HTMV

Roof-mounted axial extractor fans with vertical air outlet

Roof-mounted axial extractor fans with vertical air outlet, designed for extracting large air volumes in industrial or similar premises.

Fan:
- Galvanised sheet steel support base with anti-corrosive treatment.
- Cast aluminium orientable rotors.
- Anti-contact protective grille pursuant to standard UNE-EN ISO 12499.
- Anti-return hatch in aluminium sheet metal to prevent the entry of water when the fan is not operating.
- Airflow direction from Motor to Impeller.

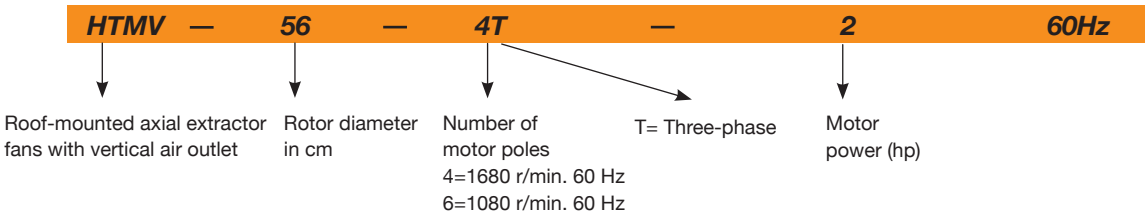
Motor:
- Class F motors with ball bearings and IP55 protection.
- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase, 2-speed and 8-pole.
- Multi voltage motor, special design valid for 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz
- Maximum temperature of air to be carried: -20 ºC +40 ºC.

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

On request:
- Extractor fans with 2-speed motors.
- 2 and 8-pole fans depending on diameter.
- Special windings for different voltages and frequencies.
- Made entirely of stainless steel.
- Made of hot dip galvanised steel.

Order code

From size 40 to size 100



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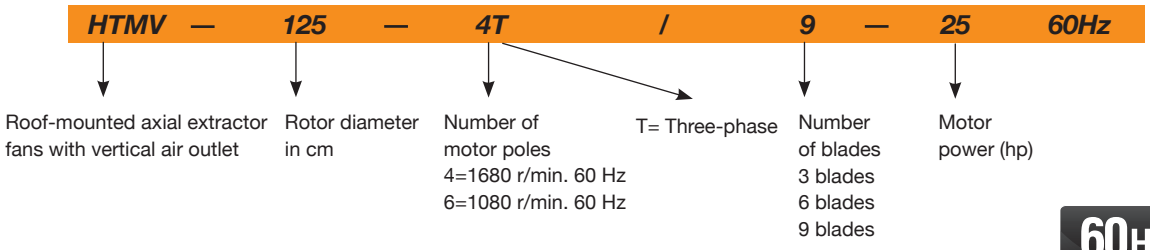


60Hz

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure (1) level dB(A)		Approx. weight
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	Intake	Discharge	(kg)
HTMV-40-4T-0.75	1656	2.92	1.69	0.55	4800	53.55	48.30	39
HTMV-40-6T-0.75	1080	2.99	1.73	0.55	3150	42.00	37.80	47
HTMV-45-4T-0.75	1656	2.92	1.69	0.55	7450	57.75	52.50	42
HTMV-45-6T-0.75	1080	2.99	1.73	0.55	4450	44.10	39.90	50
HTMV-50-4T-1 IE3	1704	2.82	1.62	0.75	9750	61.95	56.70	54
HTMV-50-6T-0.75	1080	2.99	1.73	0.55	7000	49.35	45.15	57
HTMV-56-4T-1 IE3	1704	2.82	1.62	0.75	11250	66.15	60.90	61
HTMV-56-4T-1.5 IE3	1746	4.07	2.34	1.1	13600	67.20	61.95	60
HTMV-56-4T-2 IE3	1728	5.41	3.11	1.5	15050	68.25	63.00	71
HTMV-56-6T-0.75	1080	2.99	1.73	0.55	10150	54.60	50.40	60
HTMV-63-4T-1.5 IE3	1746	4.07	2.34	1.1	17800	66.15	61.95	69
HTMV-63-4T-2 IE3	1728	5.41	3.11	1.5	19300	66.15	61.95	81
HTMV-63-4T-3 IE3	1722	7.93	4.56	2.2	22150	68.25	64.05	83
HTMV-63-4T-4 IE3	1728	10.7	6.15	3	24250	69.30	65.10	93
HTMV-63-6T-0.75	1080	2.99	1.73	0.55	13600	57.75	53.55	70

Technical characteristics

Model	Speed	Maximum admissible current (A)		Installed power	Maximum flow rate	Sound pressure (1) level dB(A)		Approx. weight
	(r/min)	220-277V	380-480V	(kW)	(m^3/h)	Intake	Discharge	(kg)
HTMV-63-6T-1 IE3	1128	3.36	1.93	0.75	15900	59.85	55.65	72
HTMV-71-4T-2 IE3	1728	5.41	3.11	1.5	20900	71.40	67.20	88
HTMV-71-4T-3 IE3	1722	7.93	4.56	2.2	25100	70.35	66.15	90
HTMV-71-4T-4 IE3	1728	10.7	6.15	3	27500	71.40	67.20	100
HTMV-71-6T-0.75	1080	2.99	1.73	0.55	16100	58.80	55.65	77
HTMV-71-6T-1 IE3	1128	3.36	1.93	0.75	17300	59.85	55.65	79
HTMV-71-6T-1.5 IE3	1134	4.68	2.69	1.1	19950	60.90	56.70	90
HTMV-80-4T-4 IE3	1728	10.7	6.15	3	30250	74.55	70.35	122
HTMV-80-4T-5.5 IE3	1740	13.9	8	4	32750	74.55	70.35	125
HTMV-80-6T-1.5 IE3	1134	4.68	2.69	1.1	21450	64.05	59.85	112
HTMV-80-6T-2 IE3	1140	6.43	3.7	1.5	25950	65.10	60.90	120
HTMV-80-6T-3 IE3	1140	9.08	5.22	2.2	29950	66.15	61.95	122
HTMV-90-4T-5.5 IE3	1740	13.9	8	4	38900	78.75	74.55	138
HTMV-90-4T-7.5 IE3	1758		10.3	5.5	46150	77.70	73.50	185
HTMV-90-4T-10 IE3	1758		13.9	7.5	50150	76.65	72.45	141
HTMV-90-6T-2 IE3	1140	6.43	3.7	1.5	28800	67.20	63.00	133
HTMV-90-6T-3 IE3	1140	9.08	5.22	2.2	34000	68.25	63.00	136
HTMV-90-6T-4 IE3	1164	12	6.91	3	38900	69.30	65.10	172
HTMV-100-4T-7.5 IE3	1758		10.3	5.5	46850	82.95	78.75	196
HTMV-100-4T-10 IE3	1758		13.9	7.5	57400	80.85	76.65	152
HTMV-100-4T-15 IE3	1764		21.4	11	66300	79.80	75.60	231
HTMV-100-4T-20 IE3	1758		28.7	15	76150	81.90	77.70	222
HTMV-100-6T-3 IE3	1140	9.08	5.22	2.2	37600	70.35	67.20	148
HTMV-100-6T-4 IE3	1164	12	6.91	3	41150	70.35	65.10	184
HTMV-100-6T-5.5 IE3	1152	15.6	8.99	4	47800	71.40	67.20	177
HTMV-125-4T/3-25 IE3	1764		33.6	18.5	98350	85.05	79.80	428
HTMV-125-4T/3-30 IE3	1770		40.6	22	110350	86.10	80.85	443
HTMV-125-4T/3-40 IE3	1776		55.9	30	125000	87.15	81.90	489
HTMV-125-4T/6-25 IE3	1764		33.6	18.5	92550	84.00	78.75	437
HTMV-125-4T/6-30 IE3	1770		40.6	22	98850	84.00	78.75	452
HTMV-125-4T/6-40 IE3	1776		55.9	30	117450	86.10	80.85	497
HTMV-125-4T/6-50 IE3	1776		69.2	37	131050	87.15	81.90	537
HTMV-125-4T/9-25 IE3	1764		33.6	18.5	79650	81.90	76.65	446
HTMV-125-4T/9-30 IE3	1770		40.6	22	88300	82.95	77.70	461
HTMV-125-4T/9-40 IE3	1776		55.9	30	104050	85.05	79.80	506
HTMV-125-4T/9-50 IE3	1776		69.2	37	118400	87.15	81.90	546
HTMV-125-6T/3-4 IE3	1164	12	6.91	3	46750	73.50	68.25	280
HTMV-125-6T/3-5.5 IE3	1152	15.6	8.99	4	55400	73.50	69.30	273
HTMV-125-6T/3-7.5 IE3	1164		11.2	5.5	68400	74.55	70.35	251
HTMV-125-6T/3-10 IE3	1164		14.8	7.5	79150	76.65	72.45	270
HTMV-125-6T/3-15 IE3	1164		22	11	87150	77.70	73.50	323
HTMV-125-6T/3-20 IE3	1170		28	15	91650	78.75	74.55	429
HTMV-125-6T/6-5.5 IE3	1152	15.6	8.99	4	51500	69.3	65.10	282
HTMV-125-6T/6-7.5 IE3	1164		11.2	5.5	60650	69.30	65.10	260
HTMV-125-6T/6-10 IE3	1164		14.8	7.5	72650	71.40	67.20	279
HTMV-125-6T/6-15 IE3	1164		22	11	85850	73.50	69.30	332
HTMV-125-6T/6-20 IE3	1170		28	15	92850	74.55	70.35	438
HTMV-125-6T/9-10 IE3	1164		14.8	7.5	63500	71.40	67.20	288
HTMV-125-6T/9-15 IE3	1164		22	11	77550	74.55	70.35	341
HTMV-125-6T/9-20 IE3	1170		28	15	92950	77.70	73.50	447

(1) The noise level values are pressures in dB(A) measured at a distance of 6 metres in a free field.

Accessories


INT


AET


VSD


RT


PA


MS

Acoustic characteristics

The indicated values are determined by measuring the pressure and sound power levels in dB(A) obtained in a free field at a distance of 6 m.

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

Values taken during intake with maximum flow rate

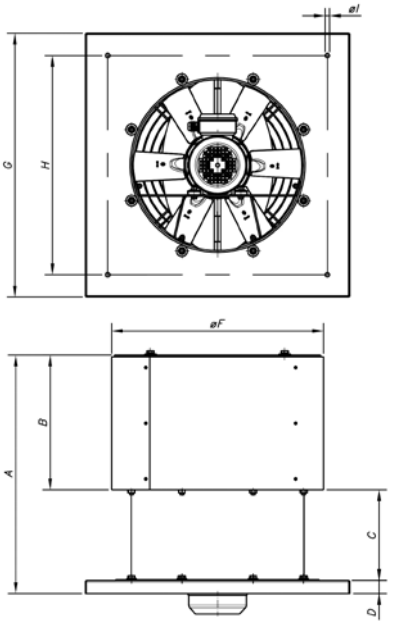
Model	63	125	250	500	1000	2000	4000	8000
40-4-0,75	36	57	64	69	72	68	61	50
40-6-0,75	25	46	53	58	61	57	50	39
45-4-0,75	40	61	68	73	76	72	65	54
45-6-0,75	27	48	55	60	63	59	52	41
50-4-1	44	64	72	77	79	76	69	58
50-6-0,75	32	52	60	65	67	64	57	46
56-4-1	48	68	76	81	83	80	73	62
56-4-1.5	49	69	77	82	84	81	74	63
56-4-2	50	70	78	83	85	82	75	64
56-6-0,75	37	57	65	70	72	69	62	51
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
63-6-0,75	42	60	68	73	75	72	65	56
63-6-1	43	62	70	75	77	74	67	57
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
80-4-4	56	76	84	89	91	88	81	74
80-4-5.5	56	76	84	89	91	88	81	74
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
90-4-5.5	60	81	88	93	96	92	85	74
90-4-7.5	59	80	87	92	95	91	84	73
90-4-10	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
100-4-7.5	64	84	92	97	99	96	89	78
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
125-4/3-25	73	79	91	101	101	97	89	85
125-4/3-30	74	80	92	102	102	98	90	86
125-4/3-40	75	81	93	103	103	99	91	87
125-4/6-25	68	76	92	99	101	96	90	86
125-4/6-30	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
125-4/9-25	66	74	91	97	98	93	88	84
125-4/9-30	67	75	92	98	99	94	89	85
125-4/9-40	69	77	94	100	101	96	91	87
125-4/9-50	71	79	96	102	103	98	93	89
125-6/3-4	66	74	86	90	88	83	74	70
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
125-6/6-5.5	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
125-6/9-10	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

Values taken during discharge with maximum flow rate

Model	63	125	250	500	1000	2000	4000	8000
40-4-0,75	31	52	59	64	67	63	56	45
40-6-0,75	21	42	49	54	57	53	46	35
45-4-0,75	35	56	63	68	71	67	60	49
45-6-0,75	23	44	51	56	59	55	48	37
50-4-1	39	59	67	72	74	71	64	53
50-6-0,75	28	48	56	61	63	60	53	42
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
56-6-0,75	33	53	61	66	68	65	58	47
63-4-1.5	44	64	72	77	79	76	69	60
63-4-2	47	64	72	77	79	76	69	61
63-4-3	48	66	74	79	81	78	73	62
63-4-4	49	67	75	80	82	79	74	63
63-6-0,75	38	56	64	69	71	68	61	52
63-6-1	39	58	66	71	73	70	63	53
71-4-2	49	69	77	82	84	81	74	65
71-4-3	53	68	76	81	83	80	73	67
71-4-4	54	69	77	82	84	81	74	68
71-6-0,75	40	60	68	71	73	70	63	52
71-6-1	41	61	69	71	73	70	63	52
71-6-1.5	42	62	67	72	74	71	64	53
80-4-4	52	72	80	85	87	84	77	69
80-4-5.5	52	72	80	85	87	84	77	70
80-6-1.5	45	62	70	75	77	74	67	56
80-6-2	46	63	71	76	78	75	68	57
80-6-3	47	64	72	77	79	76	69	58
90-4-5.5	56	77	84	89	92	88	81	70
90-4-7.5	55	76	83	88	91	87	80	69
90-4-10	54	75	82	87	90	86	79	68
90-6-2	45	66	73	78	81	77	70	59
90-6-3	52	66	73	78	81	77	70	59
90-6-4	53	68	75	80	83	79	72	61
100-4-7.5	60	80	88	93	95	92	85	74
100-4-10	58	78	86	91	93	90	83	72
100-4-15	57	77	85	90	92	89	82	71
100-4-20	59	79	87	92	94	91	84	73
100-6-3	58	69	77	82	84	81	74	63
100-6-4	59	67	75	80	82	79	72	61
100-6-5.5	60	69	77	82	84	81	74	63
125-4/3-25	68	74	86	96	96	92	84	80
125-4/3-30	69	75	87	97	97	93	85	81
125-4/3-40	70	76	88	98	98	94	86	82
125-4/6-25	63	71	87	94	96	91	85	81
125-4/6-30	63	71	87	94	96	91	85	81
125-4/6-40	65	73	89	96	98	93	87	83
125-4/6-50	66	74	90	97	99	94	88	84
125-4/9-25	61	69	86	92	93	88	83	79
125-4/9-30	62	70	87	93	94	89	84	80
125-4/9-40	64	72	89	95	96	91	86	82
125-4/9-50	66	74	91	97	98	93	88	84
125-6/3-4	61	69	81	85	83	78	69	65
125-6/3-5.5	62	70	82	86	84	79	70	66
125-6/3-7.5	63	71	83	87	85	80	71	67
125-6/3-10	65	73	85	89	87	82	73	69
125-6/3-15	66	74	86	90	88	83	74	70
125-6/3-20	67	75	87	91	89	84	75	71
125-6/6-5.5	56	65	78	81	82	79	68	64
125-6/6-7.5	56	65	78	81	82	79	68	64
125-6/6-10	58	67	80	83	84	81	70	66
125-6/6-15	60	69	82	85	86	83	72	68
125-6/6-20	61	70	83	86	87	84	73	69
125-6/9-10	54	64	79	83	82	81	70	66
125-6/9-15	57	67	82	86	85	84	73	69
125-6/9-20	60	70	85	89	88	87	76	72

