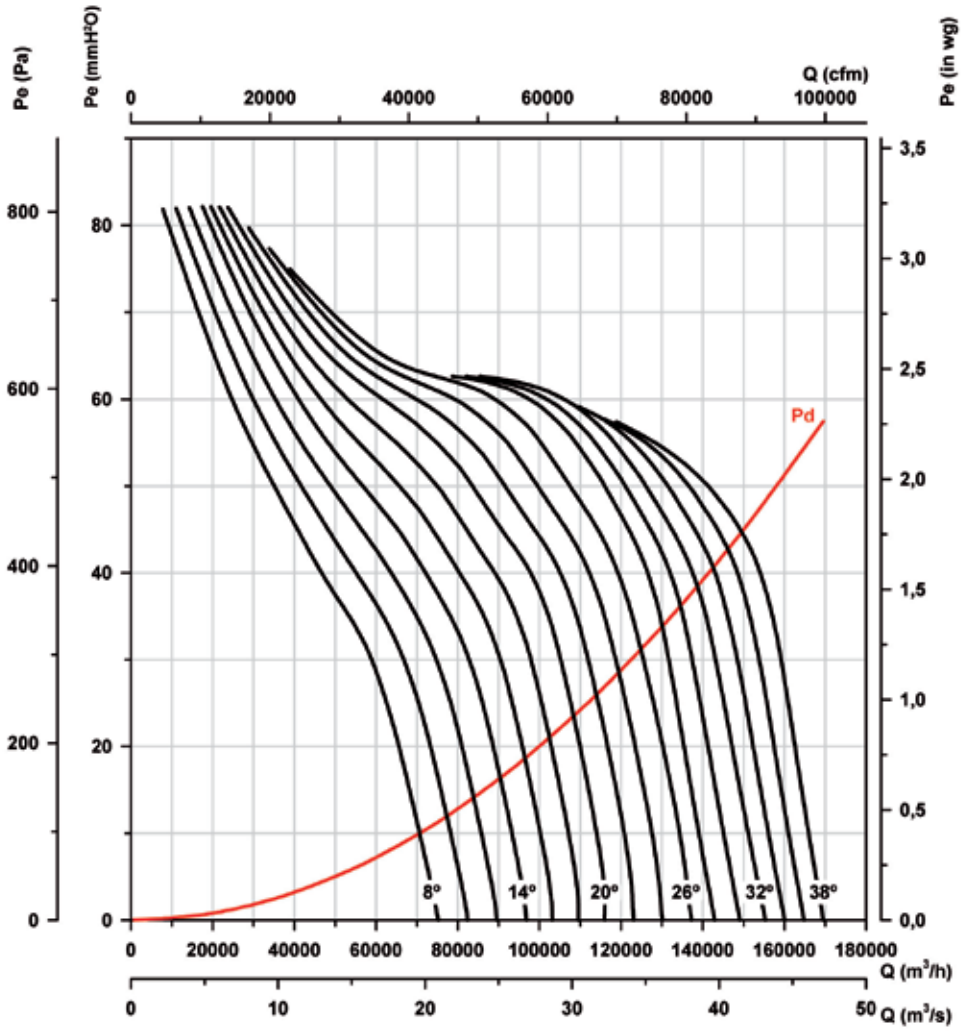


Characteristic curves

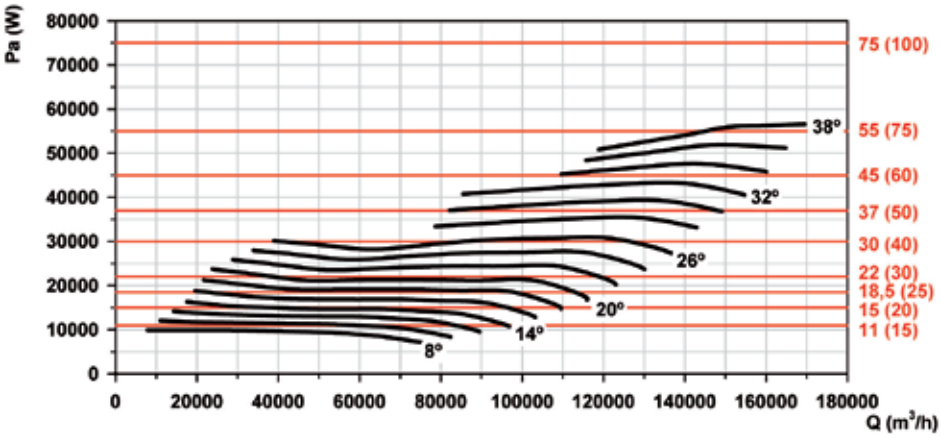
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

