



Constructive configuration
models from 400 to 800



Constructive configuration
models from 900 to 1250

Range of adjustable pitch aerofoil blade, axial flow cabinet fans. Fan casing manufactured from heavy gauge galvanised sheet steel internally lined with 25 mm thickness fireproof fibreglass acoustic insulation (M0). All models incorporate separate high grade diecast aluminium blades locked within a pressed sheet steel hub.

Motors

Available, depending upon the model:

- with three phase motors in 4 or 6 poles.
- with three phase two speed motors 4/8 or 6/12 poles.

All the motors are IP55, Class F insulation.

Electrical supplies:

Three phase 230/400V-50Hz up to 3kW.

Three phase 400V-50Hz, for higher power motors and two speed motors.

[See characteristics chart].

Additional information

Standard air direction: form (A) configuration (Motor over Impeller).

On request

Air direction: form (B) configuration (Impeller over Motor).

Single phase motors 230-50Hz up to 2,2kW. Motors with PTC.

ATEX versions

On request, explosion proof versions in accordance to ATEX Directive for three phase models:

- Increased safety ⚡ II2G EExelIT3.
- Flame proof
 - ⚡ II2G EExdIIBT5 or ⚡ EExdIICT4.
 - ⚡ II3D Ex tD 125°C or 135°C.
- The consumption data (A, W) of ATEX products may vary from the data shown in technical characteristic charts.

Specific applications



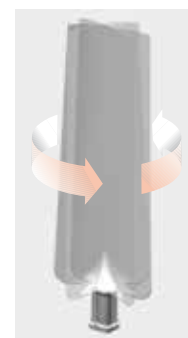
Versions

To check the curves from CGT ATEX product range, please refer to CHGT performance curves.

Highly versatile range due to different number of available blades and adjustable pitch angles



Impellers with 3, 6 or 9 blades with adjustable pitch angles, allowing the most optimum selection to achieve with every kind of installation requirements.



Pitch angle



Corrosion resistance

Casings manufactured from galvanized sheet steel. Design enables the casing side panels to be removed and the motor/impeller assembly accessed.



Easy to install

Robust base supports facilitate the installation. (Models from 900 to 1250).



Impeller dynamically balanced

Impeller dynamically balanced, according to ISO 1940 standard, providing vibration free operation.



Wide blade design: higher pressure

Wide blade design to ensure the highest efficient airflow performances.

Configuration 1: models from 400 to 800-6.

Configuration 2: models from 800-9 to 1250.



REFERENCE

C	H	G	T	/	6	-	1	0	0	0	-	6	/	8	/	A	-	1,5	kW
1					2		3					4		5		6		7	

1 - : Product range.

2 - : Number of poles.

3 - : Diameters.

4 - : Number of blades.

5 - : Blade pitch angle.

6 - : Airflow direction.

7 - : Motor Power.

MOTOR POWERS (kW) FOR CGT PRODUCT RANGE

1 SPEED	2 POLES	2850 RPM						1,1	1,5	2,2	3									
	4 POLES	1450 RPM	0,25	0,37	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22	30	37	45
	6 POLES	950 RPM		0,37	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22			
	8 POLES	730 RPM	Check available motors																	
2 SPEED	2/4 POLES				1,1/0,25	1,5/0,35	2,2/0,6	3/0,8												
	4/8 POLES	0,37/0,09	0,55/0,13	0,75/0,12	1,1/0,26	1,7/0,35	2,3/0,5	3/0,65	4/0,75		6,8/1,4	8,4/2,05	10,5/2,2	15,5/2,7		22/4,4	33/8	42/10	50/11	
	6/12 POLES		0,4/0,08	0,75/0,12	1,1/0,18	1,5/0,25	2,2/0,37	3/0,55	4/0,65	5,5/1	7,5/1,3		11/1,8	15/2,5	18,5/3	25/4,5				

* Note: For 2 speed motors, the powers may have small variations depending on the motor manufacturer.

CGT 1 SPEED MODELS

TECHNICAL CHARACTERISTICS - 2 poles - 2950 rpm

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/2-400-6/-1,1	1,1	4,1	2,3	46
CGT/2-400-6/-1,5	1,5	5,5	3,1	53
CGT/2-400-6/-2,2	2,2	8,0	4,6	55

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/2-450-6/-2,2	2,2	8,0	4,6	57
CGT/2-450-6/-3	3	10,3	5,9	61

TECHNICAL CHARACTERISTICS - 4 poles - 1450 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/4-400-6/-0,25	0,25	1,4	0,8	42
CGT/4-450-6/-0,37	0,37	1,8	1,1	44
CGT/4-450-6/-0,55	0,55	2,2	1,3	47
CGT/4-500-6/-0,55	0,55	2,2	1,3	51
CGT/4-500-6/-0,75	0,75	2,8	1,6	52
CGT/4-500-6/-1,1	1,1	4,2	2,4	59
CGT/4-560-6/-0,55	0,55	2,2	1,3	56
CGT/4-560-6/-0,75	0,75	2,8	1,6	57
CGT/4-560-6/-1,1	1,1	4,2	2,4	64
CGT/4-560-6/-1,5	1,5	5,7	3,3	67
CGT/4-560-6/-2,2	2,2	8,1	4,6	69
CGT/4-630-6/-0,75	0,75	2,8	1,6	66
CGT/4-630-6/-1,1	1,1	4,2	2,4	73
CGT/4-630-6/-1,5	1,5	5,7	3,3	76
CGT/4-630-6/-2,2	2,2	8,1	4,6	78
CGT/4-630-6/-3	3	10,7	6,2	82
CGT/4-710-3/-0,75	0,75	2,8	1,6	93
CGT/4-710-3/-1,1	1,1	4,2	2,4	94
CGT/4-710-3/-1,5	1,5	5,7	3,3	97
CGT/4-710-3/-2,2	2,2	8,1	4,6	102
CGT/4-710-3/-3	3	10,7	6,2	105
CGT/4-710-6/-1,1	1,1	4,2	2,4	97
CGT/4-710-6/-1,5	1,5	5,7	3,3	100
CGT/4-710-6/-2,2	2,2	8,1	4,6	105
CGT/4-710-6/-3	3	10,7	6,2	108
CGT/4-710-6/-4	4	-	8,1	111
CGT/4-800-3/-1,1	1,1	4,2	2,4	101
CGT/4-800-3/-1,5	1,5	5,7	3,3	104
CGT/4-800-3/-2,2	2,2	8,1	4,6	109
CGT/4-800-3/-3	3	10,7	6,2	112
CGT/4-800-3/-4	4	-	8,1	115
CGT/4-800-3/-5,5	5,5	-	10,5	128
CGT/4-800-6/-1,5	1,5	5,7	3,3	107
CGT/4-800-6/-2,2	2,2	8,1	4,6	112
CGT/4-800-6/-3	3	10,7	6,2	115
CGT/4-800-6/-4	4	-	8,1	118
CGT/4-800-6/-5,5	5,5	-	10,5	131
CGT/4-800-6/-7,5	7,5	-	14,1	139