Dimensions mm

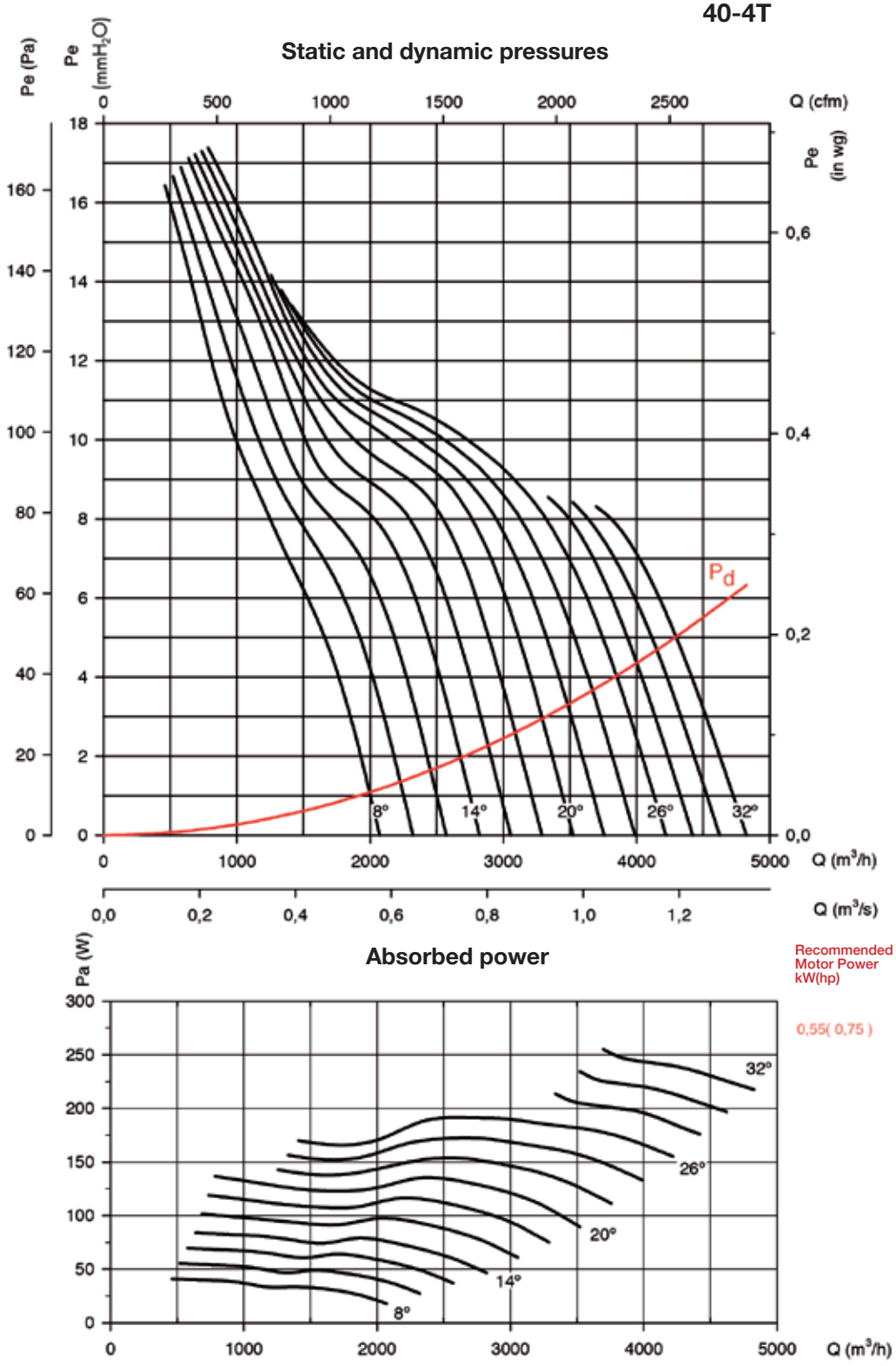
Model	A	B	C	D	ØF	G	H	ØI
HTMV-40	628	349	244	35	519	630	530	12
HTMV-45	642	363	244	35	569	710	590	12
HTMV-50	679	400	244	35	626	900	750	12
HTMV-56	710	426	244	40	686	900	750	14
HTMV-63	747	463	244	40	753	1000	850	14
HTMV-71	830	498	292	40	833	1000	850	14
HTMV-80	887	545	292	50	923	1150	1000	14
HTMV-90	989	601	338	50	1031	1150	1000	14
HTMV-100	1136	648	438	50	1128	1250	1100	14
HTMV-125	1313	775	488	50	1376	1425	1275	17



Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

40-4T

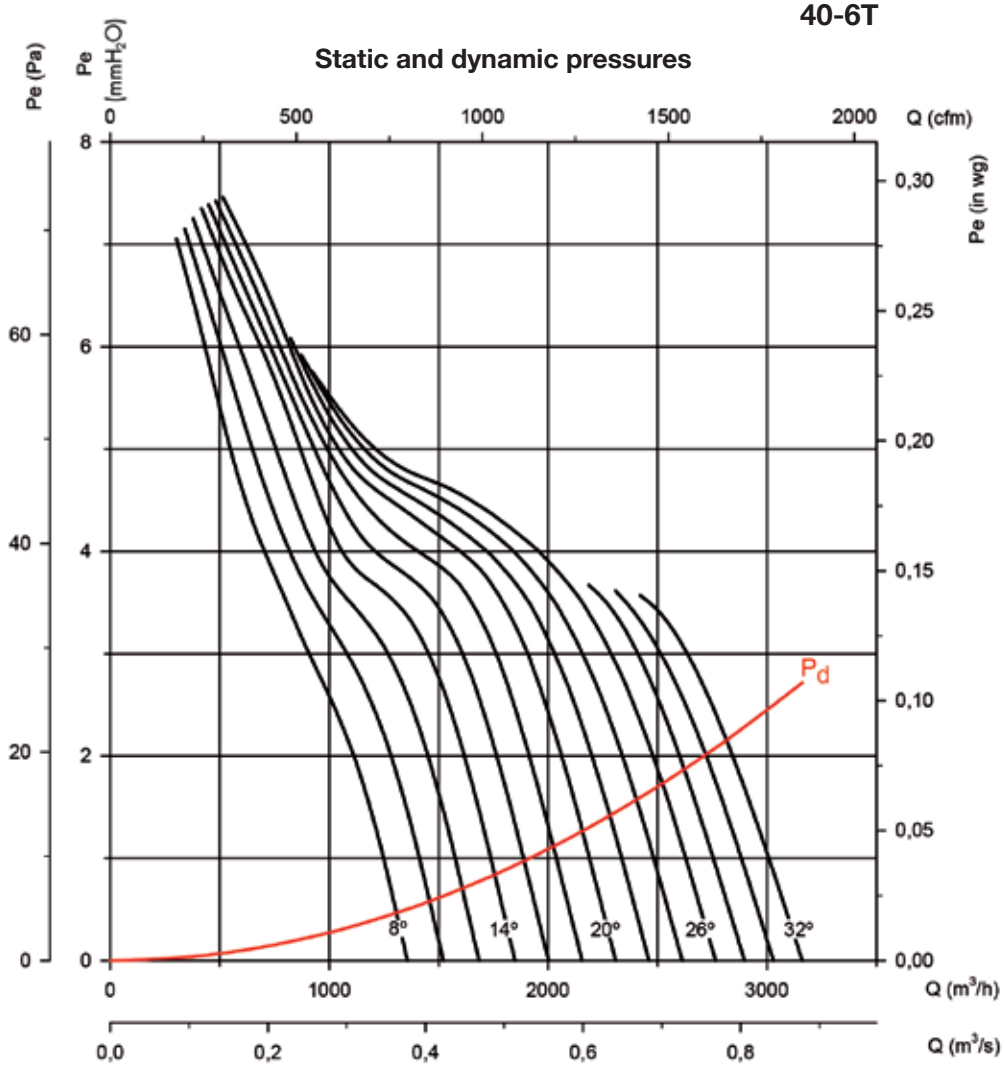


Characteristic curves

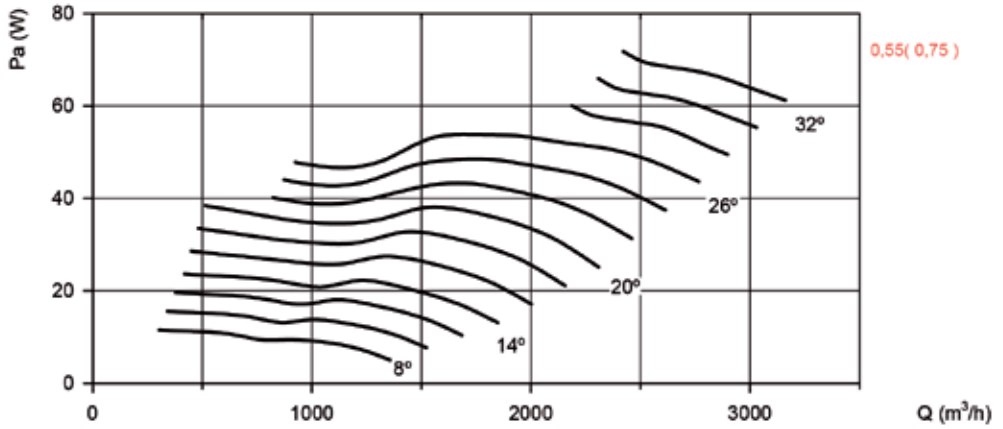
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

40-6T

Static and dynamic pressures



Absorbed power



Recommended Motor Power kW(hp)

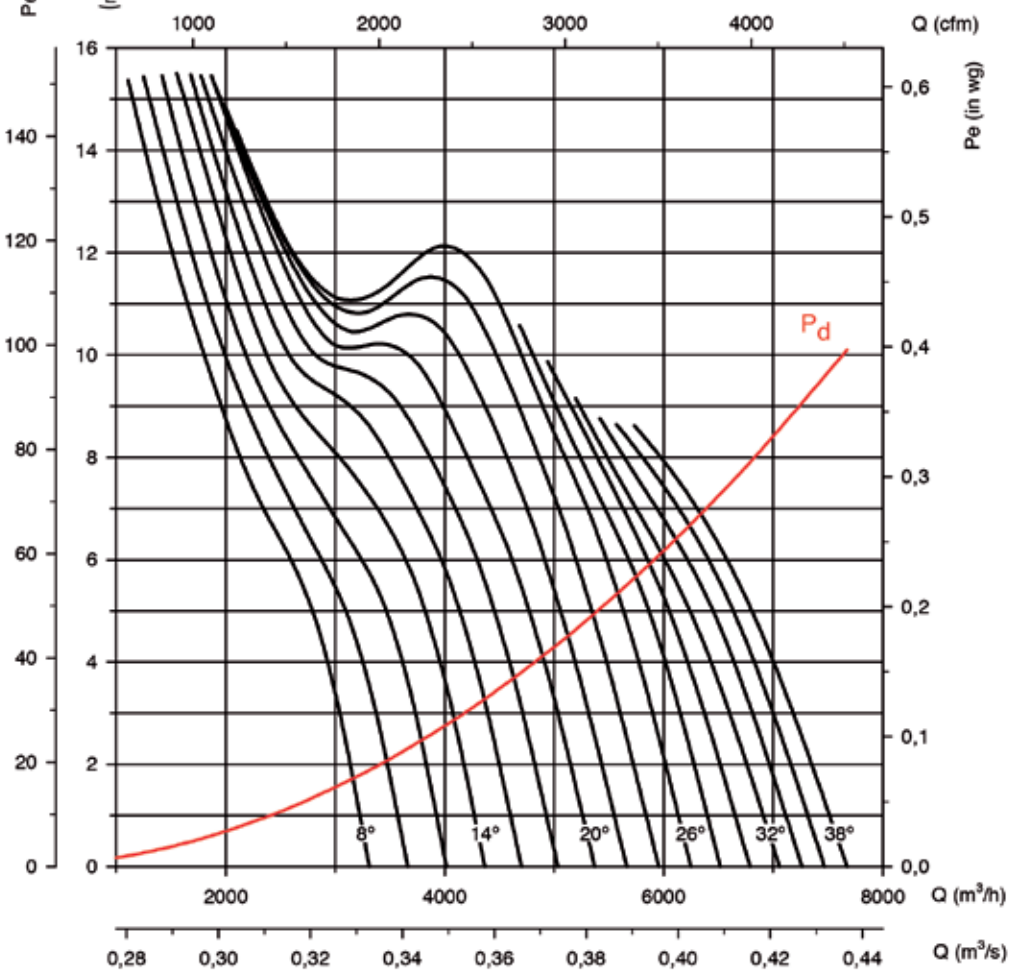
0,55(0,75)

Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

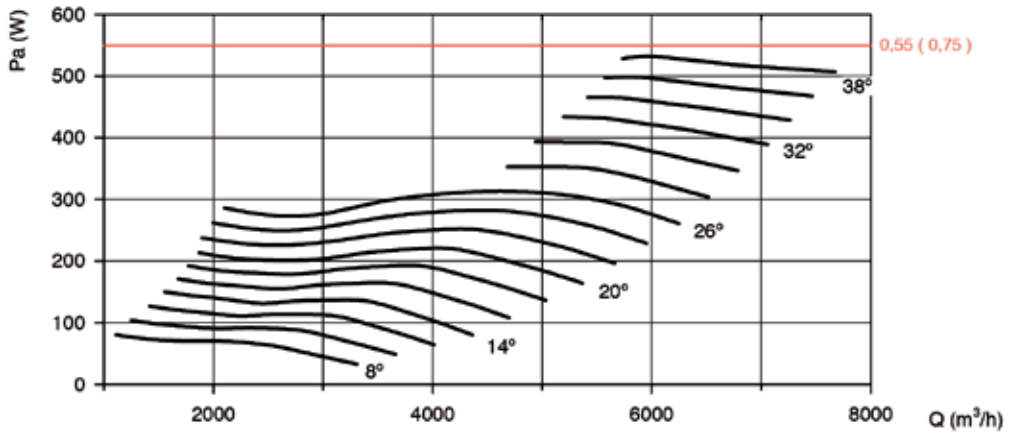
45-4T

Static and dynamic pressures



Absorbed power

Recommended Motor Power kW(hp)

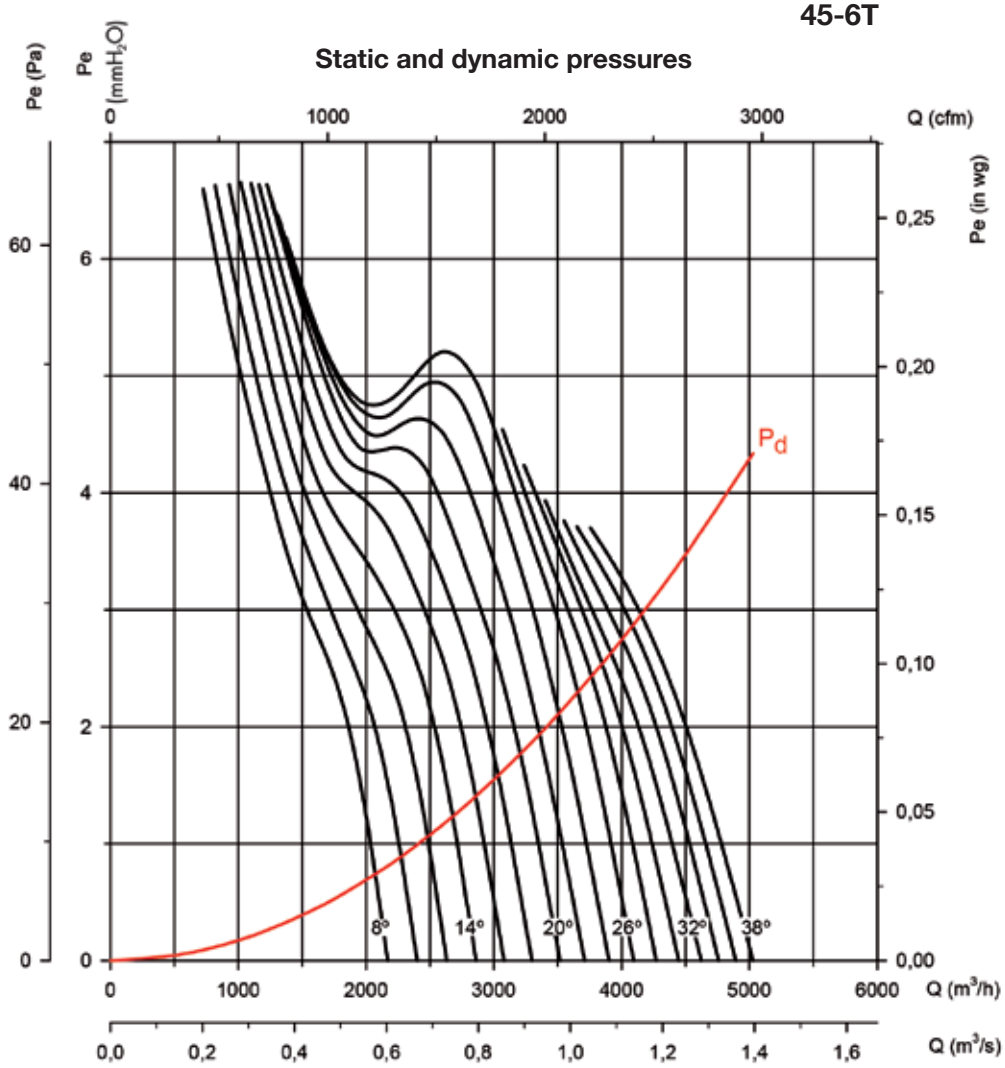


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

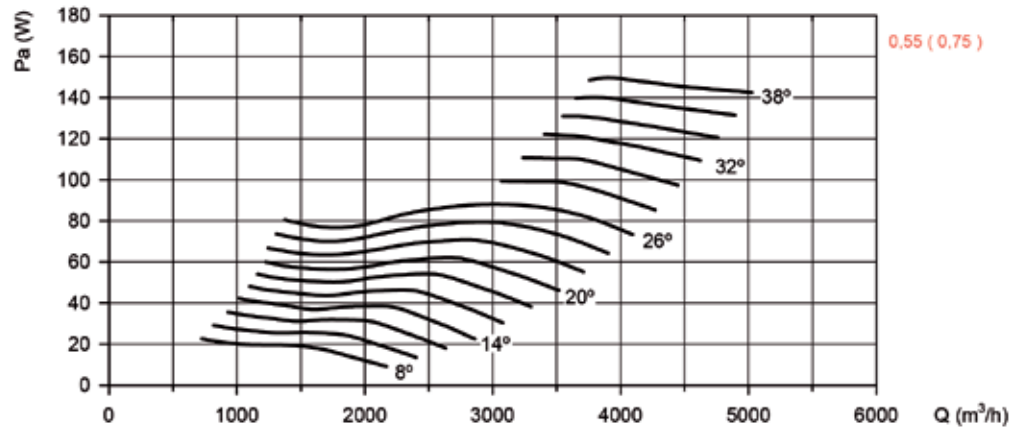
45-6T

Static and dynamic pressures



Absorbed power

Recommended Motor Power kW(hp)