Rotor diameter (cm): 140 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

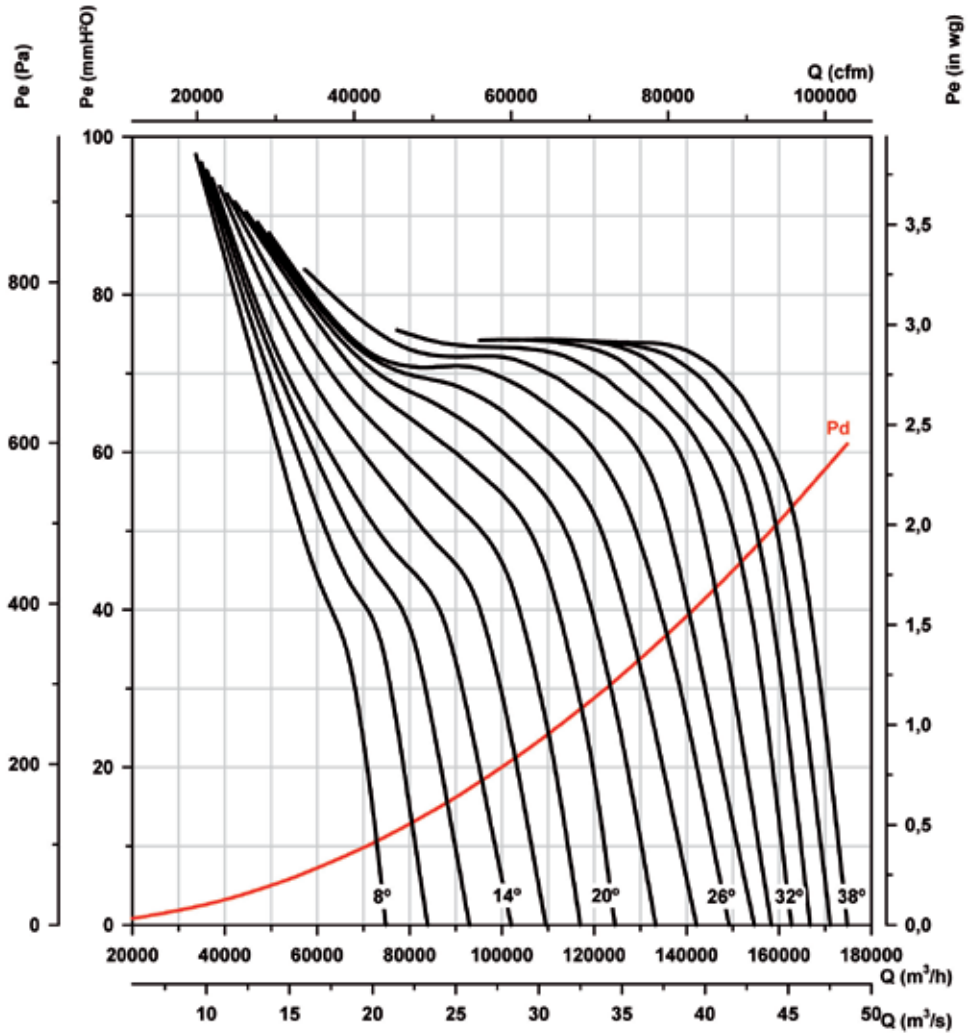


Characteristic curves

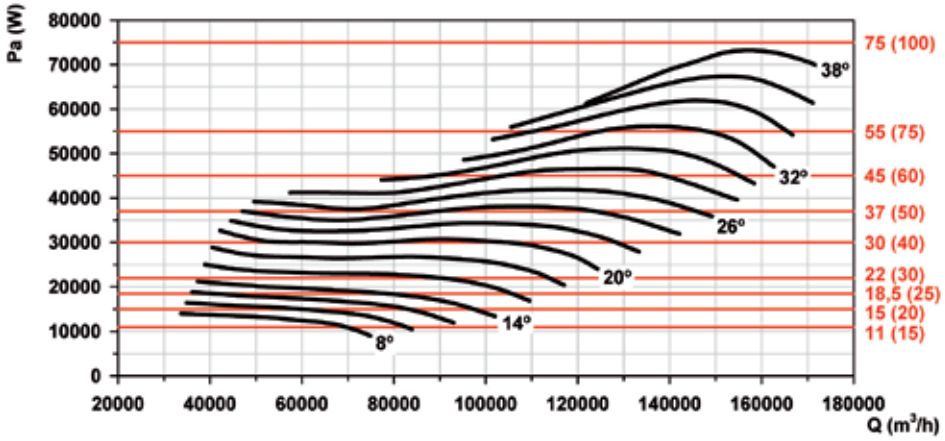
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