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/4-800-9/-4	4	-	8,1	122
CGT/4-800-9/-5,5	5,5	-	10,5	135
CGT/4-800-9/-7,5	7,5	-	14,1	143
CGT/4-900-3/-2,2	2,2	8,1	4,6	151
CGT/4-900-3/-3	3	10,7	6,2	154
CGT/4-900-3/-4	4	-	8,1	157
CGT/4-900-3/-5,5	5,5	-	10,5	170
CGT/4-900-3/-7,5	7,5	-	14,1	178
CGT/4-900-6/-4	4	-	8,1	162
CGT/4-900-6/-5,5	5,5	-	10,5	175
CGT/4-900-6/-7,5	7,5	-	14,1	183
CGT/4-900-6/-11	11	-	21,2	207
CGT/4-900-6/-15	15	-	28,7	222
CGT/4-900-9/-5,5	5,5	-	10,5	179
CGT/4-900-9/-7,5	7,5	-	14,1	187
CGT/4-900-9/-11	11	-	21,2	211
CGT/4-900-9/-15	15	-	28,7	226
CGT/4-1000-3/-3	3	10,7	6,2	152
CGT/4-1000-3/-4	4	-	8,1	155
CGT/4-1000-3/-5,5	5,5	-	10,5	168
CGT/4-1000-3/-7,5	7,5	-	14,1	176
CGT/4-1000-3/-11	11	-	21,2	200
CGT/4-1000-6/-4	4	-	8,1	160
CGT/4-1000-6/-5,5	5,5	-	10,5	173
CGT/4-1000-6/-7,5	7,5	-	14,1	181
CGT/4-1000-6/-11	11	-	21,2	205
CGT/4-1000-6/-15	15	-	28,7	220
CGT/4-1000-6/-18,5	18,5	-	35,1	267
CGT/4-1000-6/-22	22	-	40,5	282
CGT/4-1000-9/-5,5	5,5	-	10,5	178
CGT/4-1000-9/-7,5	7,5	-	14,1	186
CGT/4-1000-9/-11	11	-	21,2	210
CGT/4-1000-9/-15	15	-	28,7	225
CGT/4-1000-9/-18,5	18,5	-	35,1	272
CGT/4-1000-9/-22	22	-	40,5	287
CGT/4-1250-3/-7,5	7,5	-	14,1	332
CGT/4-1250-3/-11	11	-	21,2	356
CGT/4-1250-3/-15	15	-	28,7	371
CGT/4-1250-3/-18,5	18,5	-	35,1	418
CGT/4-1250-3/-22	22	-	40,5	433
CGT/4-1250-3/-30	30	-	56,2	476

TECHNICAL CHARACTERISTICS - 4 poles - 1450 rpm (continuation)

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/4-1250-6/-15	15	-	28,7	377
CGT/4-1250-6/-18,5	18,5	-	35,1	424
CGT/4-1250-6/-22	22	-	40,5	439
CGT/4-1250-6/-30	30	-	56,2	482
CGT/4-1250-6/-37	37	-	66,6	515
CGT/4-1250-6/-45	45	-	80,7	540

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/4-1250-9/-15	15	-	28,7	382
CGT/4-1250-9/-18,5	18,5	-	35,1	429
CGT/4-1250-9/-22	22	-	40,5	444
CGT/4-1250-9/-30	30	-	56,2	487
CGT/4-1250-9/-37	37	-	66,6	520
CGT/4-1250-9/-45	45	-	80,7	545