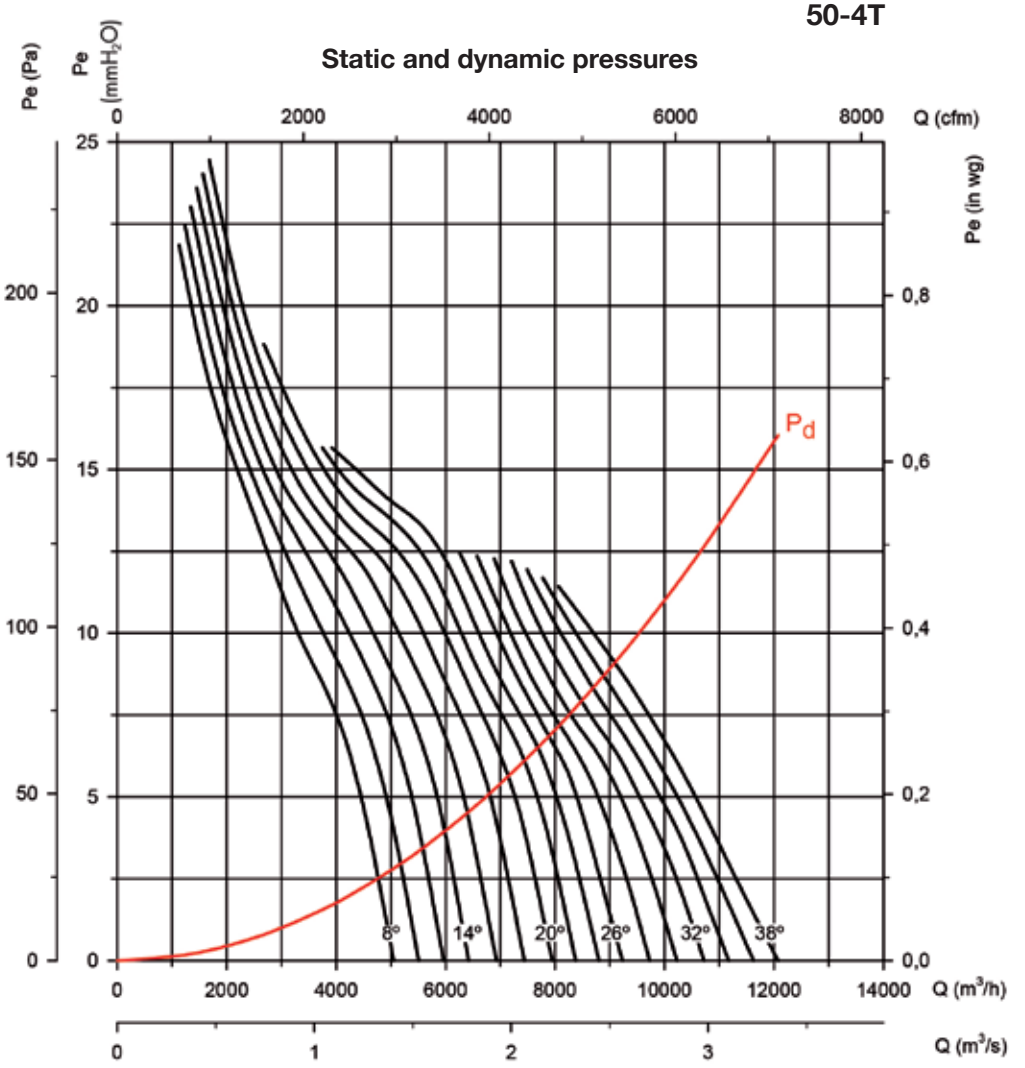


Characteristic curves

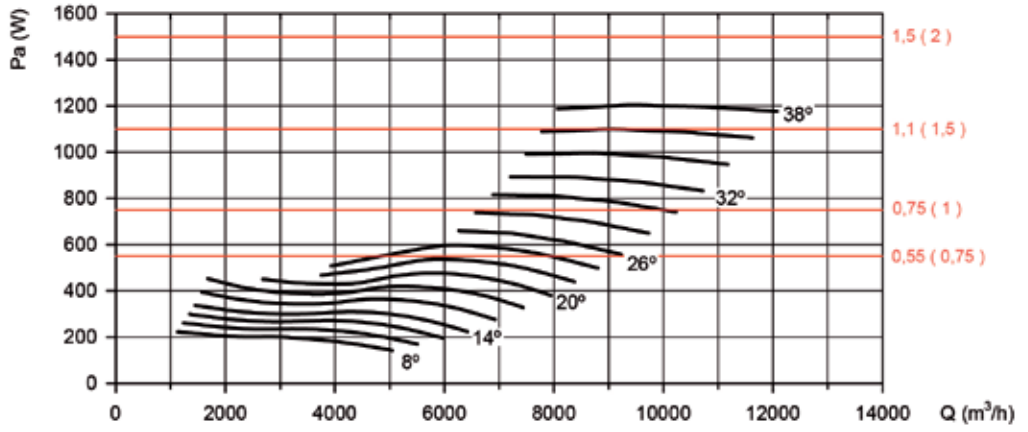
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

50-4T

Static and dynamic pressures



Absorbed power

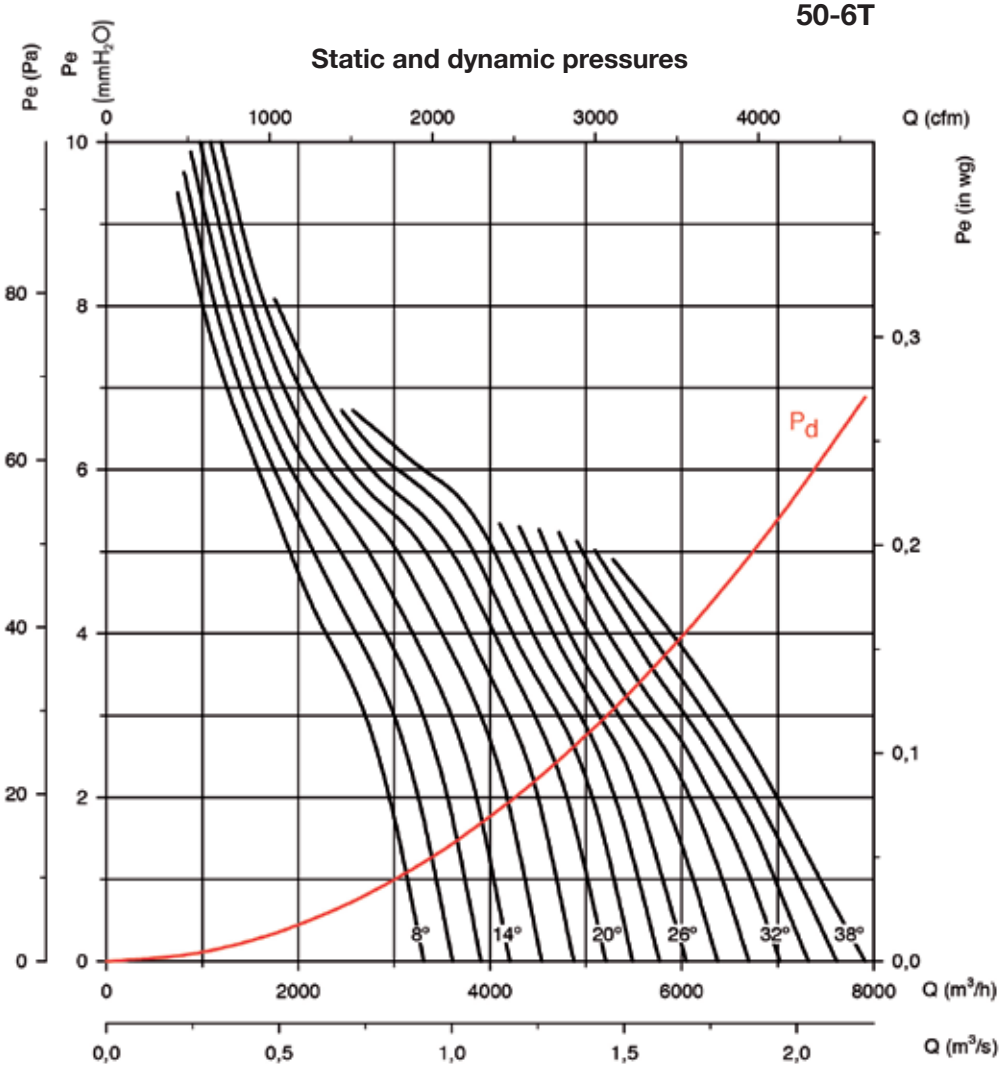


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

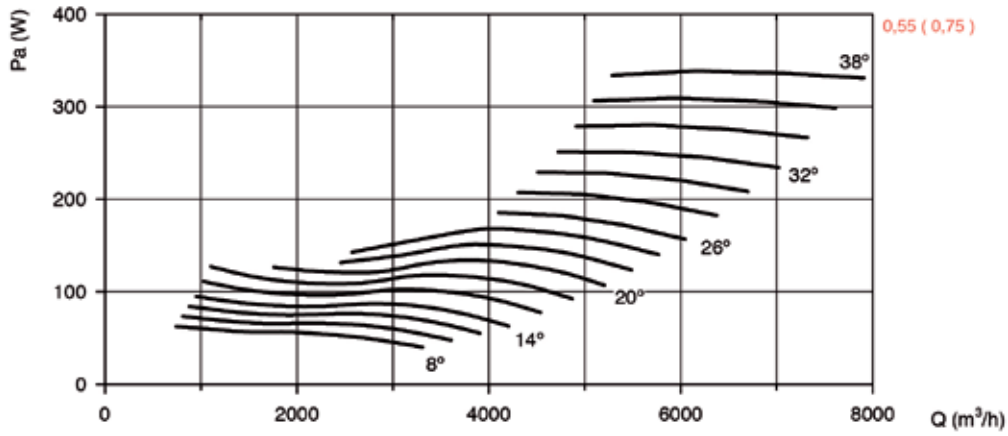
50-6T

Static and dynamic pressures



Absorbed power

Recommended Motor Power kW(hp)

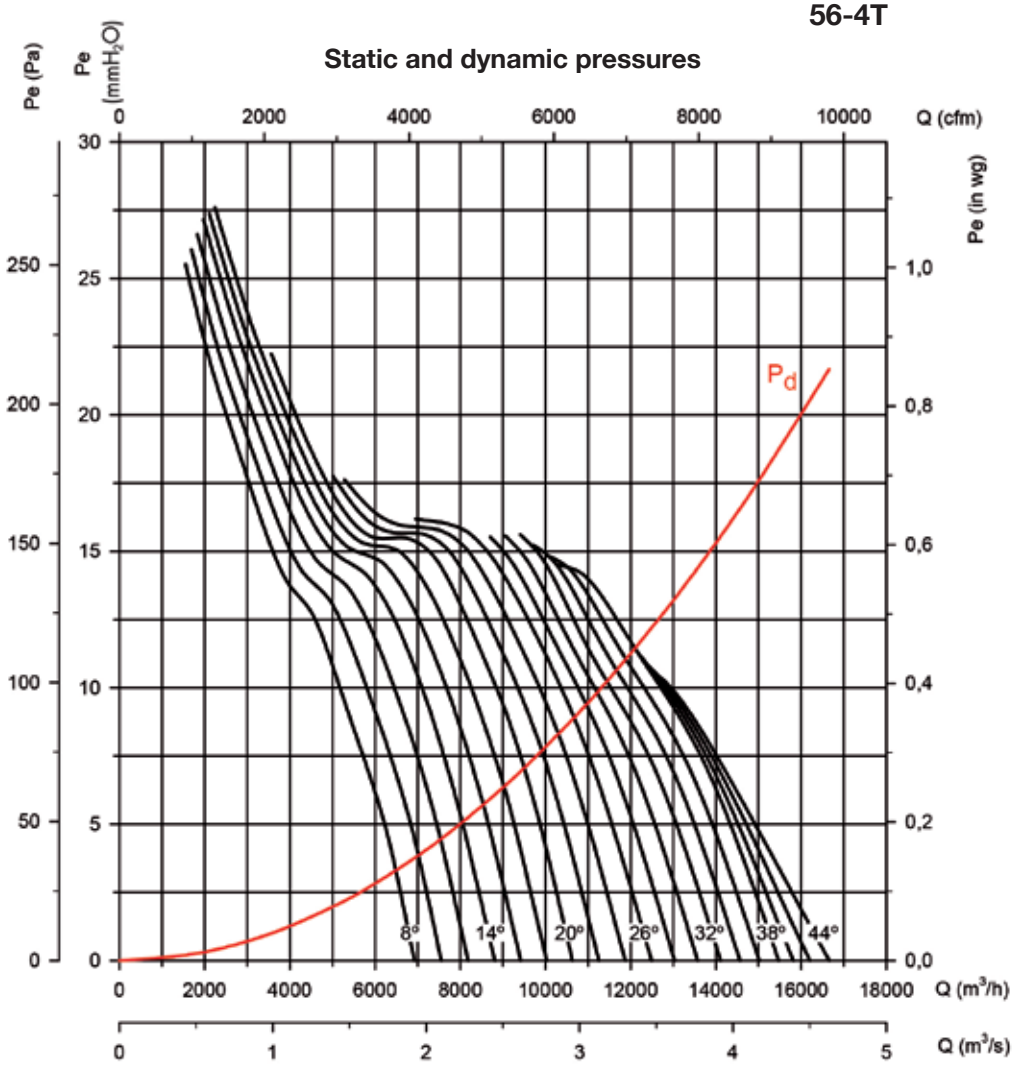


Characteristic curves

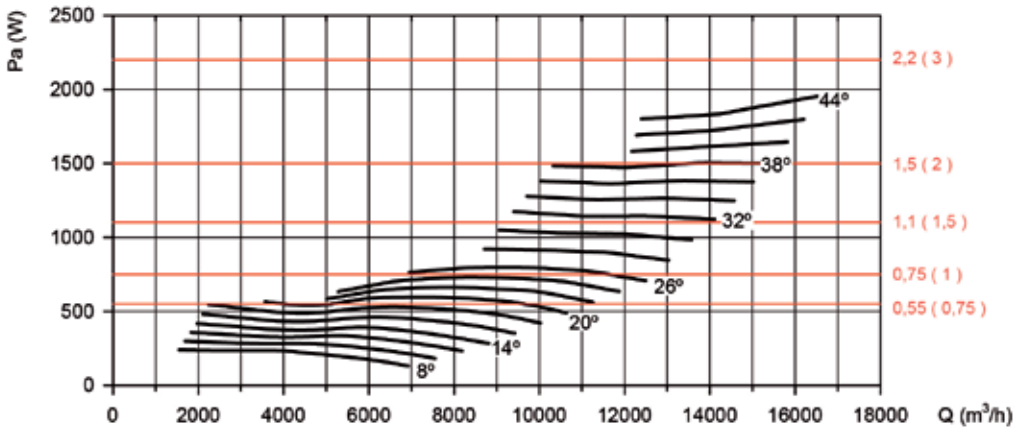
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