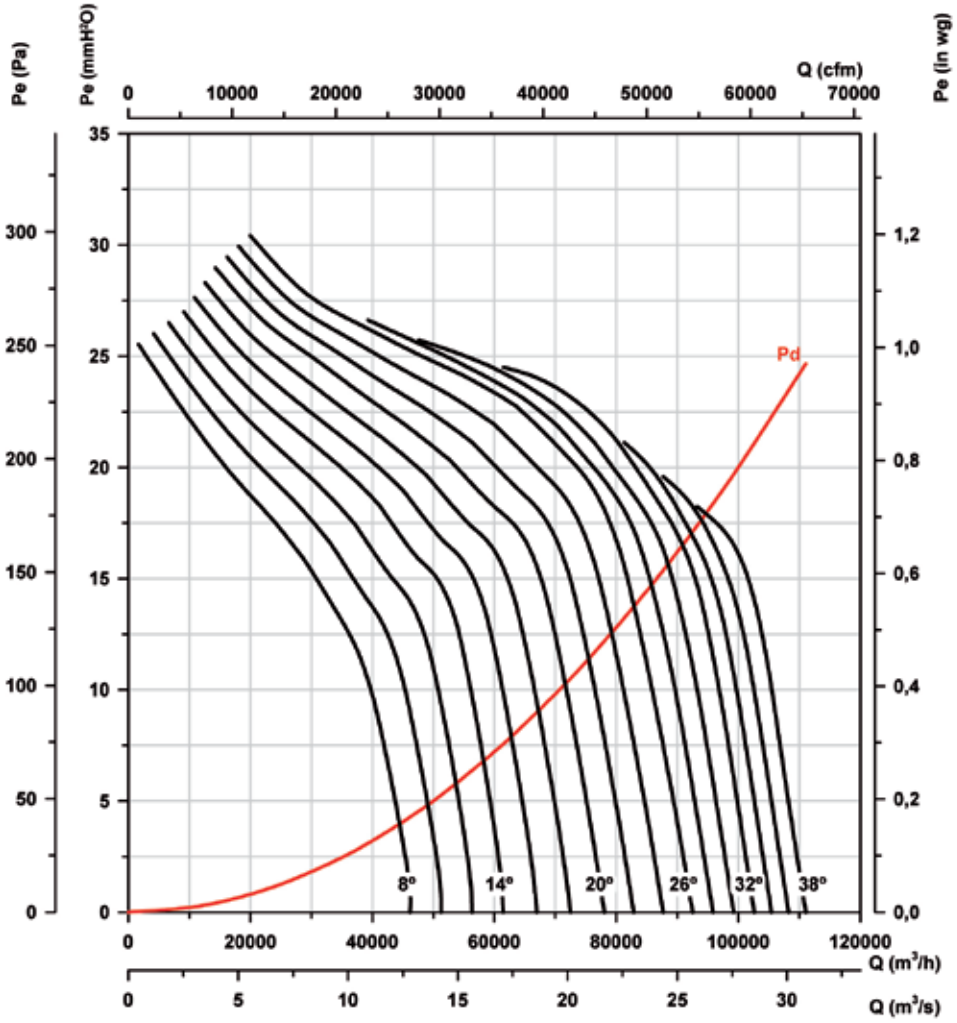


Characteristic curves

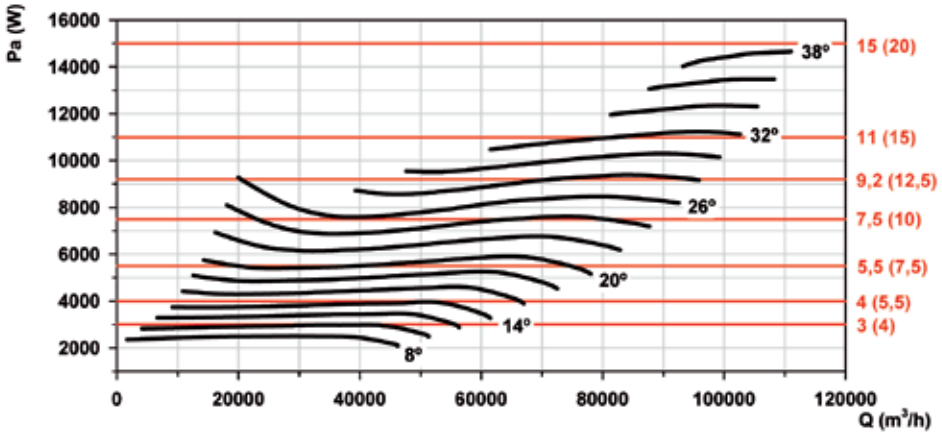
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

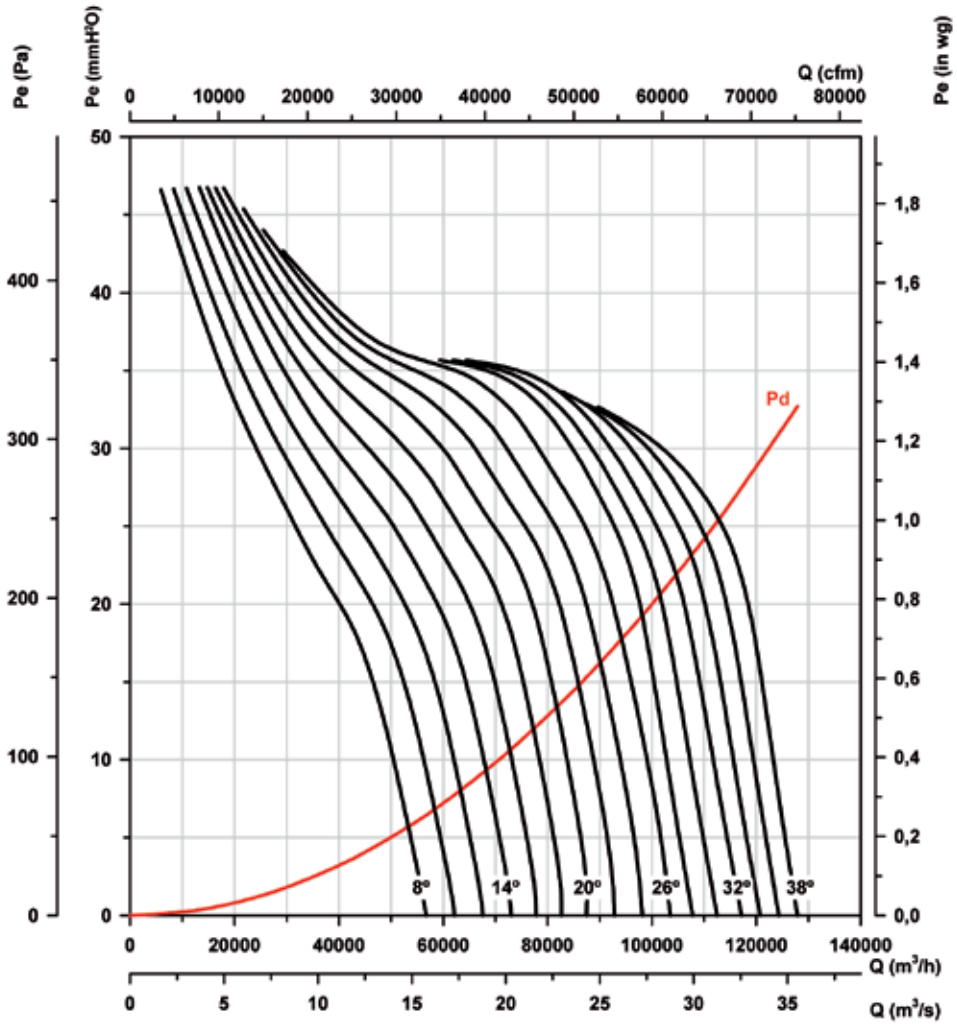


Characteristic curves

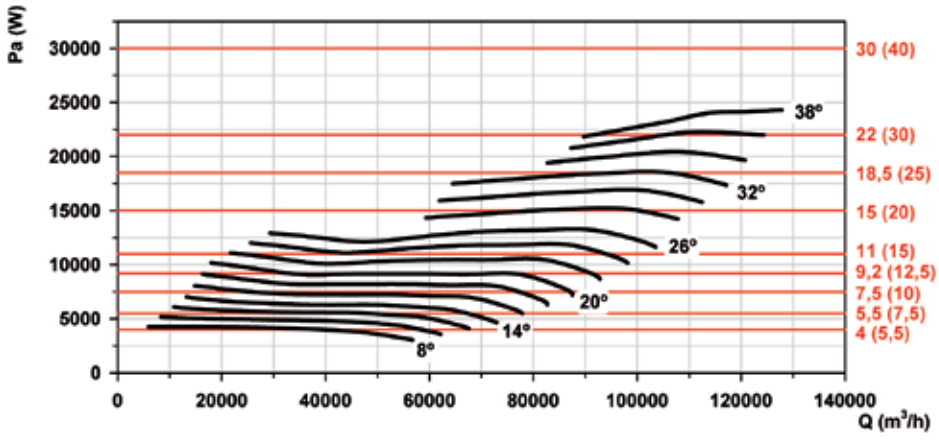
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