TECHNICAL CHARACTERISTICS - 6 poles - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/6-560-6/-0,37	0,37	1,8	1,1	53
CGT/6-560-6/-0,55	0,55	2,6	1,5	54
CGT/6-630-6/-0,37	0,37	1,8	1,1	62
CGT/6-630-6/-0,55	0,55	2,6	1,5	63
CGT/6-630-6/-0,75	0,75	3,4	2,0	66
CGT/6-630-6/-1,1	1,1	4,8	2,8	69
CGT/6-710-3/-0,55	0,55	2,6	1,5	93
CGT/6-710-3/-0,75	0,75	3,4	2,0	96
CGT/6-710-6/-0,55	0,55	2,6	1,5	97
CGT/6-710-6/-0,75	0,75	3,4	2,0	100
CGT/6-710-6/-1,1	1,1	4,8	2,8	103
CGT/6-800-3/-0,55	0,55	2,6	1,5	98
CGT/6-800-3/-0,75	0,75	3,4	2,0	101
CGT/6-800-3/-1,1	1,1	4,8	2,8	104
CGT/6-800-3/-1,5	1,5	6,5	3,7	111
CGT/6-800-6/-0,55	0,55	2,6	1,5	101
CGT/6-800-6/-0,75	0,75	3,4	2,0	104
CGT/6-800-6/-1,1	1,1	4,8	2,8	107
CGT/6-800-6/-1,5	1,5	6,5	3,7	114
CGT/6-800-6/-2,2	2,2	9,2	5,3	118
CGT/6-800-9/-1,1	1,1	4,8	2,8	111
CGT/6-800-9/-1,5	1,5	6,5	3,7	118
CGT/6-800-9/-2,2	2,2	9,2	5,3	122
CGT/6-800-9/-3	3	12,7	7,3	134
CGT/6-900-3/-1,5	1,5	6,5	3,7	153
CGT/6-900-3/-2,2	2,2	9,2	5,3	157
CGT/6-900-6/-1,5	1,5	6,5	3,7	158
CGT/6-900-6/-2,2	2,2	9,2	5,3	162
CGT/6-900-6/-3	3	12,7	7,3	174
CGT/6-900-6/-4	4	-	9,5	181
CGT/6-900-9/-1,5	1,5	6,5	3,7	162
CGT/6-900-9/-2,2	2,2	9,2	5,3	166
CGT/6-900-9/-3	3	12,7	7,3	178
CGT/6-900-9/-5,5	5,5	-	12,8	181

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230 V	400 V	
CGT/6-1000-3/-1,5	1,5	6,5	3,7	151
CGT/6-1000-3/-2,2	2,2	9,2	5,3	155
CGT/6-1000-3/-3	3	12,7	7,3	167
CGT/6-1000-3/-4	4	-	9,5	174
CGT/6-1000-6/-1,5	1,5	6,5	3,7	156
CGT/6-1000-6/-2,2	2,2	9,2	5,3	160
CGT/6-1000-6/-3	3	12,7	7,3	172
CGT/6-1000-6/-4	4	-	9,5	179
CGT/6-1000-6/-5,5	5,5	-	12,8	187
CGT/6-1000-6/-7,5	7,5	-	15,0	210
CGT/6-1000-9/-2,2	2,2	9,2	5,3	165
CGT/6-1000-9/-3	3	12,7	7,3	177
CGT/6-1000-9/-4	4	-	9,5	184
CGT/6-1000-9/-5,5	5,5	-	12,8	192
CGT/6-1000-9/-7,5	7,5	-	15,0	215
CGT/6-1250-3/-2,2	2,2	9,2	5,3	308
CGT/6-1250-3/-3	3	12,7	7,3	323
CGT/6-1250-3/-4	4	-	9,5	330
CGT/6-1250-3/-5,5	5,5	-	12,8	338
CGT/6-1250-3/-7,5	7,5	-	15,0	361
CGT/6-1250-3/-11	11	-	22,0	393
CGT/6-1250-6/-4	4	-	9,5	336
CGT/6-1250-6/-5,5	5,5	-	12,8	344
CGT/6-1250-6/-7,5	7,5	-	15,0	367
CGT/6-1250-6/-11	11	-	22,0	399
CGT/6-1250-6/-15	15	-	27,9	439
CGT/6-1250-9/-5,5	5,5	-	12,8	349
CGT/6-1250-9/-7,5	7,5	-	15,0	372
CGT/6-1250-9/-11	11	-	22,0	404
CGT/6-1250-9/-15	15	-	27,9	444
CGT/6-1250-9/-18,5	18,5	-	35,7	487
CGT/6-1250-9/-22	22	-	42,3	497

CGT 2 SPEED MODELS

TECHNICAL CHARACTERISTICS - 2/4 poles - 2950/1450 rpm

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/2/4-400-6/-1,1/0,25	1,1	0,25	2,5	0,7	46
CGT/2/4-400-6/-1,5/0,35	1,5	0,35	3,8	0,9	53
CGT/2/4-400-6/-2,2/0,6	2,2	0,6	4,8	1,5	55

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/2/4-450-6/-2,2/0,6	2,2	0,6	4,8	1,5	57
CGT/2/4-450-6/-3/0,8	3	0,8	6,6	1,7	62