56-4T

Static and dynamic pressures



Absorbed power

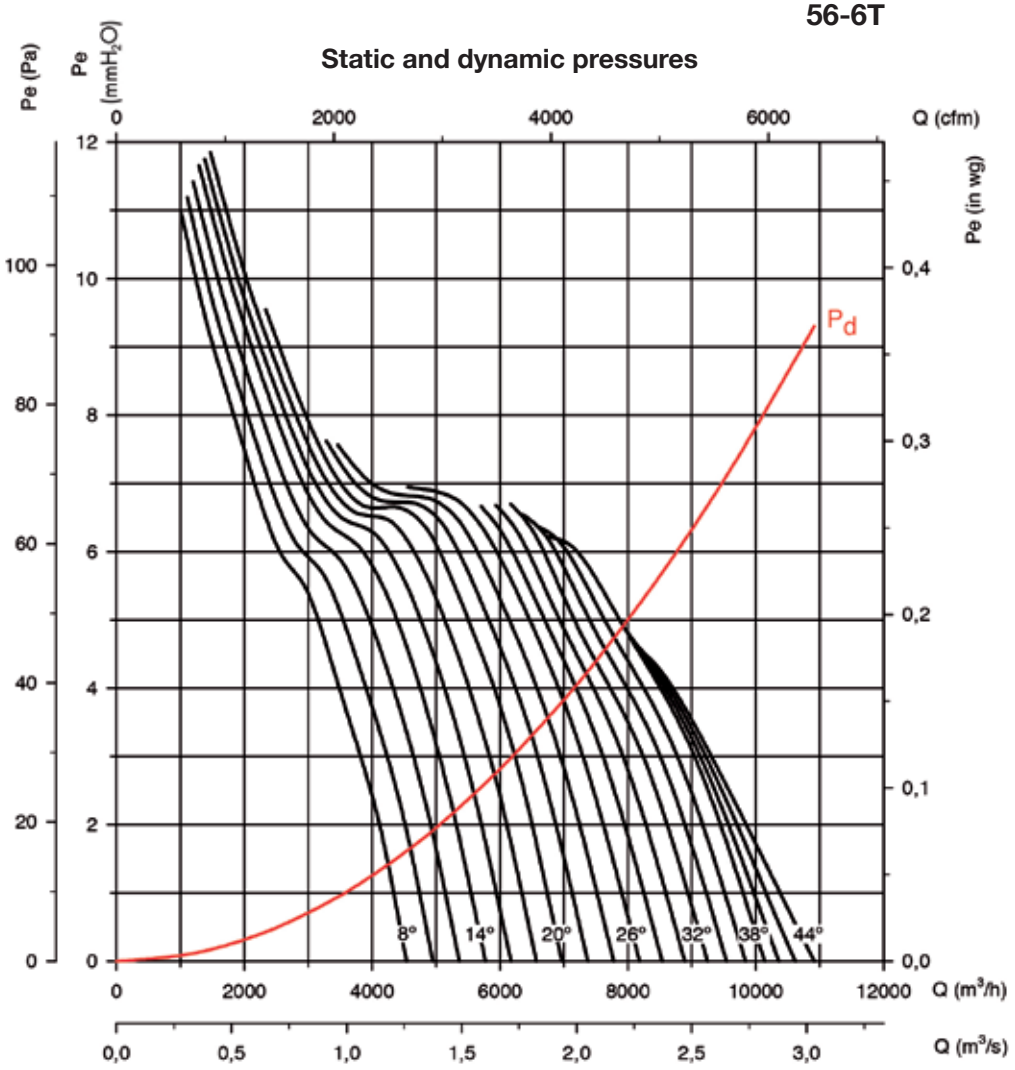


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

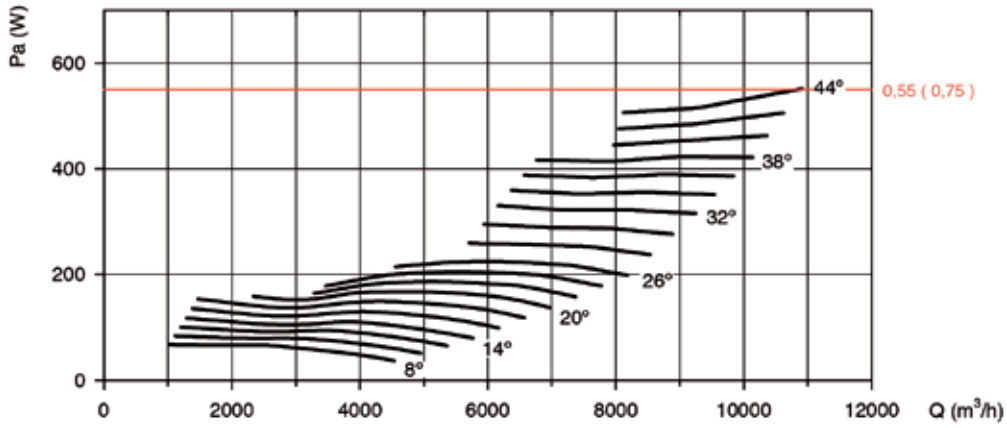
56-6T

Static and dynamic pressures



Absorbed power

Recommended Motor Power kW(hp)

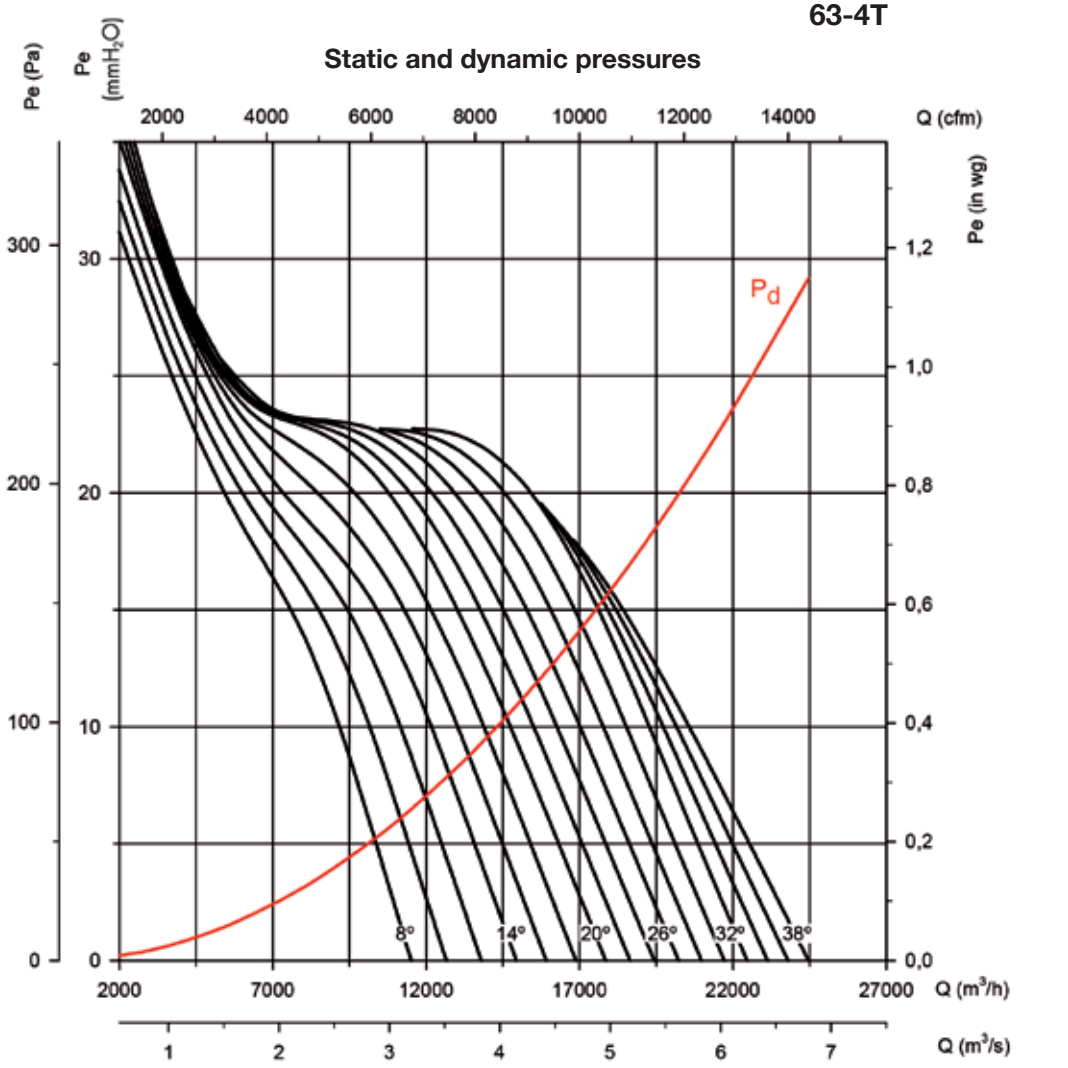


Characteristic curves

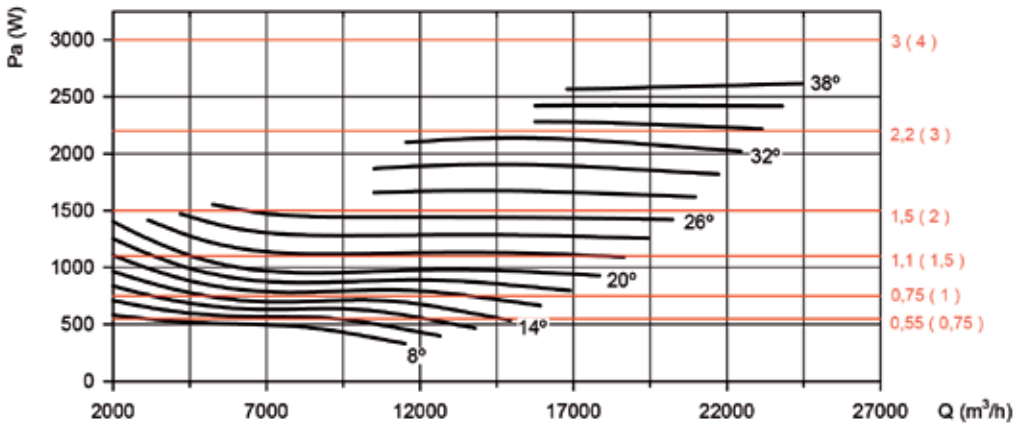
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