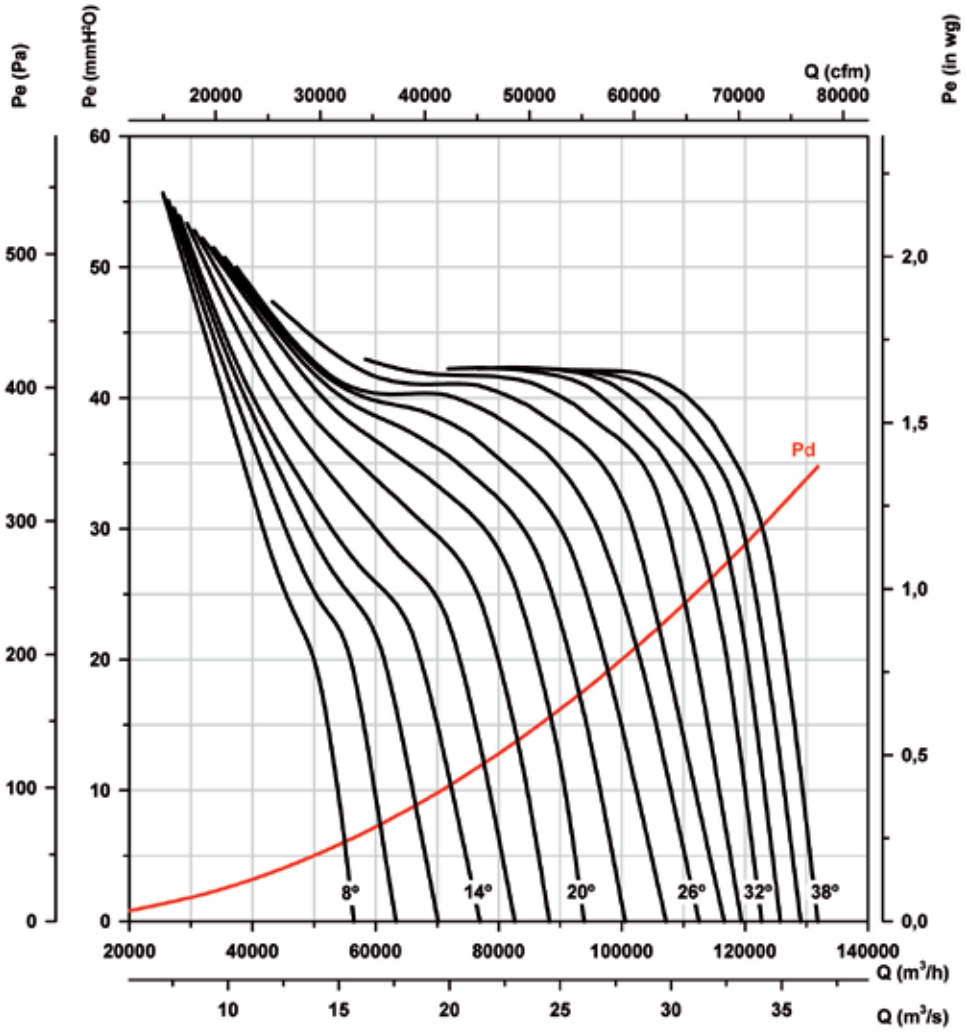


Characteristic curves

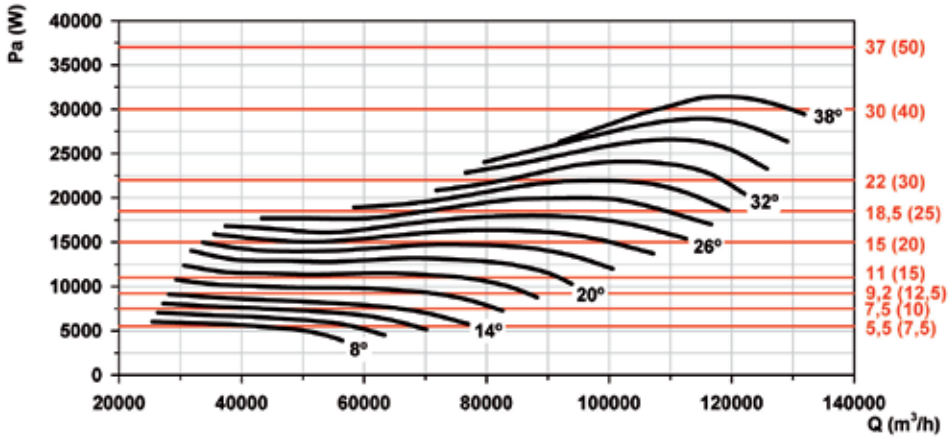
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