TECHNICAL CHARACTERISTICS - 4/8 poles - 1450/730 rpm

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/4/8-400-6/-0,25/0,06	0,25	0,06	0,8	0,4	42
CGT/4/8-450-6/-0,37/0,09	0,37	0,09	1,1	1,2	44
CGT/4/8-450-6/-0,55/0,13	0,55	0,13	1,8	0,7	47
CGT/4/8-500-6/-0,55/0,13	0,55	0,13	1,8	0,7	51
CGT/4/8-500-6/-0,75/0,12	0,75	0,12	2,3	0,9	52
CGT/4/8-500-6/-1,1/0,26	1,1	0,26	2,8	1,2	59
CGT/4/8-560-6/-0,55/0,13	0,55	0,13	1,8	0,7	56
CGT/4/8-560-6/-0,75/0,12	0,75	0,12	2,3	0,9	57
CGT/4/8-560-6/-1,1/0,26	1,1	0,26	2,8	1,2	64
CGT/4/8-560-6/-1,7/0,35	1,7	0,35	4,0	1,6	67
CGT/4/8-560-6/-2,3/0,5	2,3	0,5	5,2	1,9	69
CGT/4/8-630-6/-0,75/0,12	0,75	0,12	2,3	0,9	66
CGT/4/8-630-6/-1,1/0,26	1,1	0,26	2,8	1,2	73
CGT/4/8-630-6/-1,7/0,35	1,7	0,35	4,0	1,6	76
CGT/4/8-630-6/-2,3/0,5	2,3	0,5	5,2	1,9	78
CGT/4/8-630-6/-3/0,65	3	0,65	6,8	2,5	82
CGT/4/8-710-3/-0,75/0,12	0,75	0,12	2,3	0,9	93
CGT/4/8-710-3/-1,1/0,26	1,1	0,26	2,8	1,2	94
CGT/4/8-710-3/-1,7/0,35	1,7	0,35	4,0	1,6	97
CGT/4/8-710-3/-2,3/0,5	2,3	0,5	5,2	1,9	103
CGT/4/8-710-3/-3/0,65	3	0,65	6,8	2,5	115
CGT/4/8-710-6/-1,1/0,26	1,1	0,26	2,8	1,2	98
CGT/4/8-710-6/-1,7/0,35	1,7	0,35	4,0	1,6	101
CGT/4/8-710-6/-2,3/0,5	2,3	0,5	5,2	1,9	105
CGT/4/8-710-6/-3/0,65	3	0,65	6,8	2,5	118
CGT/4/8-710-6/-4/0,75	4	0,75	8,7	3,5	133
CGT/4/8-800-3/-1,1/0,26	1,1	0,26	2,8	1,2	101
CGT/4/8-800-3/-1,7/0,35	1,7	0,35	4,0	1,6	104
CGT/4/8-800-3/-2,3/0,5	2,3	0,5	5,2	1,9	109
CGT/4/8-800-3/-3/0,65	3	0,65	6,8	2,5	114
CGT/4/8-800-3/-4/0,75	4	0,75	8,7	3,5	120
CGT/4/8-800-3/-6,8/1,4	6,8	1,4	13,7	5,1	136
CGT/4/8-800-6/-1,7/0,35	1,7	0,35	4,0	1,6	107
CGT/4/8-800-6/-2,3/0,5	2,3	0,5	5,2	1,9	112
CGT/4/8-800-6/-3/0,65	3	0,65	6,8	2,5	117
CGT/4/8-800-6/-4/0,75	4	0,75	8,7	3,5	123
CGT/4/8-800-6/-6,8/1,4	6,8	1,4	13,7	5,1	139

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/4/8-800-6/-8,4/2,05	8,4	2,05	16,6	6,2	150
CGT/4/8-800-9/-4/0,75	4	0,75	8,7	3,5	122
CGT/4/8-800-9/-6,8/1,4	6,8	1,4	13,7	5,1	154
CGT/4/8-800-9/-8,4/2,05	8,4	2,05	16,6	6,2	143
CGT/4/8-900-3/-2,3/0,5	2,3	0,5	5,2	1,9	151
CGT/4/8-900-3/-3/0,65	3	0,65	6,8	2,5	154
CGT/4/8-900-3/-4/0,75	4	0,75	8,7	3,5	157
CGT/4/8-900-3/-6,8/1,4	6,8	1,4	13,7	5,1	170
CGT/4/8-900-3/-8,4/2,05	8,4	2,05	16,6	6,2	178
CGT/4/8-900-6/-4/0,75	4	0,75	8,7	3,5	162
CGT/4/8-900-6/-6,8/1,4	6,8	1,4	13,7	5,1	175
CGT/4/8-900-6/-8,4/2,05	8,4	2,05	16,6	6,2	183
CGT/4/8-900-6/-10,5/2,2	10,5	2,2	21,0	7,4	207
CGT/4/8-900-6/-15,5/2,7	15,5	2,7	30,0	9,5	222
CGT/4/8-900-9/-6,8/1,4	6,8	1,4	13,7	5,1	179
CGT/4/8-900-9/-8,4/2,05	8,4	2,05	16,6	6,2	187
CGT/4/8-900-9/-10,5/2,2	10,5	2,2	21,0	7,4	211
CGT/4/8-900-9/-15,5/2,7	15,5	2,7	30,0	9,5	226
CGT/4/8-1000-3/-3/0,65	3	0,65	6,8	2,5	152
CGT/4/8-1000-3/-4/0,75	4	0,75	8,7	3,5	155
CGT/4/8-1000-3/-6,8/1,4	6,8	1,4	13,7	5,1	168
CGT/4/8-1000-3/-8,4/2,05	8,4	2,05	16,6	6,2	176
CGT/4/8-1000-3/-10,5/2,2	10,5	2,2	21,0	7,4	200
CGT/4/8-1000-6/-4/0,75	4	0,75	8,7	3,5	160
CGT/4/8-1000-6/-6,8/1,4	6,8	1,4	13,7	5,1	173
CGT/4/8-1000-6/-8,4/2,05	8,4	2,05	16,6	6,2	181
CGT/4/8-1000-6/-10,5/2,2	10,5	2,2	21,0	7,4	205
CGT/4/8-1000-6/-15,5/2,7	15,5	2,7	30,0	9,5	220
CGT/4/8-1000-6/-22/4,4	22	4,4	43,0	15,0	282
CGT/4/8-1000-9/-6,8/1,4	6,8	1,4	13,7	5,1	178
CGT/4/8-1000-9/-8,4/2,05	8,4	2,05	16,6	6,2	186
CGT/4/8-1000-9/-10,5/2,2	10,5	2,2	21,0	7,4	210
CGT/4/8-1000-9/-15,5/2,7	15,5	2,7	30,0	9,5	225
CGT/4/8-1000-9/-22/4,4	22	4,4	43,0	15,0	287
CGT/4/8-1250-3/-8,4/2,05	8,4	2,05	16,6	6,2	332
CGT/4/8-1250-3/-10,5/2,2	10,5	2,2	21,0	7,4	356
CGT/4/8-1250-3/-15,5/2,7	15,5	2,7	30,0	9,5	371
CGT/4/8-1250-3/-22/4,4	22	4,4	43,0	15,0	433

TECHNICAL CHARACTERISTICS - 4/8 poles - 1450/730 rpm (continuation)

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/4/8-1250-3/-33/8	33	8	61,0	21,0	476