63-4T

Static and dynamic pressures



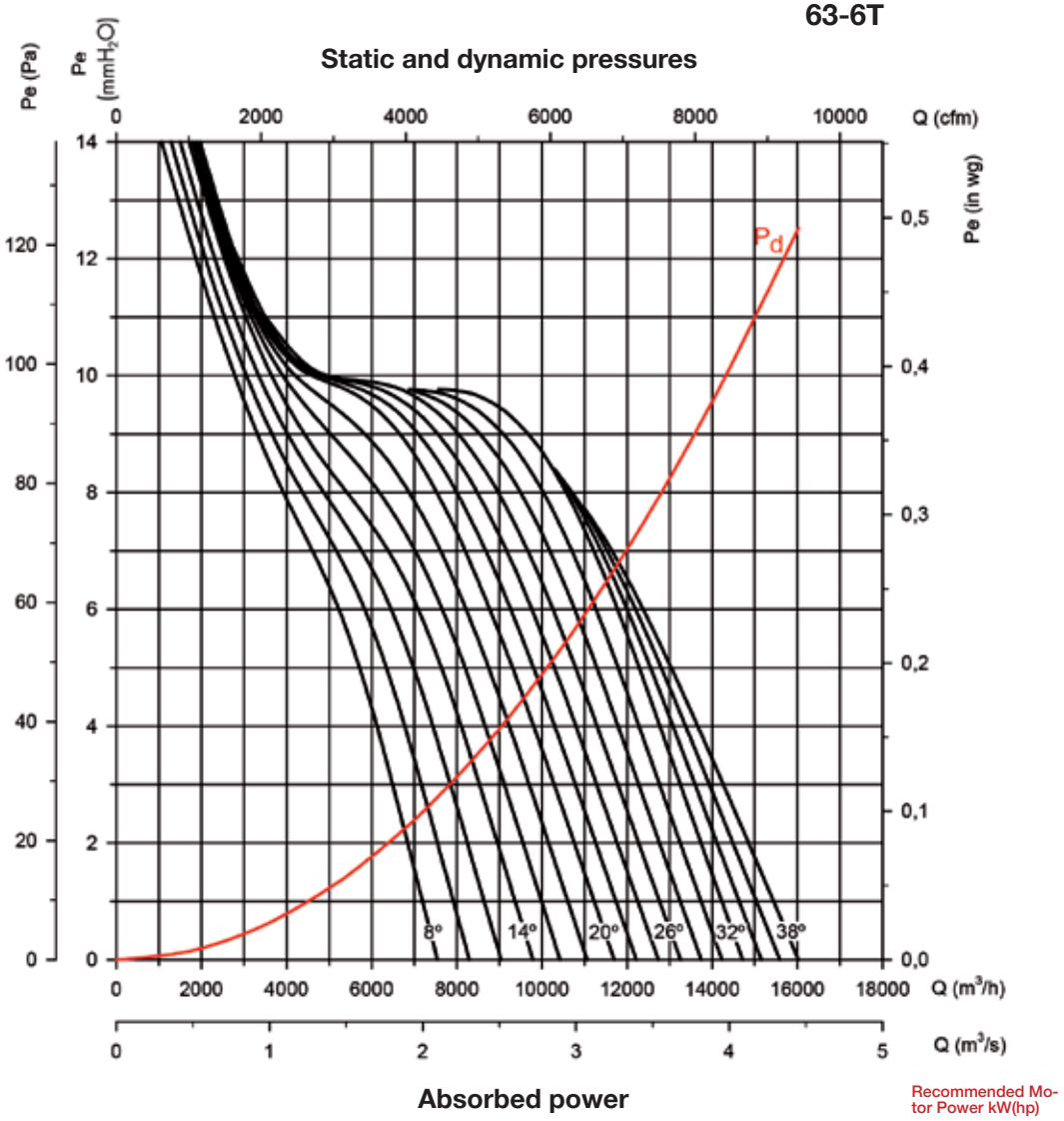
Absorbed power

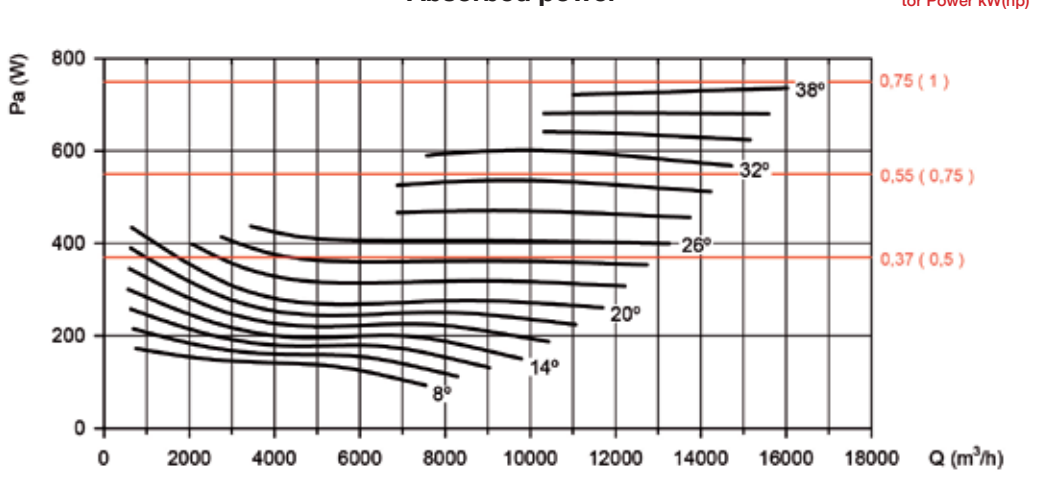


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

63-6T





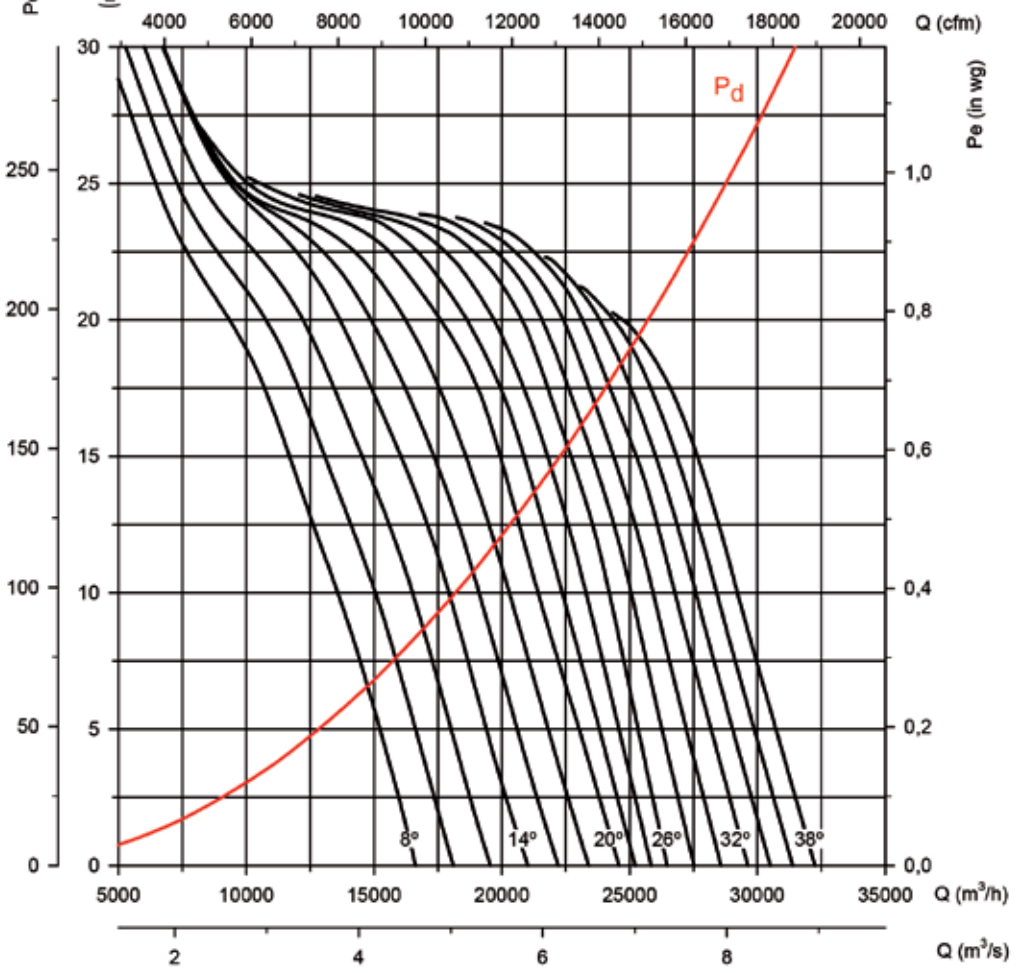
Characteristic curves

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

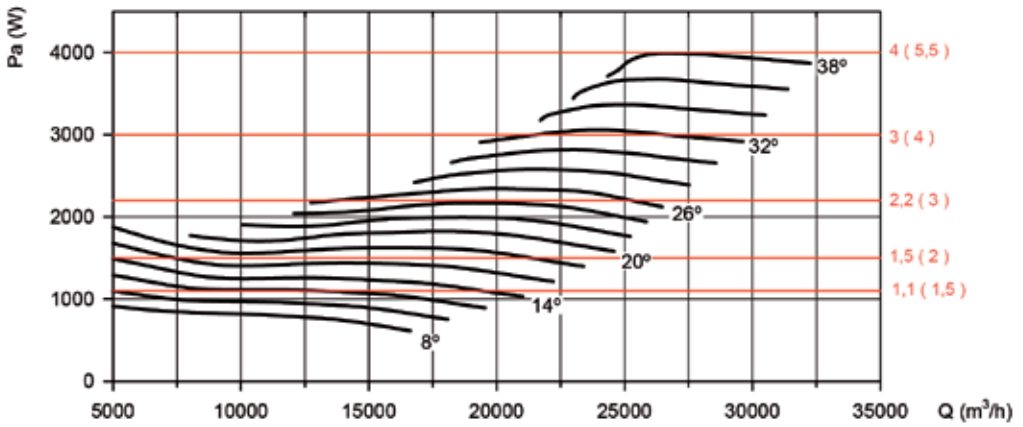
Pe= Static pressure in mm H_2O, Pa and inwg.

71-4T

Static and dynamic pressures



Absorbed power

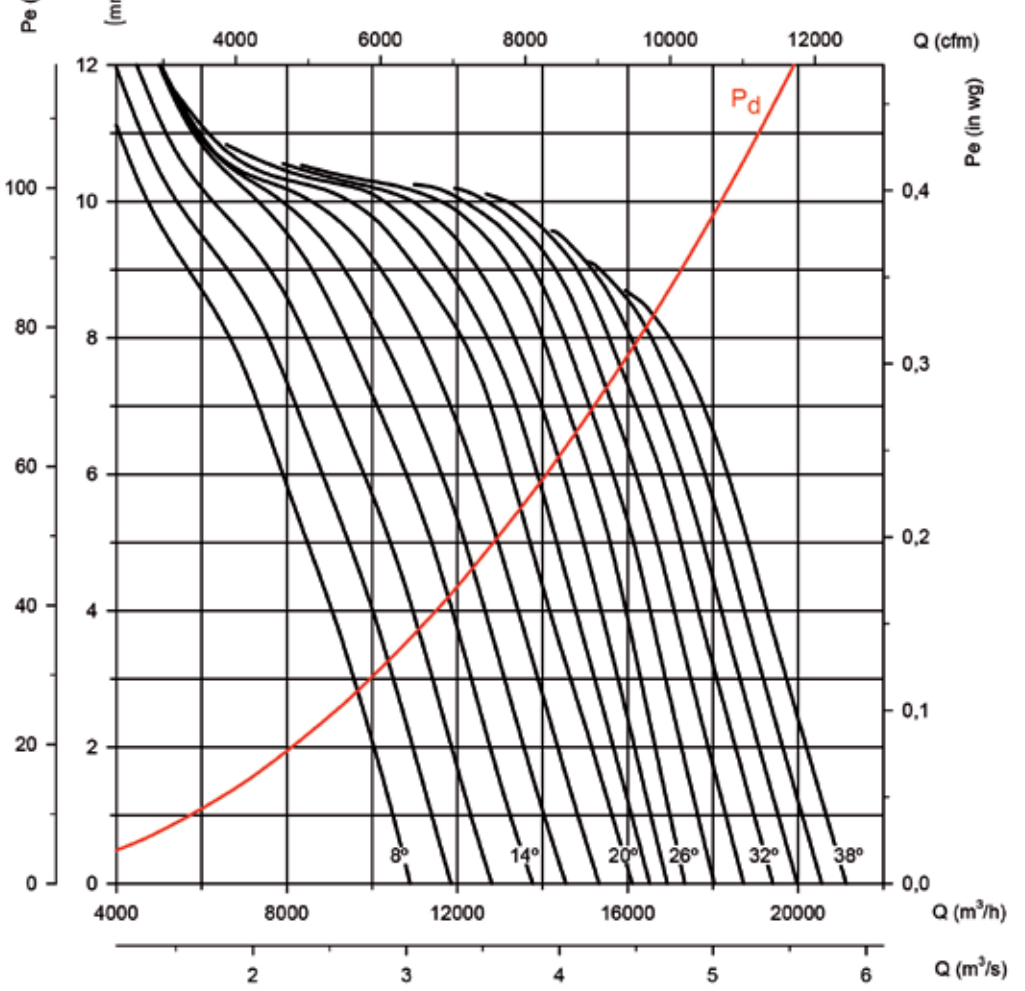


Characteristic curves

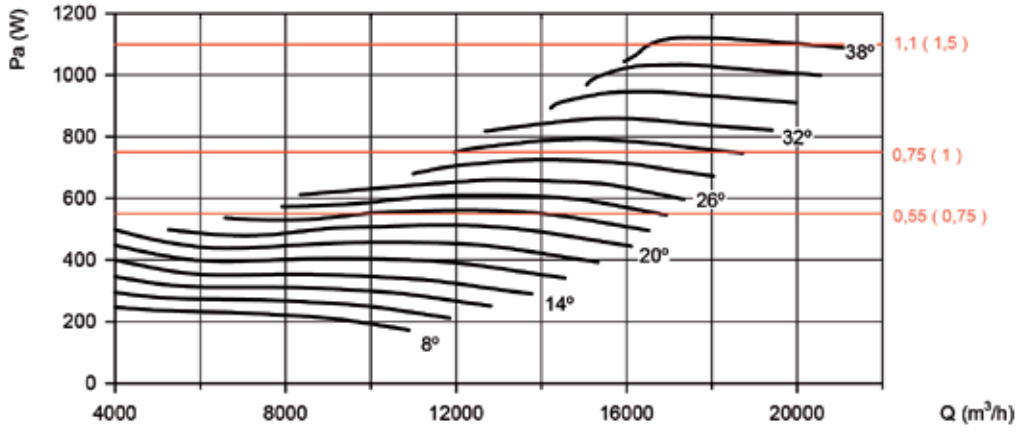
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

71-6T

Static and dynamic pressures



Absorbed power

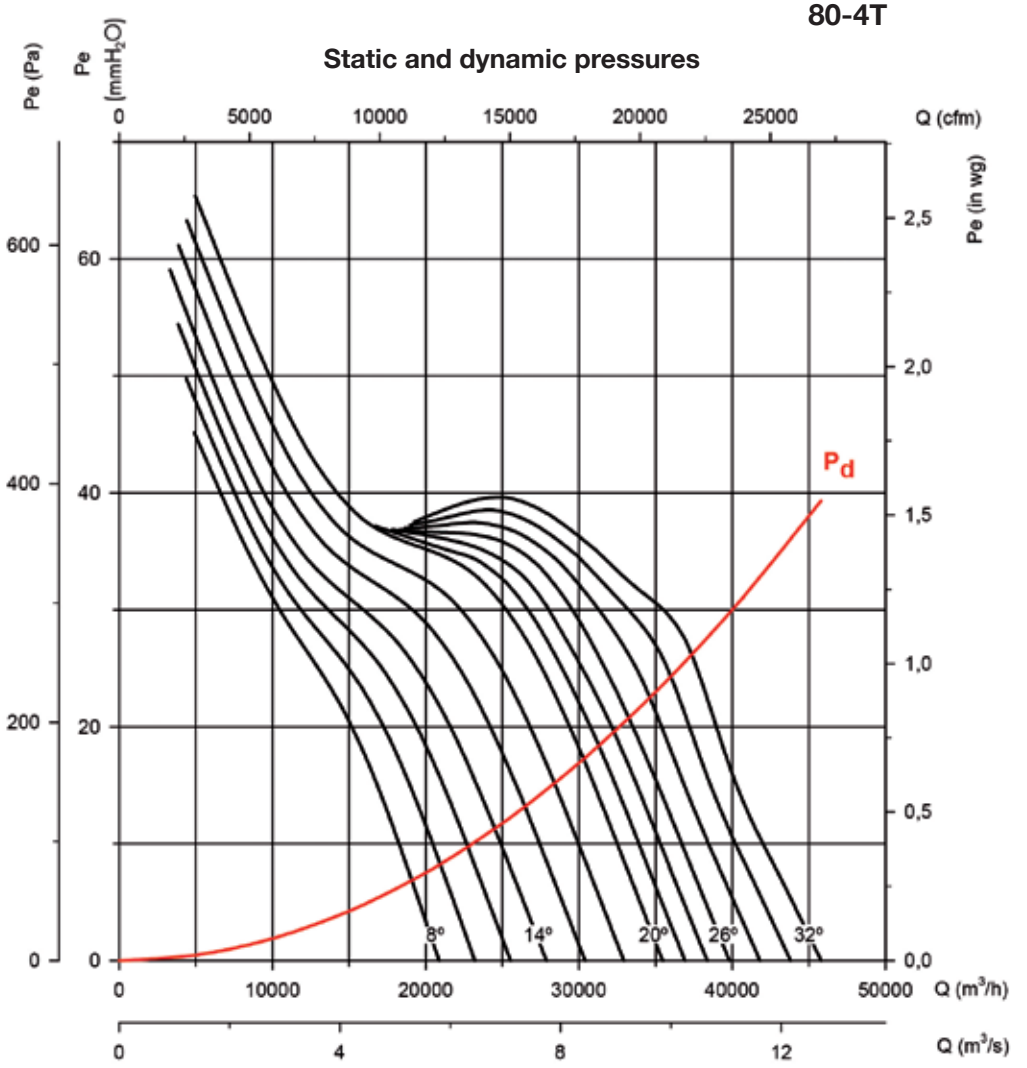


Characteristic curves

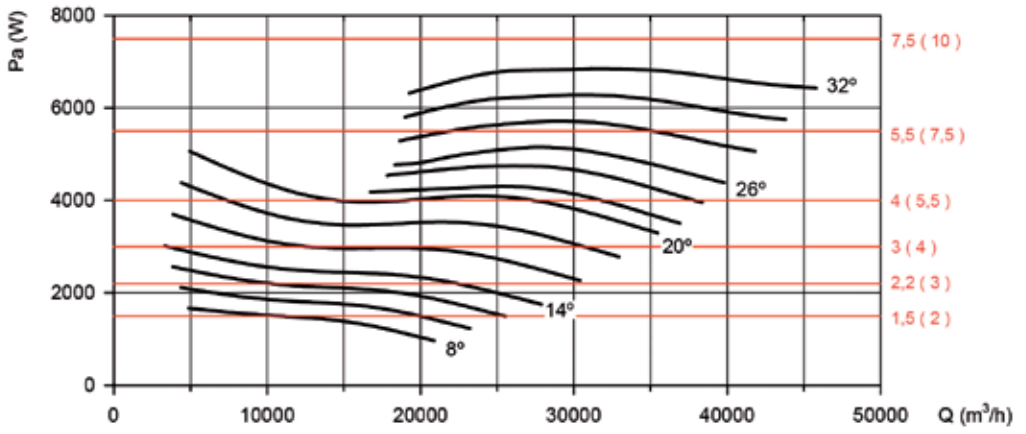
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

80-4T

Static and dynamic pressures



Absorbed power

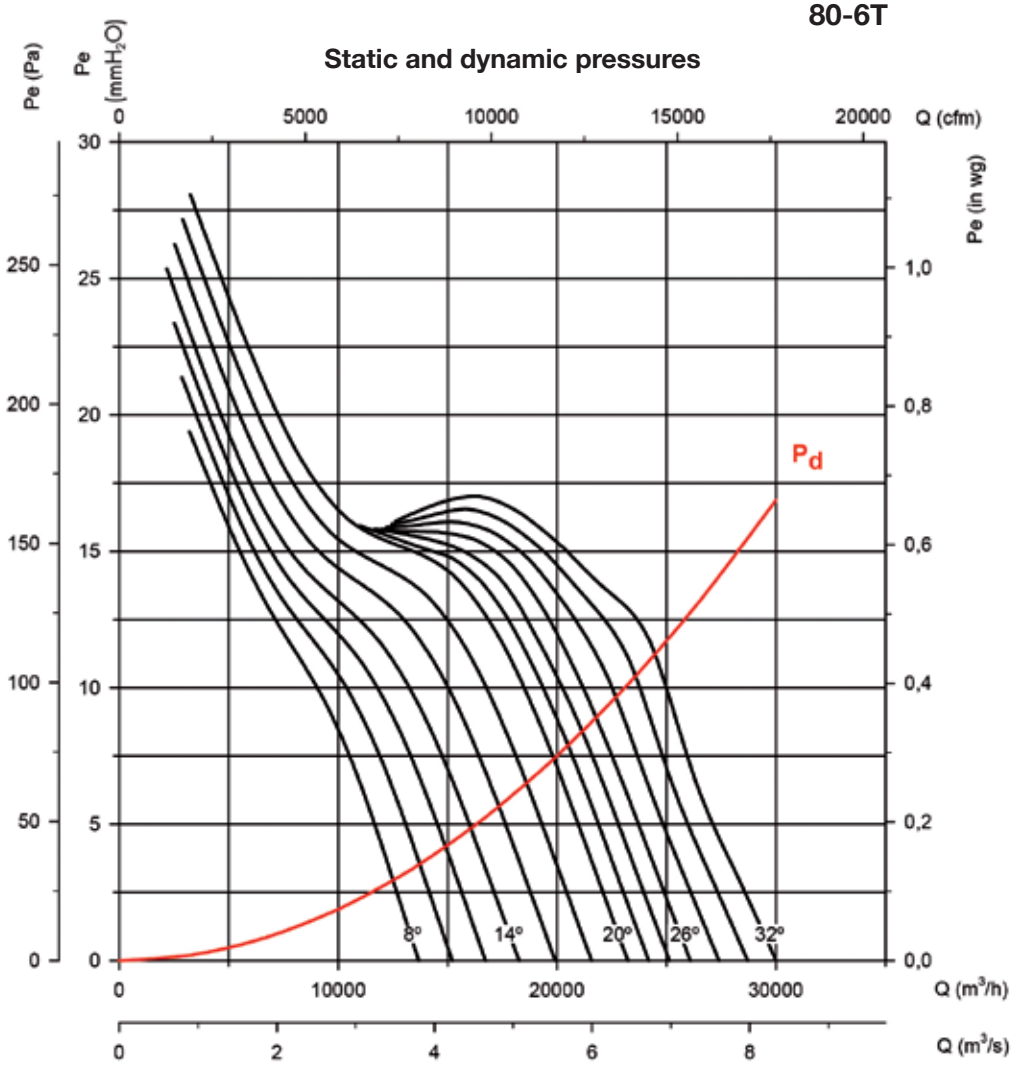


Characteristic curves

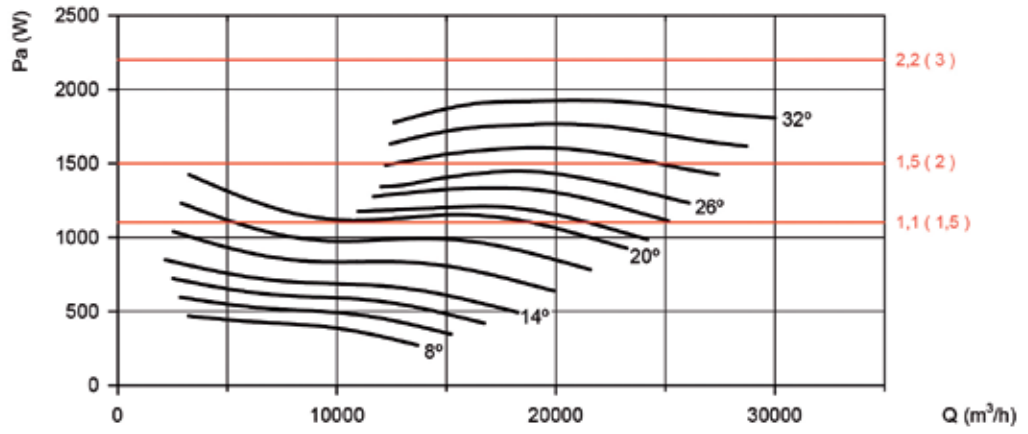
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