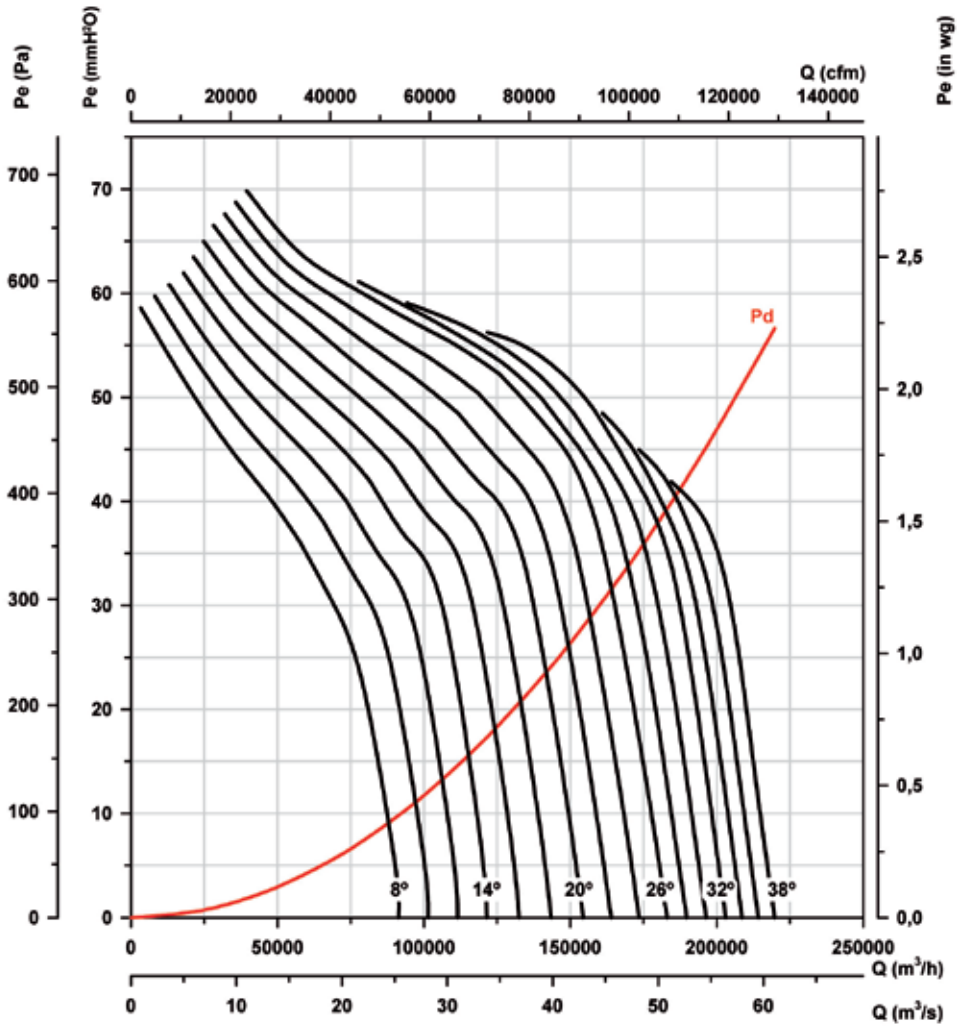


Characteristic curves

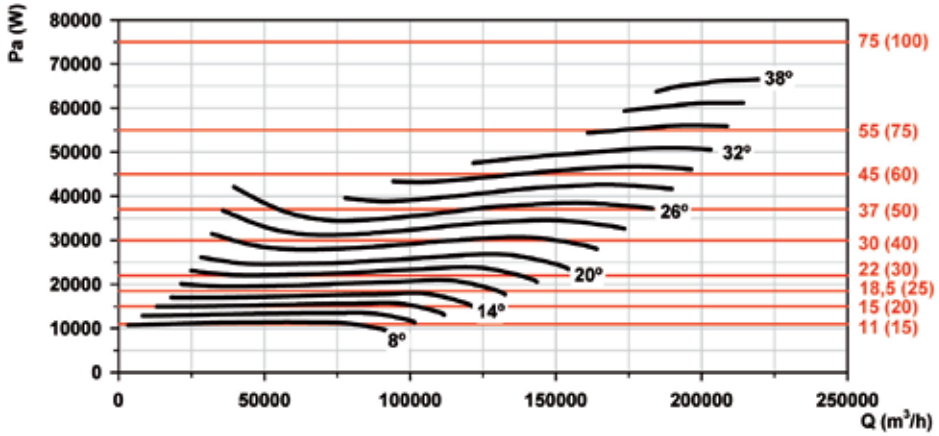
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