CGT/4/8-1250-6/-15,5/2,7	15,5	2,7	30,0	9,5	377
CGT/4/8-1250-6/-22/4,4	22	4,4	43,0	15,0	439
CGT/4/8-1250-6/-33/8	33	8	61,0	21,0	482
CGT/4/8-1250-6/-42/10	42	10	85,0	27,0	515

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	
CGT/4/8-1250-6/-50/11	50	11	91,0	28,0	540

CGT/4/8-1250-9/-15,5/2,7	15,5	2,7	30,0	9,5	382
CGT/4/8-1250-9/-22/4,4	22	4,4	43,0	15,0	444
CGT/4/8-1250-9/-33/8	33	8	61,0	21,0	487
CGT/4/8-1250-9/-42/10	42	10	85,0	27,0	520
CGT/4/8-1250-9/-50/11	50	11	91,0	28,0	545

TECHNICAL CHARACTERISTICS - 6/12 poles - 950/475 rpm

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	

CGT/6/12-560-6/-0,4/0,08	0,4	0,08	1,2	0,7	53
CGT/6/12-560-6/-0,75/0,12	0,75	0,12	2,4	0,9	54

CGT/6/12-630-6/-0,4/0,08	0,4	0,08	1,2	0,7	62
CGT/6/12-630-6/-0,75/0,12	0,75	0,12	2,4	0,9	66
CGT/6/12-630-6/-1,1/0,18	1,1	0,18	3,2	1,2	69

CGT/6/12-710-3/-0,75/0,12	0,75	0,12	2,4	0,9	96
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CGT/6/12-710-6/-0,75/0,12	0,75	0,12	2,4	0,9	100
CGT/6/12-710-6/-1,1/0,18	1,1	0,18	3,2	1,2	103

CGT/6/12-800-3/-0,75/0,12	0,75	0,12	2,4	0,9	101
CGT/6/12-800-3/-1,1/0,18	1,1	0,18	3,2	1,2	104
CGT/6/12-800-3/-1,5/0,25	1,5	0,25	4,0	1,5	111

CGT/6/12-800-6/-0,75/0,12	0,75	0,12	2,4	0,9	104
CGT/6/12-800-6/-1,1/0,18	1,1	0,18	3,2	1,2	107
CGT/6/12-800-6/-1,5/0,25	1,5	0,25	4,0	1,5	114
CGT/6/12-800-6/-2,2/0,37	2,2	0,37	5,6	2,1	118

CGT/6/12-800-9/-1,1/0,18	1,1	0,18	3,2	1,2	111
CGT/6/12-800-9/-1,5/0,25	1,5	0,25	4,0	1,5	118
CGT/6/12-800-9/-2,2/0,37	2,2	0,37	5,6	2,1	122
CGT/6/12-800-9/-3/0,55	3	0,55	8,0	3,8	134

CGT/6/12-900-3/-1,5/0,25	1,5	0,25	4,0	1,5	153
CGT/6/12-900-3/-2,2/0,37	2,2	0,37	5,6	2,1	157

CGT/6/12-900-6/-1,5/0,25	1,5	0,25	4,0	1,5	158
CGT/6/12-900-6/-2,2/0,37	2,2	0,37	5,6	2,1	162
CGT/6/12-900-6/-3/0,55	3	0,55	8,0	3,8	174
CGT/6/12-900-6/-4/0,65	4	0,65	10,4	3,1	181

CGT/6/12-900-9/-1,5/0,25	1,5	0,25	4,0	1,5	162
CGT/6/12-900-9/-2,2/0,37	2,2	0,37	5,6	2,1	166
CGT/6/12-900-9/-3/0,55	3	0,55	8,0	3,8	178
CGT/6/12-900-9/-5,5/1	5,5	1	14,1	5,4	181

CGT/6/12-1000-3/-1,5/0,25	1,5	0,25	4,0	1,5	151
CGT/6/12-1000-3/-2,2/0,37	2,2	0,37	5,6	2,1	155
CGT/6/12-1000-3/-3/0,55	3	0,55	8,0	3,8	167
CGT/6/12-1000-3/-4/0,65	4	0,65	10,4	3,1	174

We reserve right to supply different motors and hence data may change.

Model	Motor power (kW)		Full load current motor (A)		Weight (kg)
	V.1	V.2	V.1	V.2	

CGT/6/12-1000-6/-1,5/0,25	1,5	0,25	4,0	1,5	156
CGT/6/12-1000-6/-2,2/0,37	2,2	0,37	5,6	2,1	160
CGT/6/12-1000-6/-3/0,55	3	0,55	8,0	3,8	172
CGT/6/12-1000-6/-4/0,65	4	0,65	10,4	3,1	179
CGT/6/12-1000-6/-5,5/1	5,5	1	14,1	5,4	187
CGT/6/12-1000-6/-7,5/1,3	7,5	1,3	17,5	5,5	210

CGT/6/12-1000-9/-2,2/0,37	2,2	0,37	5,6	2,1	165
CGT/6/12-1000-9/-3/0,55	3	0,55	8,0	3,8	177
CGT/6/12-1000-9/-4/0,65	4	0,65	10,4	3,1	184
CGT/6/12-1000-9/-5,5/1	5,5	1	14,1	5,4	192
CGT/6/12-1000-9/-7,5/1,3	7,5	1,3	17,5	5,5	215