80-6T

Static and dynamic pressures



Absorbed power



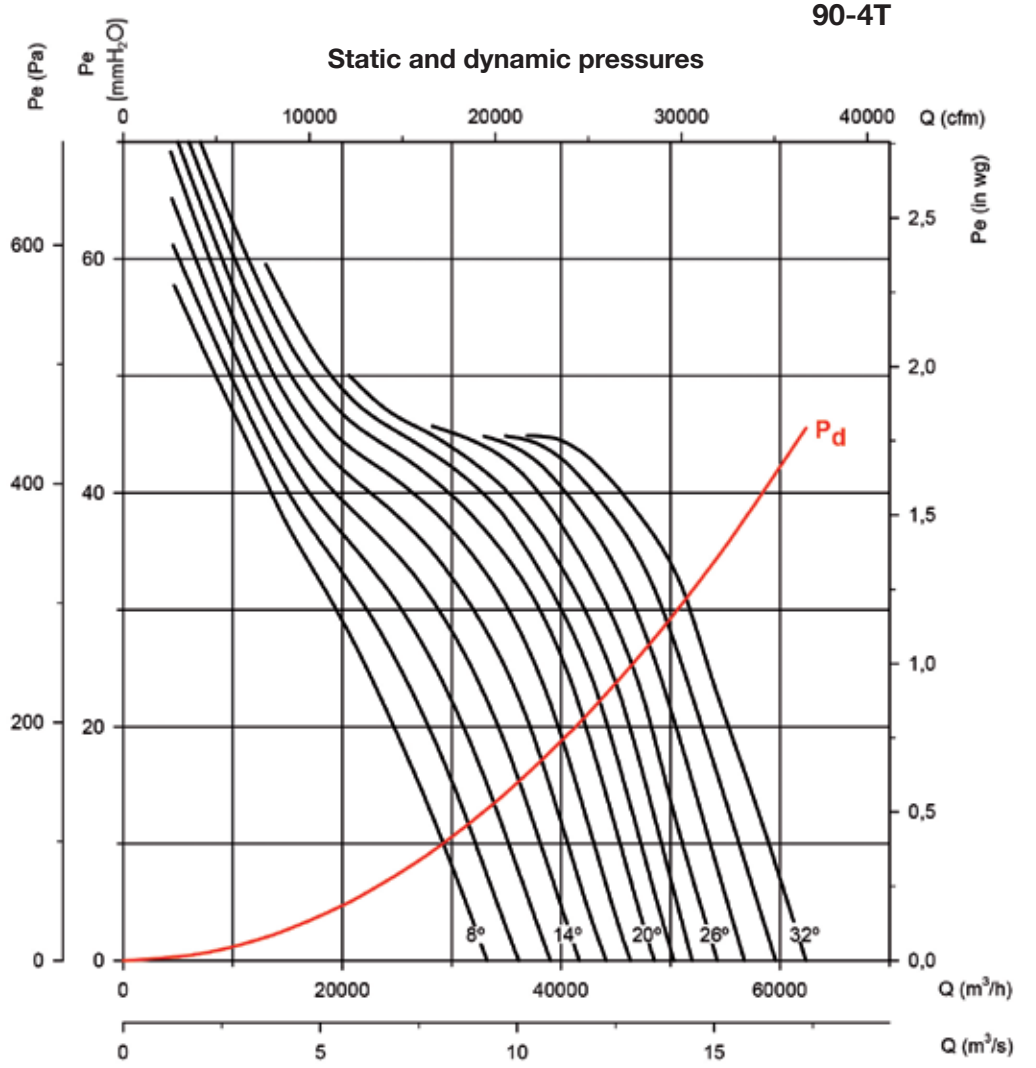
Characteristic curves

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

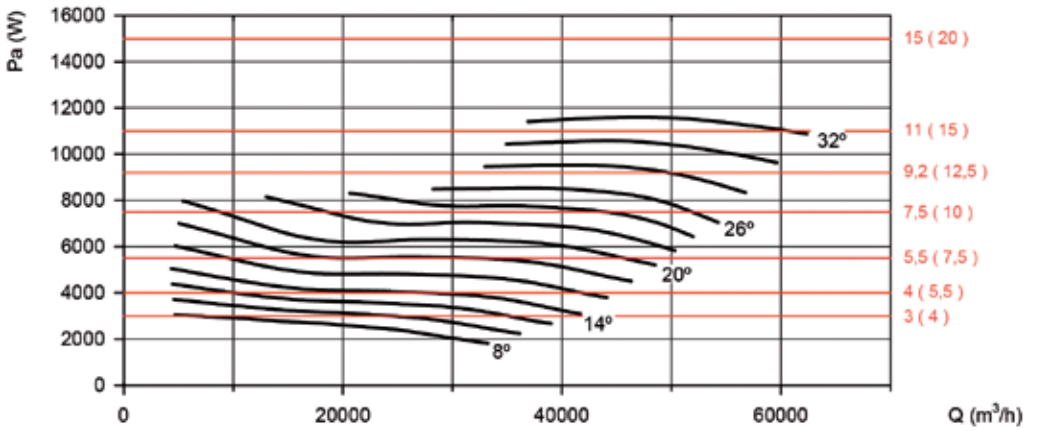
Pe= Static pressure in mm H_2O, Pa and inwg.

90-4T

Static and dynamic pressures



Absorbed power

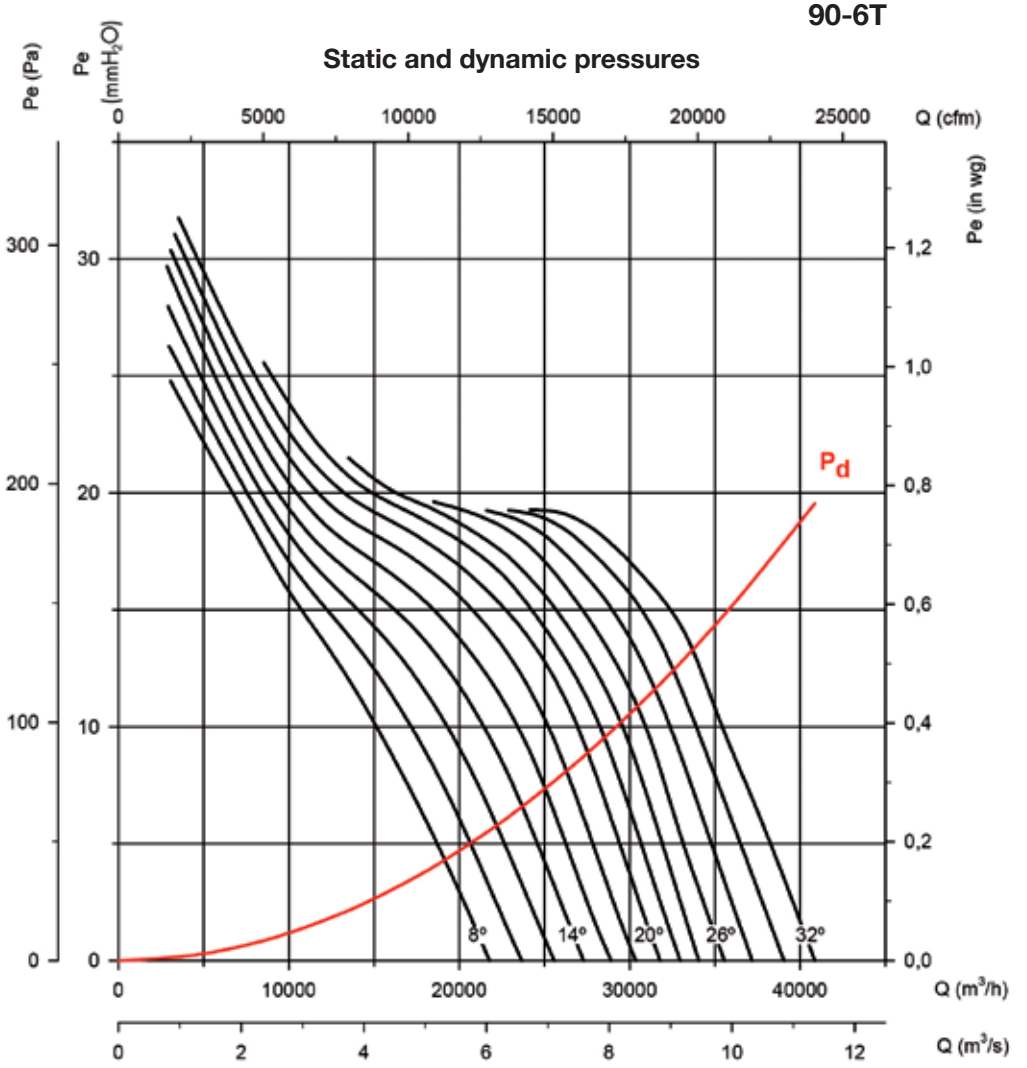


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

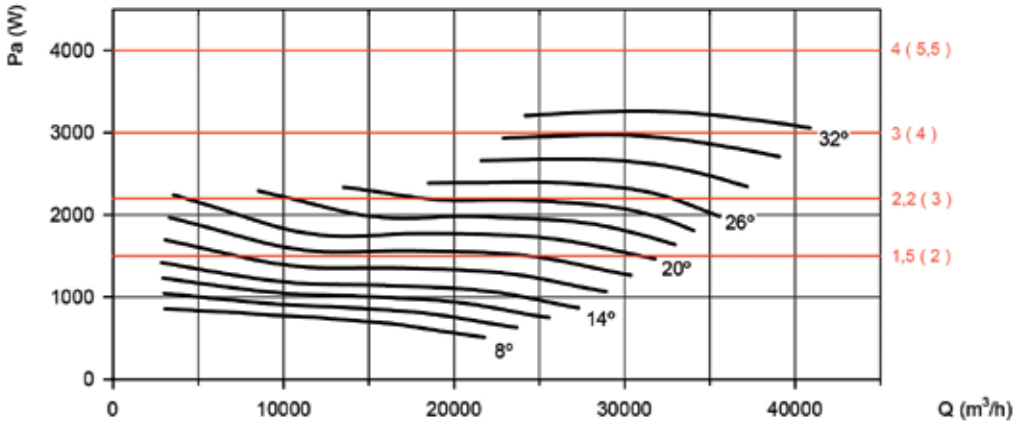
90-6T

Static and dynamic pressures



Absorbed power

Recommended Motor Power kW(hp)



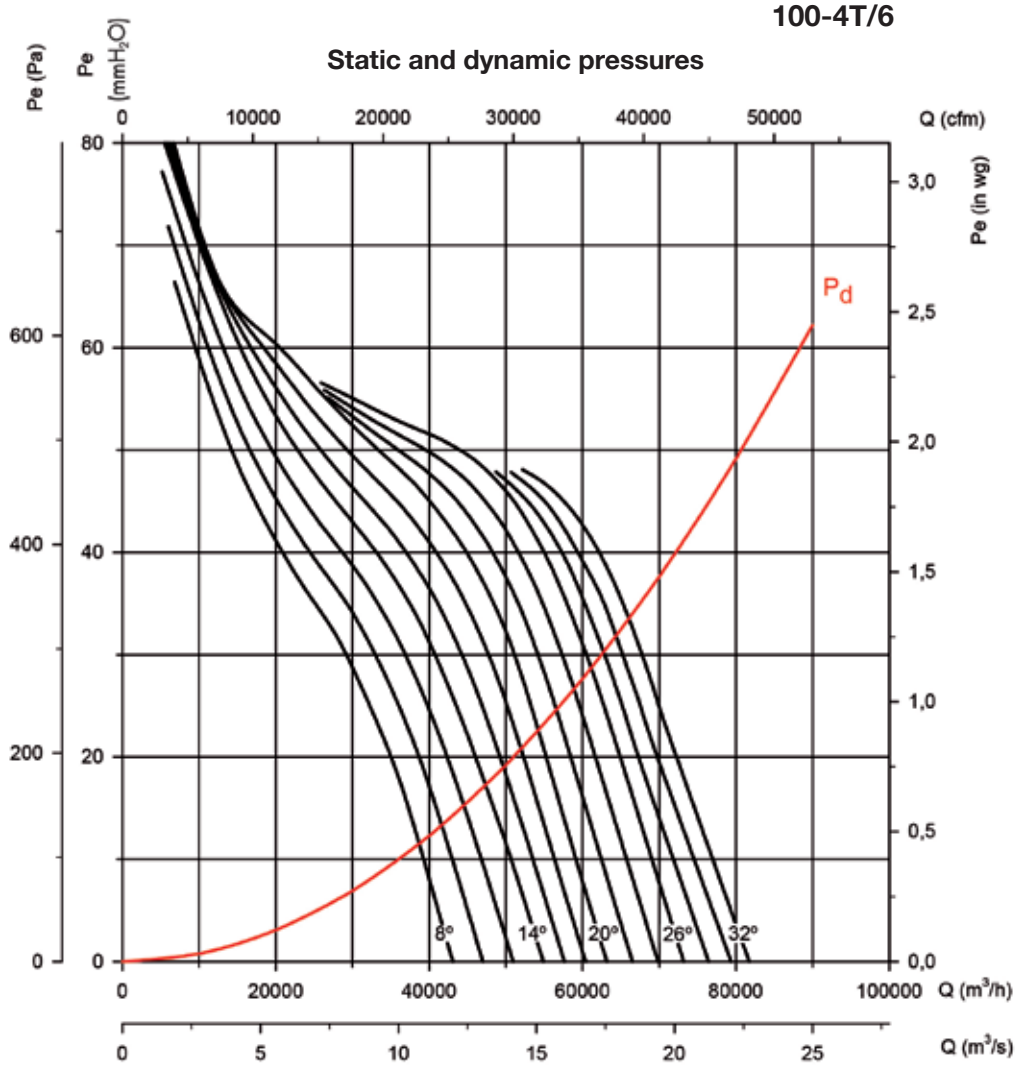
Characteristic curves

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

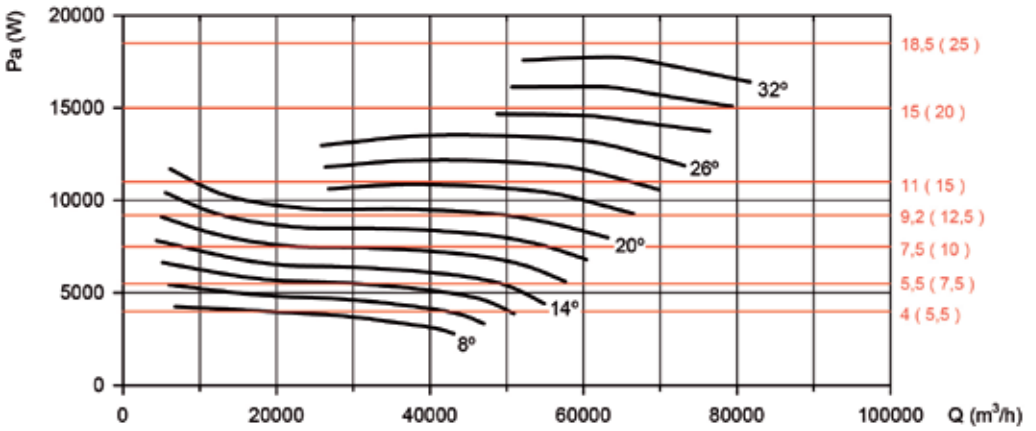
Pe= Static pressure in mm H_2O, Pa and inwg.