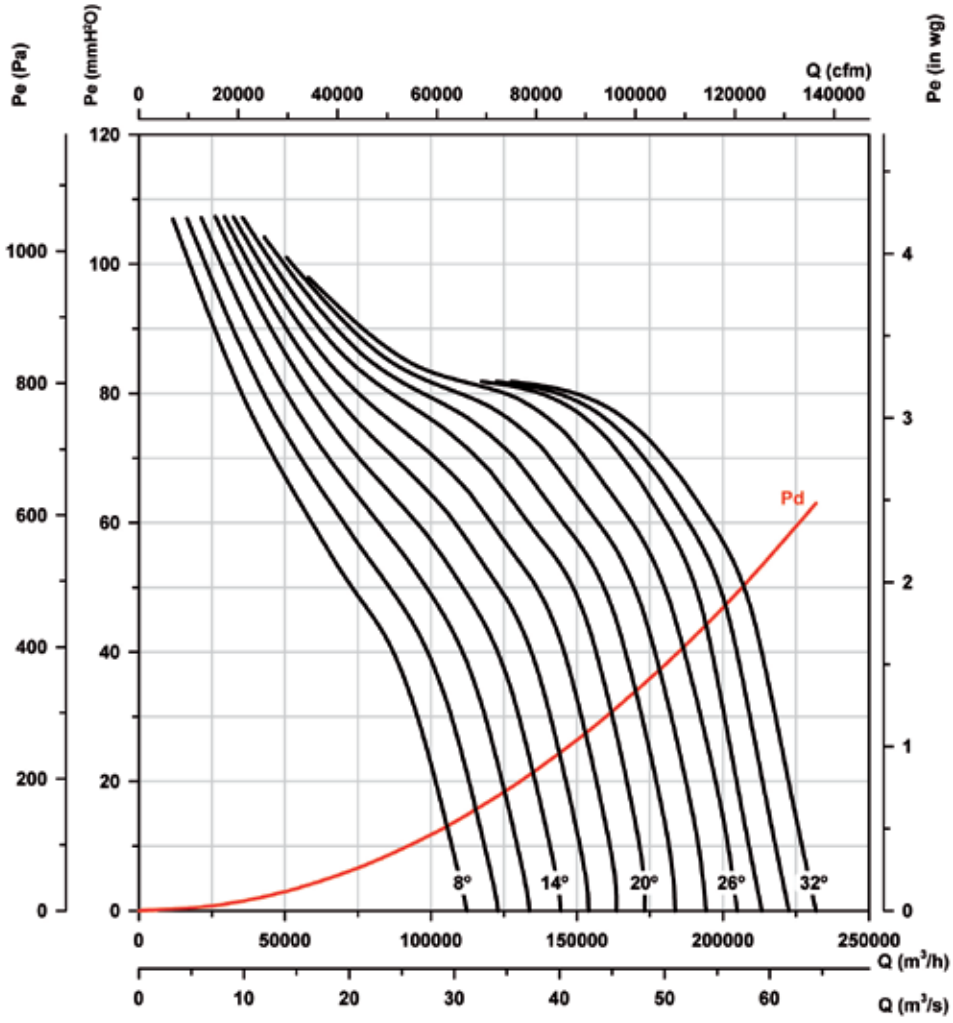


Characteristic curves

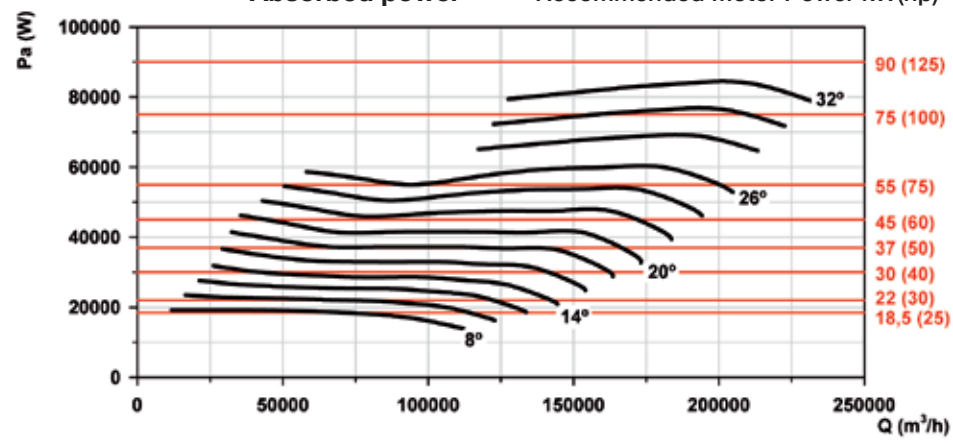
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

Rotor diameter (cm): 160 **Number of poles: 6** **Number of blades: 6**



Absorbed power Recommended Motor Power kW(hp)

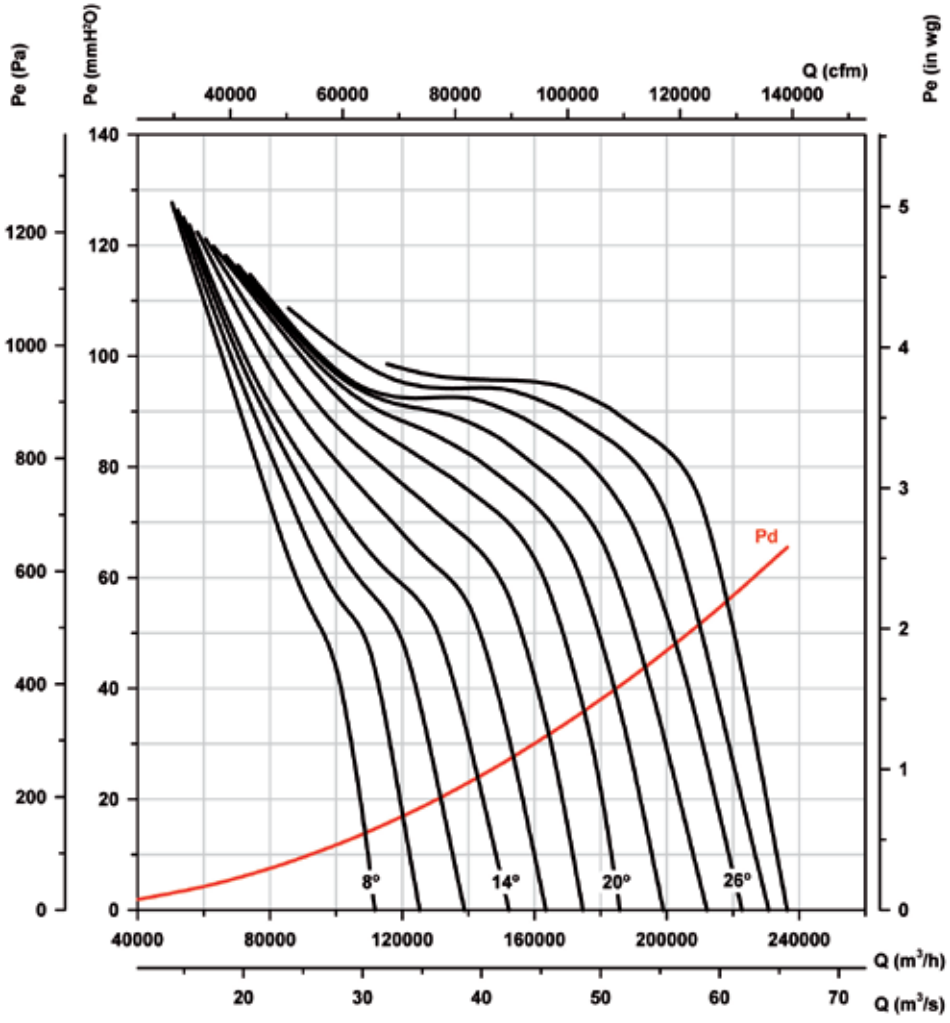


Characteristic curves

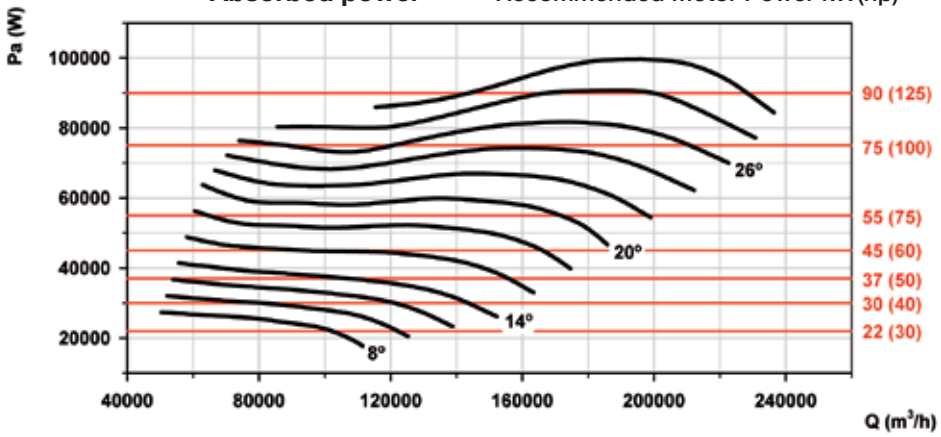
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