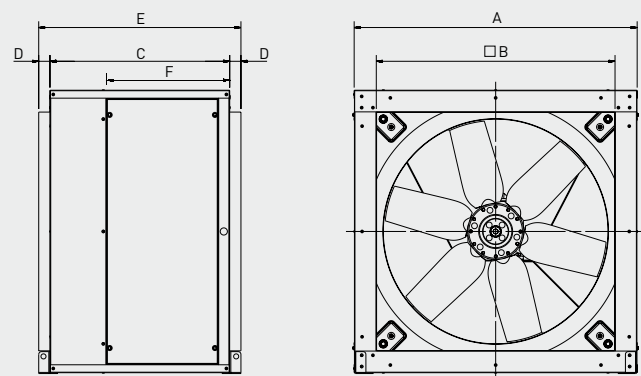
CGT/6/12-1250-3/-2,2/0,37	2,2	0,37	5,6	2,1	308
CGT/6/12-1250-3/-3/0,55	3	0,55	8,0	3,8	323
CGT/6/12-1250-3/-4/0,65	4	0,65	10,4	3,1	330
CGT/6/12-1250-3/-5,5/1	5,5	1	14,1	5,4	338
CGT/6/12-1250-3/-7,5/1,3	7,5	1,3	17,5	5,5	361
CGT/6/12-1250-3/-11/1,8	11	1,8	26,2	8,0	393

CGT/6/12-1250-6/-4/0,65	4	0,65	10,4	3,1	336
CGT/6/12-1250-6/-5,5/1	5,5	1	14,1	5,4	344
CGT/6/12-1250-6/-7,5/1,3	7,5	1,3	17,5	5,5	367
CGT/6/12-1250-6/-11/1,8	11	1,8	26,2	8,0	399
CGT/6/12-1250-6/-15/2,5	15	2,5	33,4	10,4	439

CGT/6/12-1250-9/-5,5/1	5,5	1	14,1	5,4	349
CGT/6/12-1250-9/-7,5/1,3	7,5	1,3	17,5	5,5	372
CGT/6/12-1250-9/-11/1,8	11	1,8	26,2	8,0	404
CGT/6/12-1250-9/-15/2,5	15	2,5	33,4	10,4	444
CGT/6/12-1250-9/-18,5/3	18,5	3	38,2	11,5	487
CGT/6/12-1250-9/-25/4,5	25	4,5	52,2	16,6	497

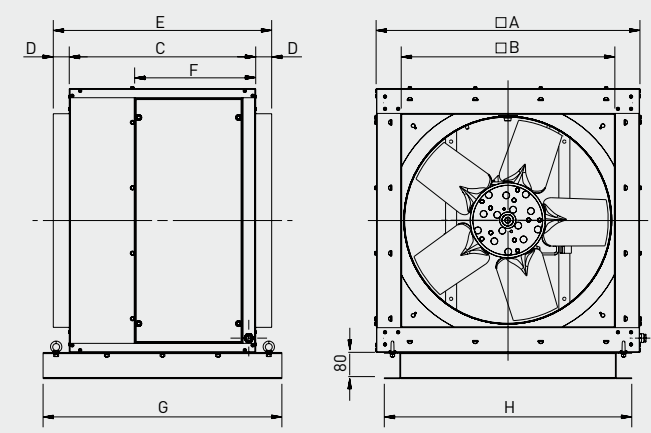
DIMENSIONS (mm)

Models 400 to 800



Model	□ A	□ B	C	D	E	F
400	509	423	440	40	520	304
450	567,6	473	483	40	563	317
500	638	523	525	40	605	331
560	718,6	583	570	40	650	370
630	808	653	570	40	650	370
710	907,6	750	640	40	720	438
800	1007,6	850	640	40	720	438

Models 900 to 1250

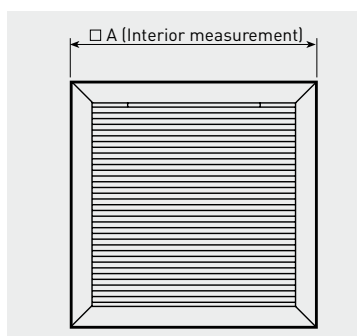


Model	□ A	□ B	C	D	E	F	G	H
900	1126,5	950	700	50	800	503	860	1076,5
1000	1256,5	1055	700	50	800	503	860	1206,5
1250	1476,5	1275	900	50	1000	310	1060	1426,5

MOUNTING ACCESSORIES



PER-CR CHGT/CGT
Aluminium and sheet steel louvre back draft shutter (without bird guard) for CGT and CHGT series.



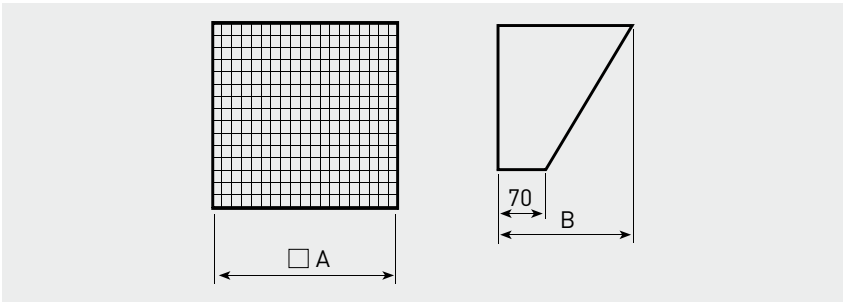
Dimensions in mm.

Model	A
PER-CR CHGT/CGT-400	428
PER-CR CHGT/CGT-450	478
PER-CR CHGT/CGT-500	528
PER-CR CHGT/CGT-560	585
PER-CR CHGT/CGT-630	655
PER-CR CHGT/CGT-710	752
PER-CR CHGT/CGT-800	852
PER-CR CHGT/CGT-900	952
PER-CR CHGT/CGT-1000	1057
PER-CR CHGT/CGT-1250	1277