100-4T/6

Static and dynamic pressures



Absorbed power

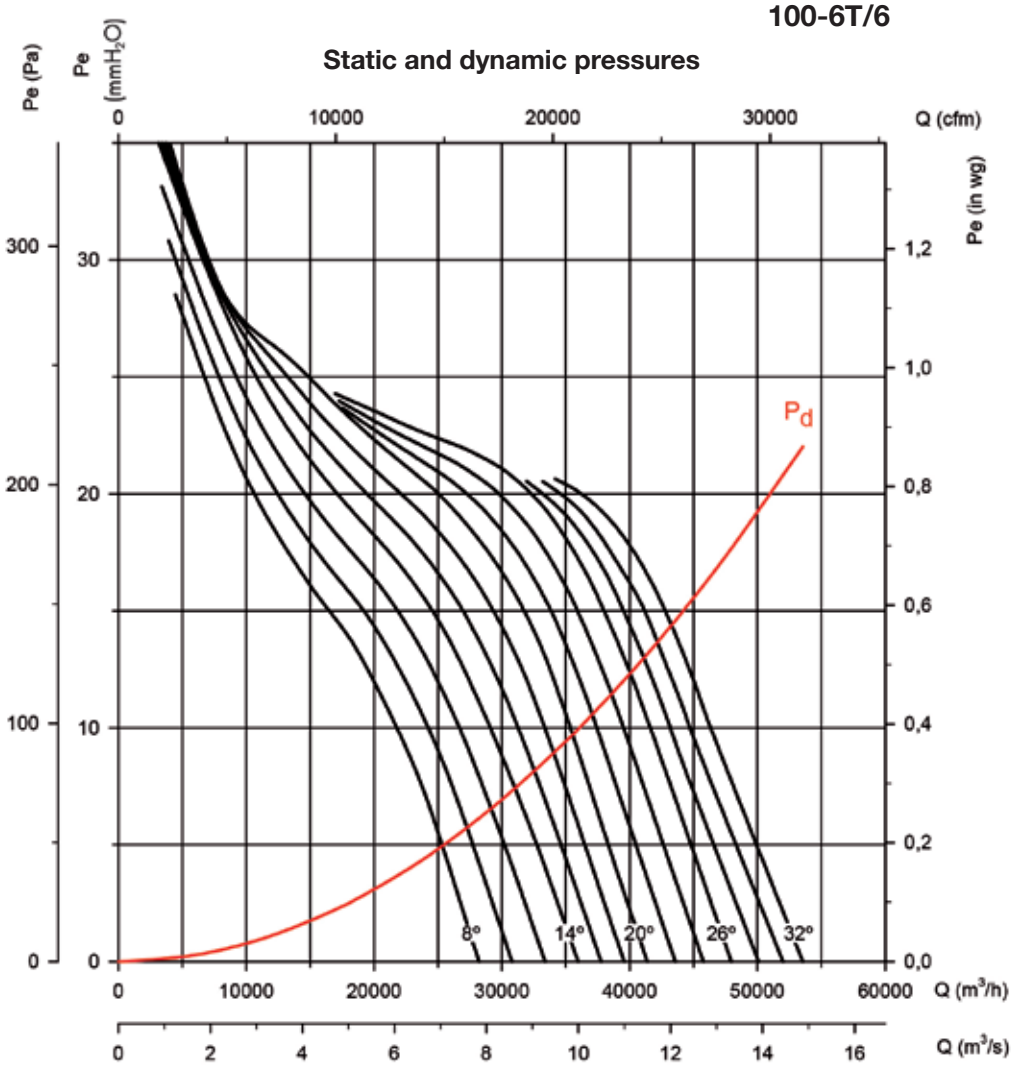


Characteristic curves

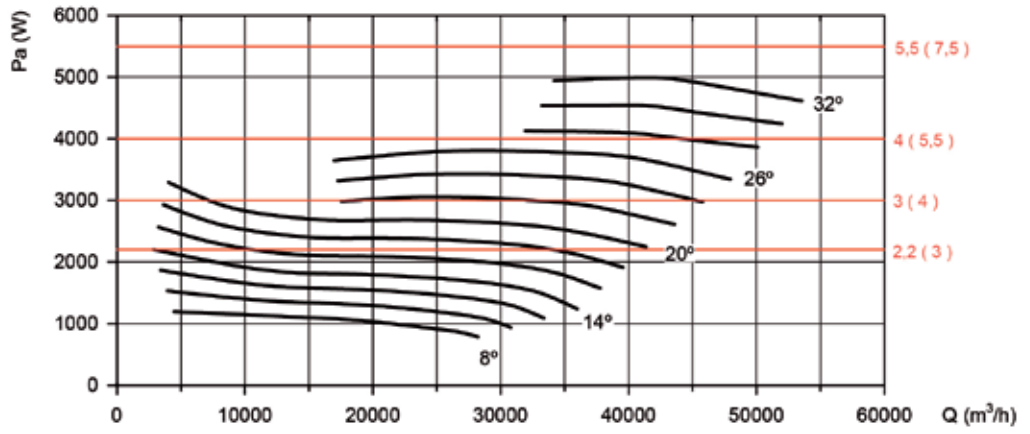
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

100-6T/6

Static and dynamic pressures



Absorbed power

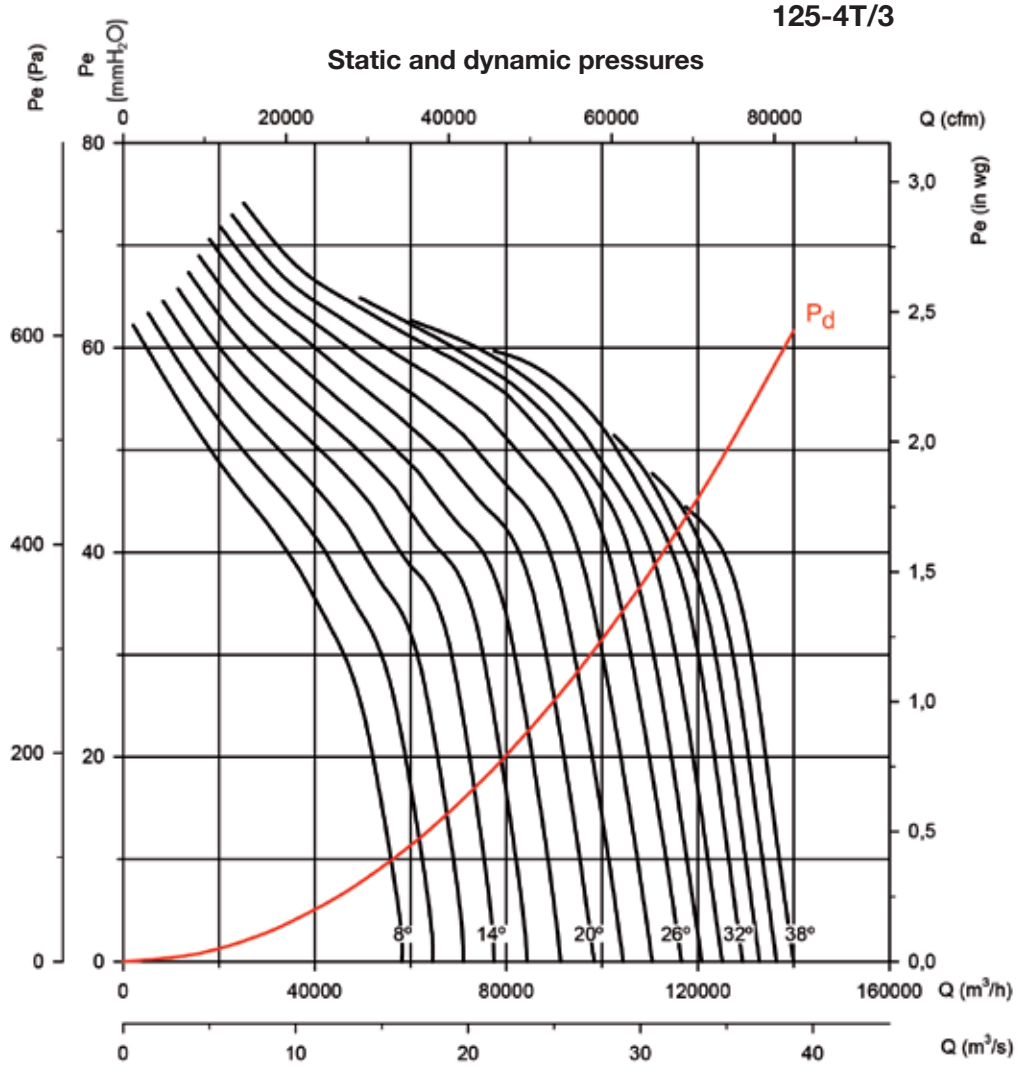


Characteristic curves

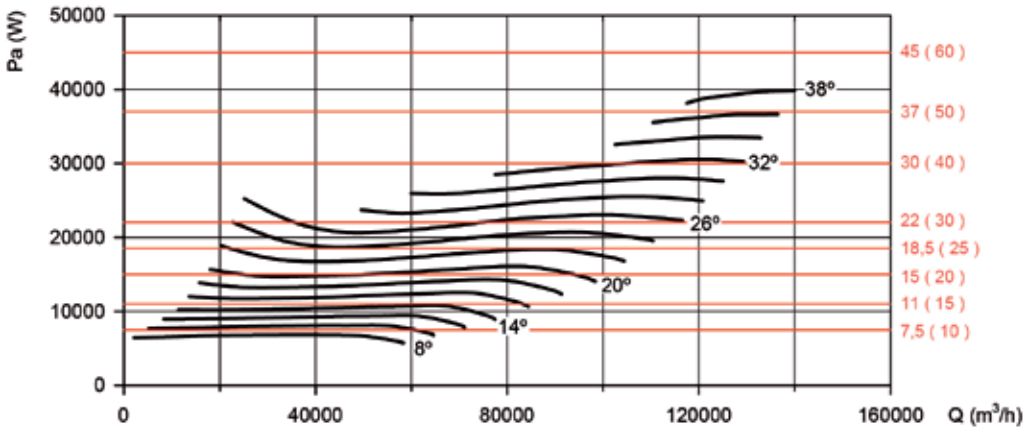
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

125-4T/3

Static and dynamic pressures



Absorbed power

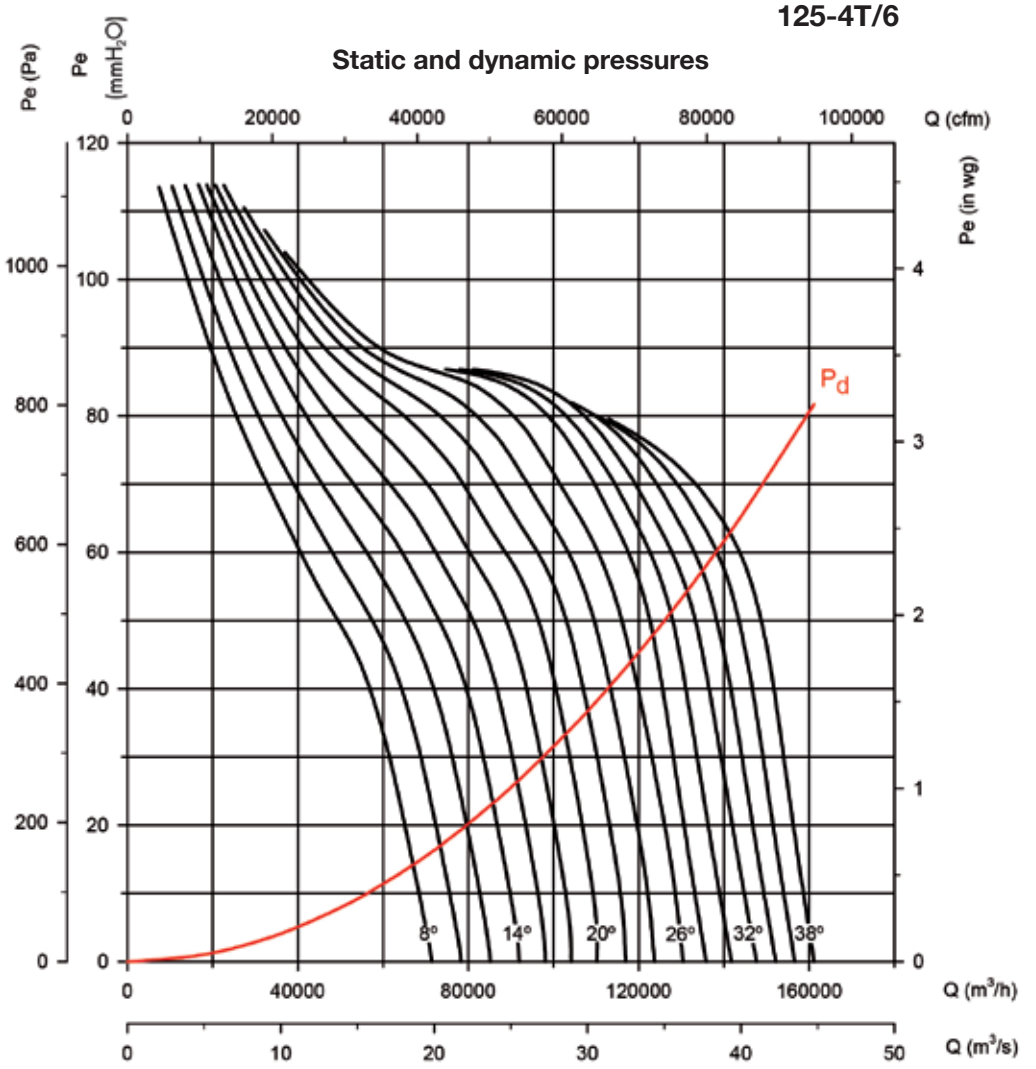


Characteristic curves

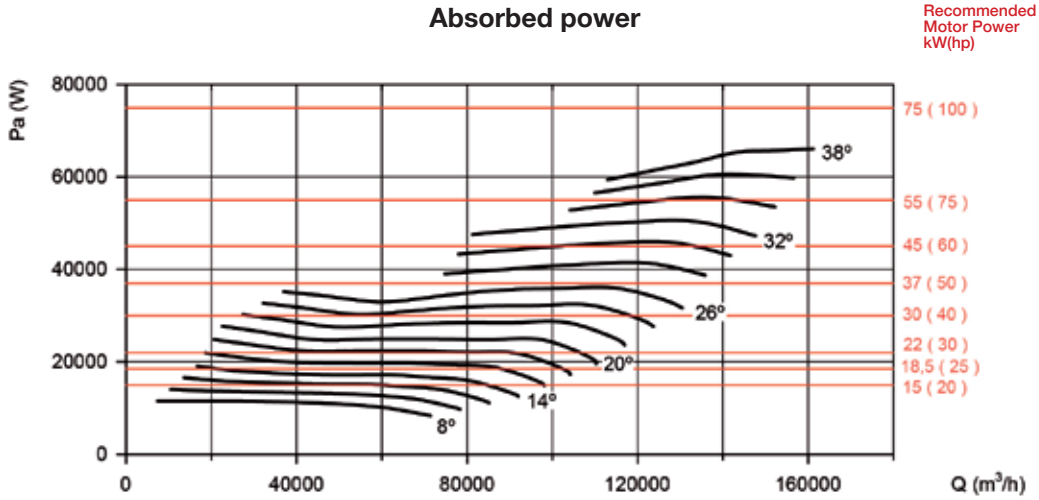
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