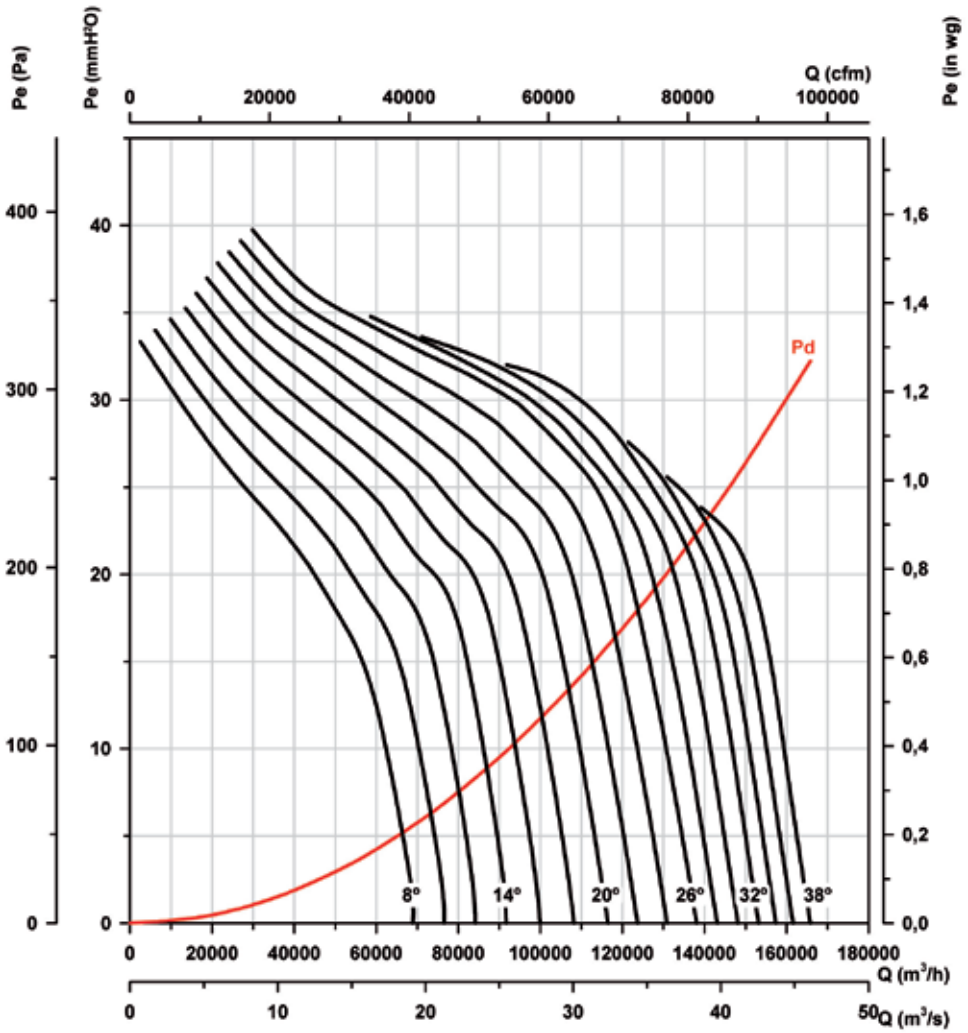


Characteristic curves

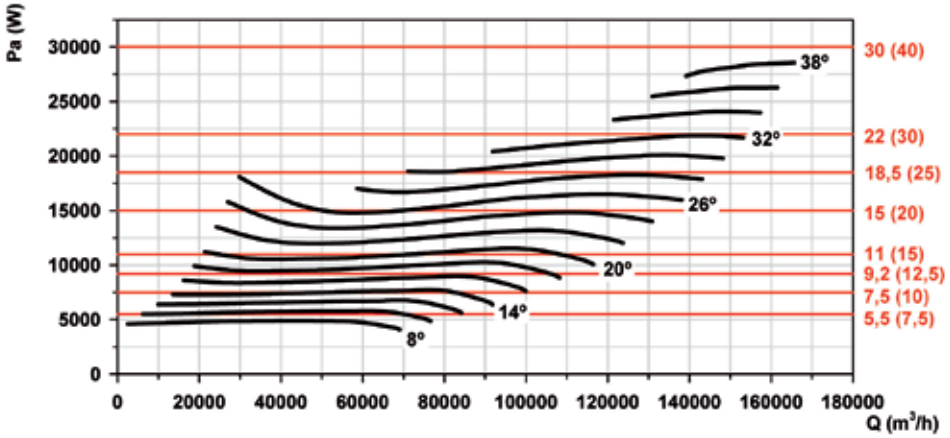
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