MOUNTING ACCESSORIES

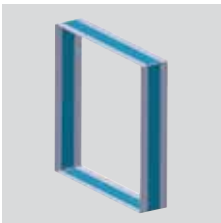


**CVD CHGT/CGT
Protection guards**
Wire protection
guards for mounting
on the inlet or
discharge sides of
the cabinets.

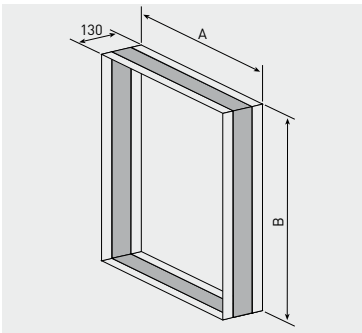


Model cabinet	Inlet and discharge		
	Protection guard model	□ A	B
CGT-400	CVD CHGT/CGT-400	424	313,5
CGT-450	CVD CHGT/CGT-450	474	341,5
CGT-500	CVD CHGT/CGT-500	524	369,5
CGT-560	CVD CHGT/CGT-560	584	403,5
CGT-630	CVD CHGT/CGT-630	654	422,5
CGT-710	CVD CHGT/CGT-710	751	503,8
CGT-800	CVD CHGT/CGT-800	851,5	560,2
CGT-900	CVD CHGT/CGT-900	951,5	616,2
CGT-1000	CVD CHGT/CGT-1000	1056,5	675
CGT-1250	CVD CHGT/CGT-1250	1276,5	798,3

Dimensions in mm.



**ACOP RECT CHGT/
CGT F400**
Rectangular flexible
connector.



Dimensions in mm.

Model cabinet	A	B
ACOP RECT CHGT/CGT 400 F400	424	424
ACOP RECT CHGT/CGT 450 F400	474	474
ACOP RECT CHGT/CGT 500 F400	524	524
ACOP RECT CHGT/CGT 560 F400	584	584
ACOP RECT CHGT/CGT 630 F400	654	654
ACOP RECT CHGT/CGT 710 F400	751	751
ACOP RECT CHGT/CGT 800 F400	851	851
ACOP RECT CHGT/CGT 900 F400	951	951
ACOP RECT CHGT/CGT 1000 F400	1056	1056
ACOP RECT CHGT/CGT 1250 F400	1276	1276

EXAMPLE OF SELECTING CGT FANS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

CGT

Number of poles	4
Nominal diameter (mm)	1000
Number of blades	3

CGT/4-1000-3/_°- kW

Hz	A	B	C
63	22	20	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_pA , SUBTRACT REDUCTION DUE TO DISTANCE.

Working point:

Airflow.....: $40,000 m^3/h = 11,1 m^3/s$
Pressure drop.....: $220 Pa$

We are at the airflow axis (horizontal axis) at $40,000 m^3/h$. (Airflow = $11,1 m^3/s$) and with a static pressure of $220 Pa$ (upper vertical axis on the left of the graph).

Under these conditions, they cross in the characteristic curve of 18° tilt of the blades and with a dynamic pressure of about $120 Pa$ (red curve that intersects at $40,000 m^3/h$ and upper vertical axis on the left of the graph).

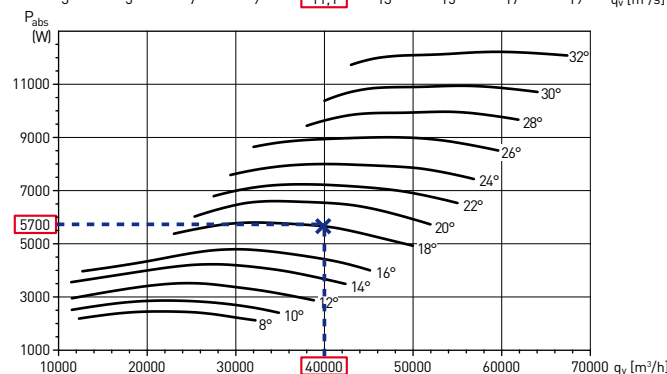
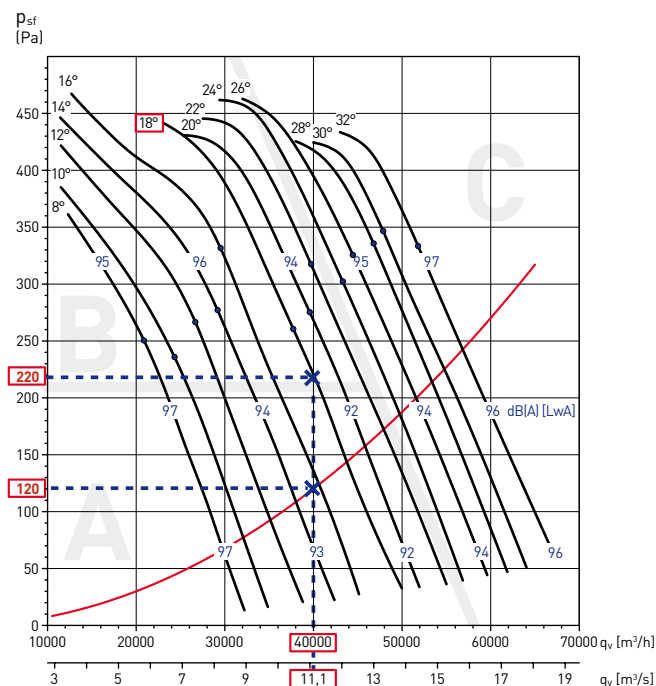
On the lower graph we find that for 18° , the power absorbed is $5700 W$ (vertical lower axis on the left of the "Pabs" graph). In the table below the graphs, for an 18° tilt, it indicates the installed motor power (PM), $5,5 kW$, as well as the data required by ErP Directive for EC marking.

Its total sound power level is $93 dB(A)$, (the sound level average value).

The sound spectrum can be calculated from the noise area (the three areas delimited by grey lines): A, B, or C.

In this case the working point is at the B area. To obtain the value of the spectrum for every octave band. For every eighth, the coefficient should be subtracted from the total sound power level.