125-4T/6

Static and dynamic pressures



Absorbed power



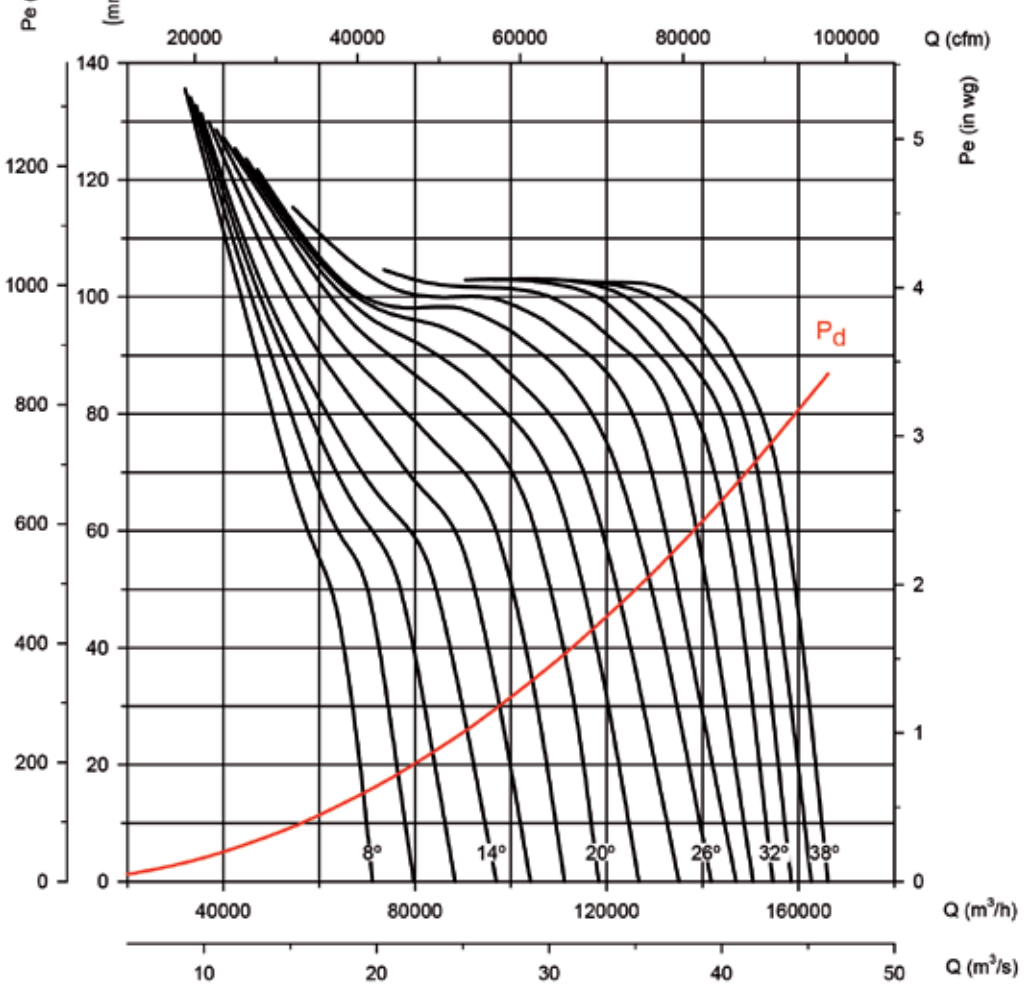
Characteristic curves

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

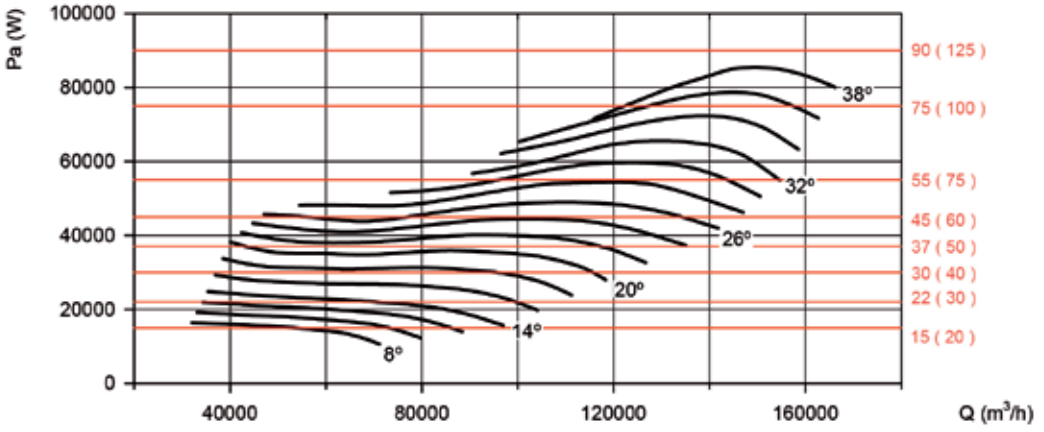
Pe= Static pressure in mm H_2O, Pa and inwg.

125-4T/9

Static and dynamic pressures



Absorbed power

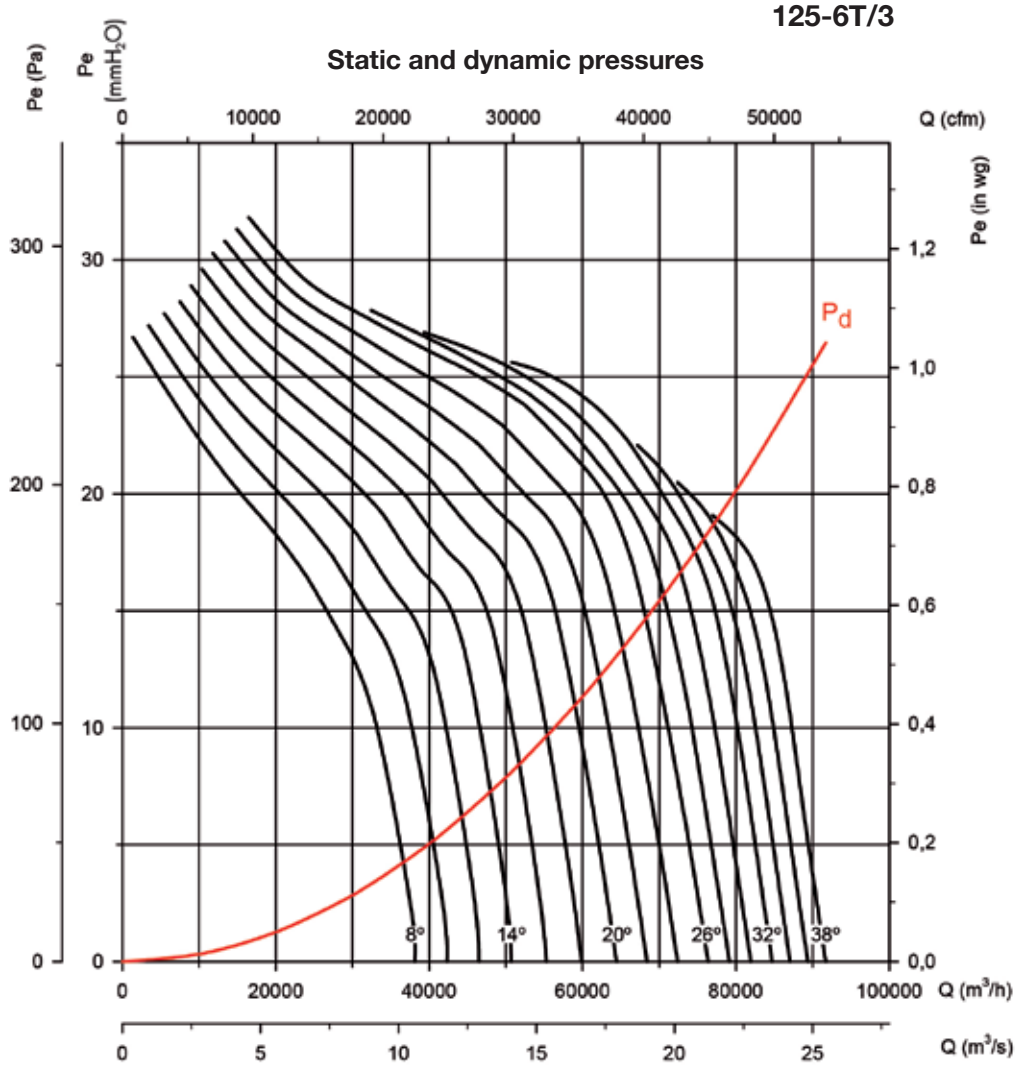


Characteristic curves

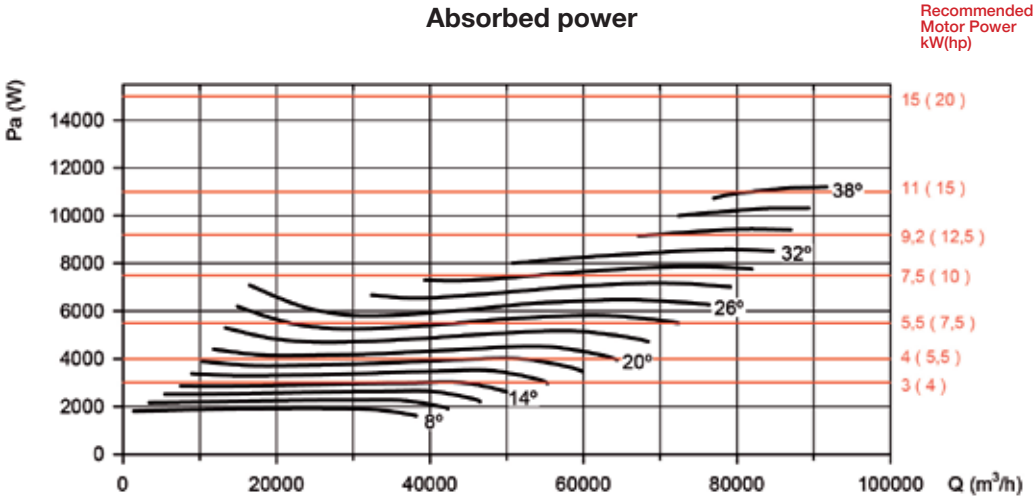
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

125-6T/3

Static and dynamic pressures



Absorbed power

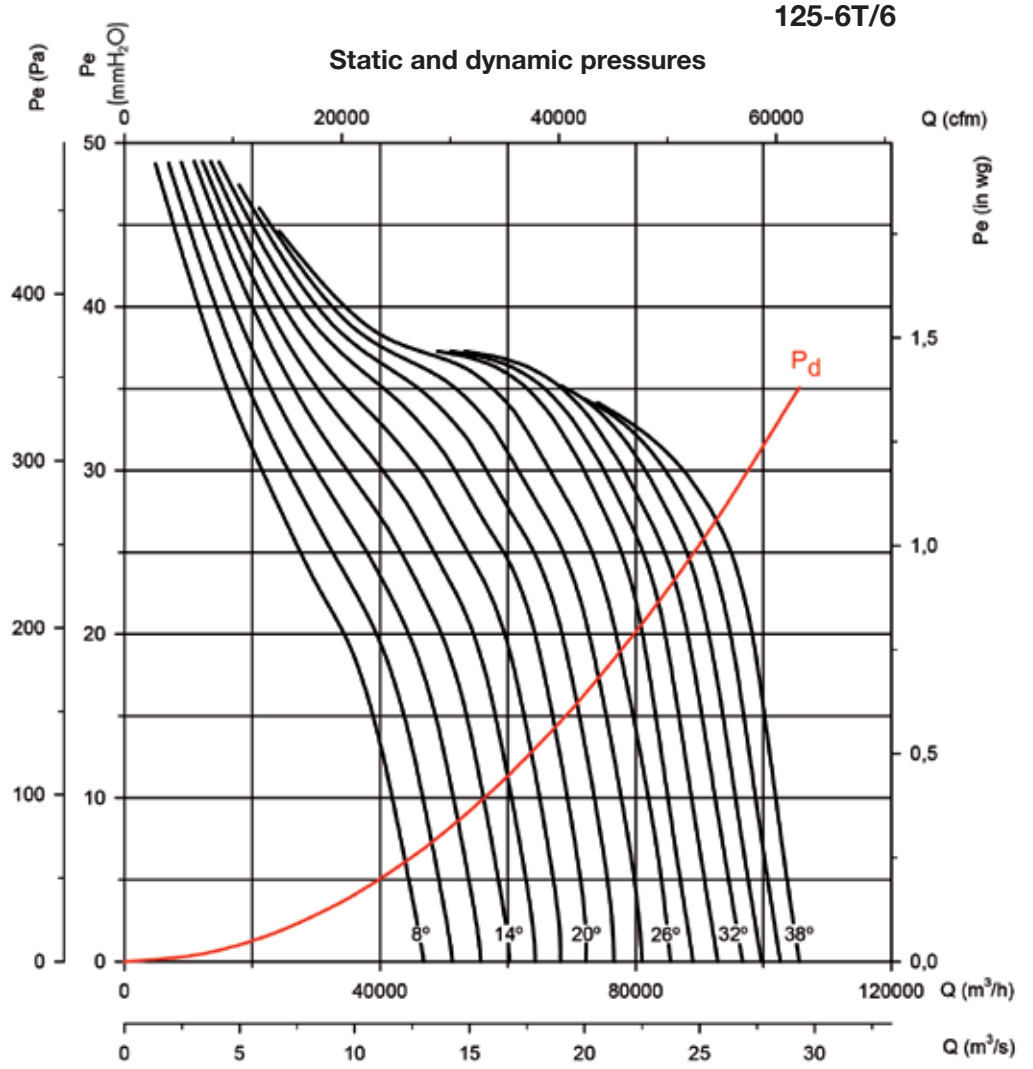


Characteristic curves

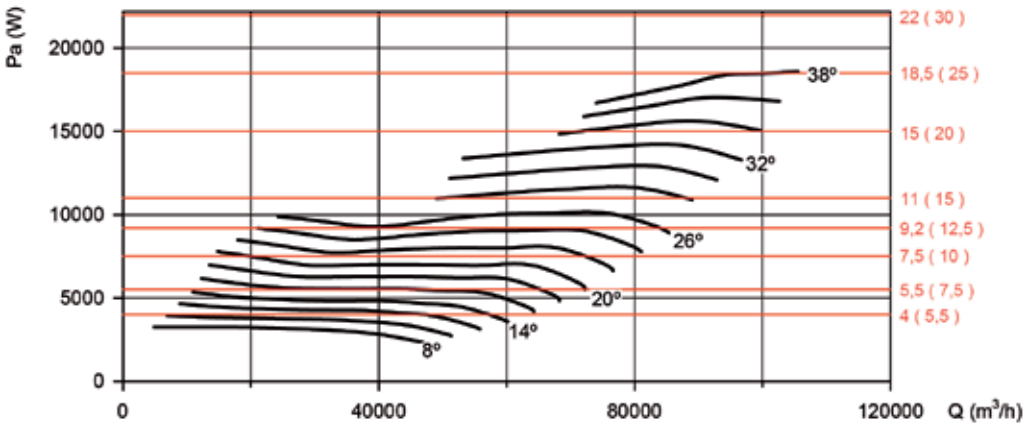
Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

125-6T/6

Static and dynamic pressures



Absorbed power

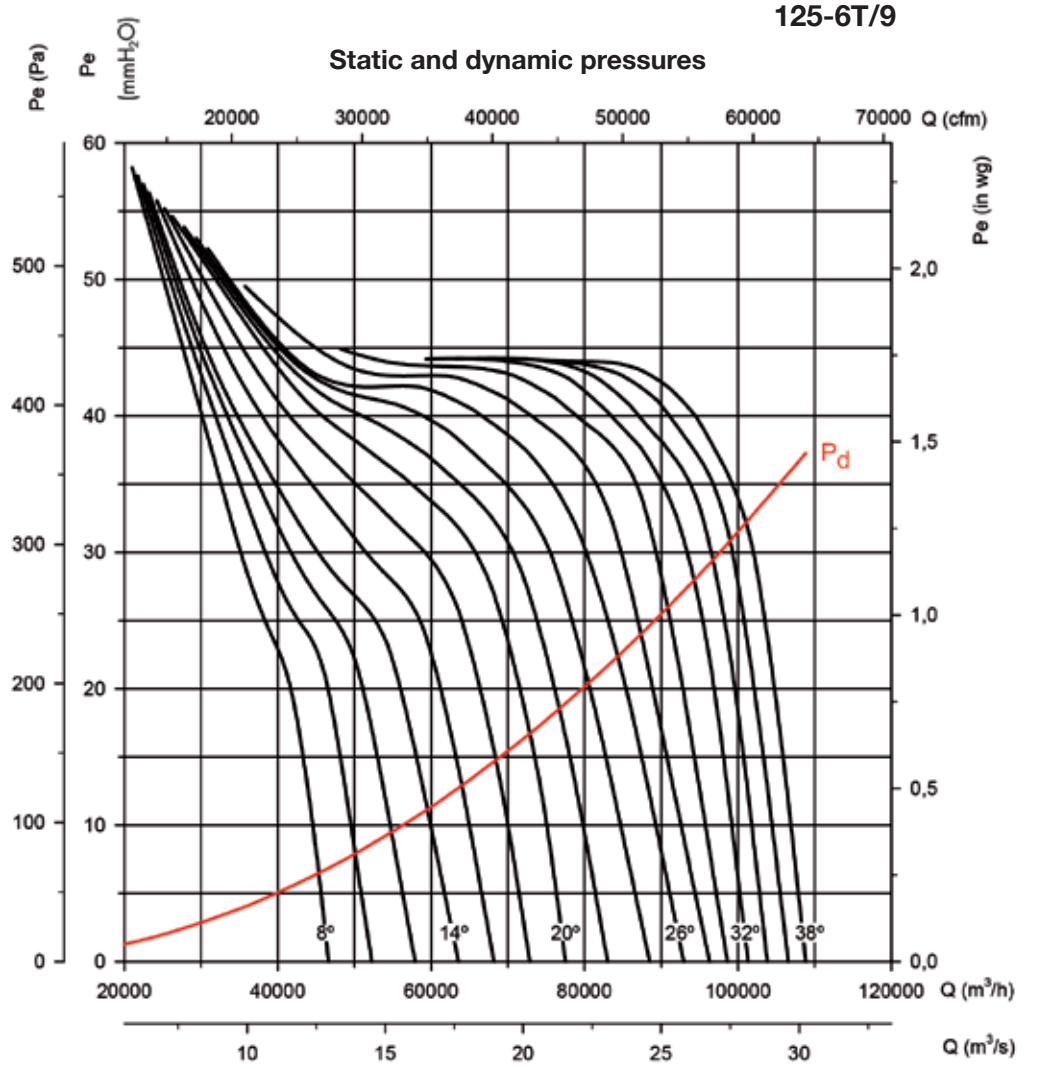


Characteristic curves

Q= Flow rate in m^3/h, m^3/s and cfm. Pe= Static pressure in mm H_2O, Pa and inwg.

125-6T/9

Static and dynamic pressures



Absorbed power