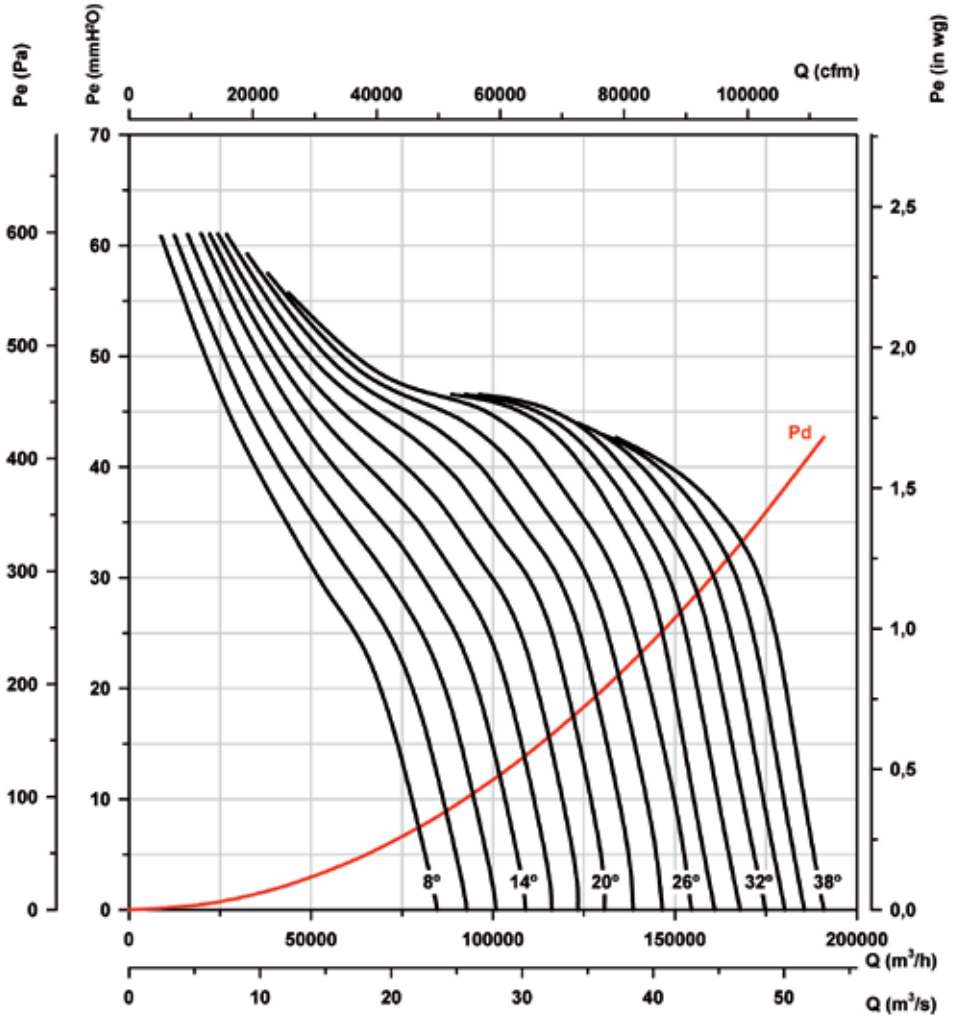


Characteristic curves

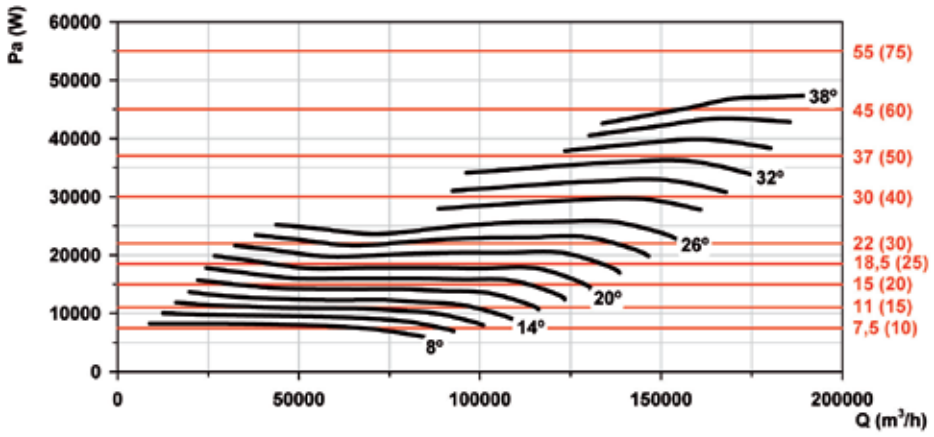
Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)

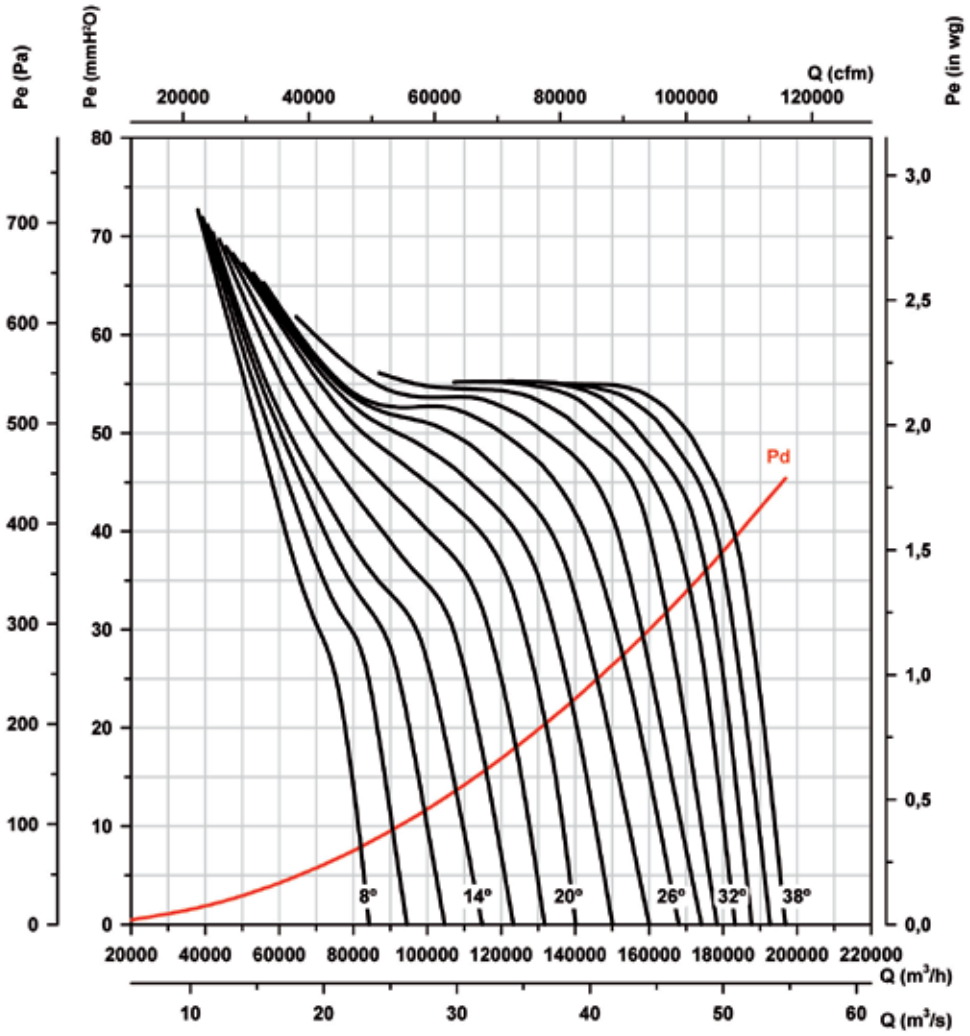


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm.

Pe= Static pressure in mmH_2O, Pa and inwg.

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



Absorbed power Recommended Motor Power kW(hp)