At 3 meters of distance, the sound pressure level is $73 dB(A)$



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	3	3	3	4	4	5,5	5,5	7,5	7,5	7,5	11	11	11

Spectrum sound power level

Hz	dB(A)	B	Lw dB(A)
63	93	20	73
125	93	19	74
250	93	11	82
500	93	5	88
1000	93	5	88
2000	93	7	86
4000	93	13	80
8000	93	20	73

The resulting model would be
CGT/4-1000/3-18-5,5 kW

Sound pressure spectrum at 3 m

Hz	dB(A)	Atten.	Lp dB(A)
63	73	20	53
125	74	20	54
250	82	20	62
500	88	20	68
1000	88	20	68
2000	86	20	66
4000	80	20	60
8000	73	20	53

PERFORMANCE CURVES - 2 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

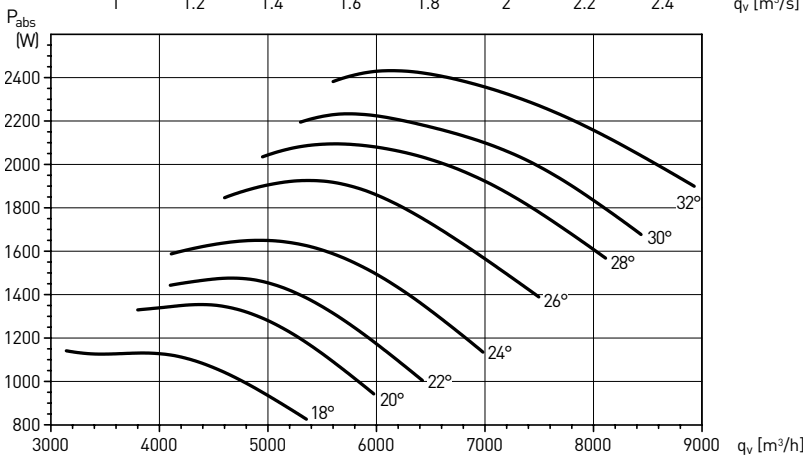
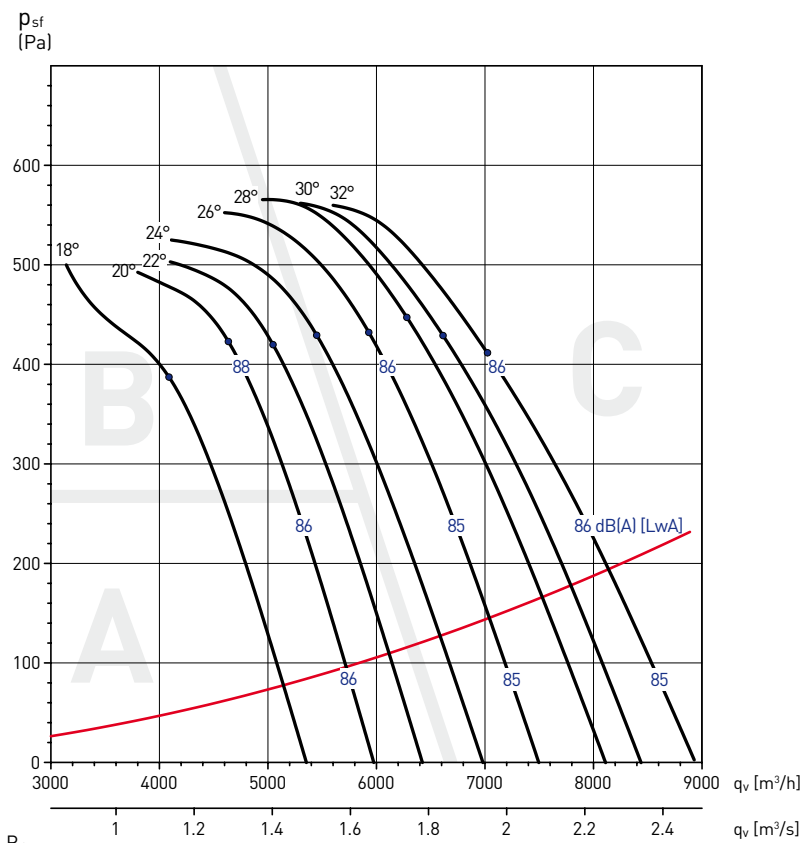
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	2
Nominal diameter (mm)	400
Number of blades	6

CGT/2-400-6/_°-_ kW

Hz	A	B	C
63	42	43	36
125	29	30	23
250	17	17	14
500	8	6	8
1000	4	4	5
2000	5	6	5
4000	9	10	8
8000	17	19	14

Table of correction factors for the calculation of the sound power level spectrum.



Angle	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	1,1	1,5	1,5	1,5	2,2	2,2	2,2	2,2

PERFORMANCE CURVES - 2 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

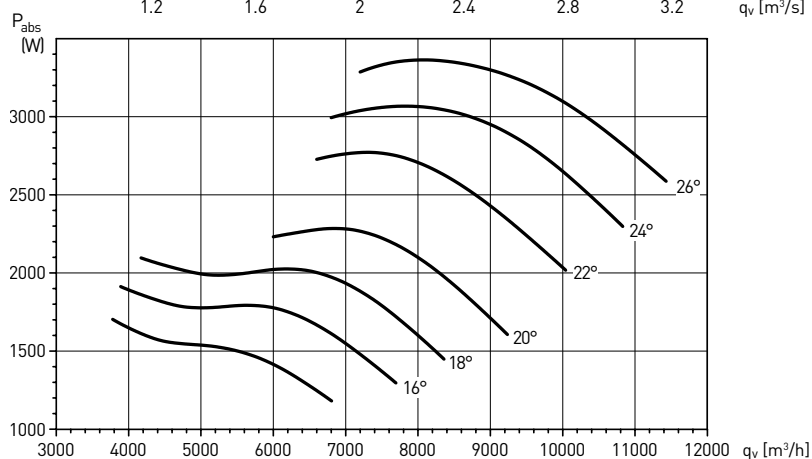
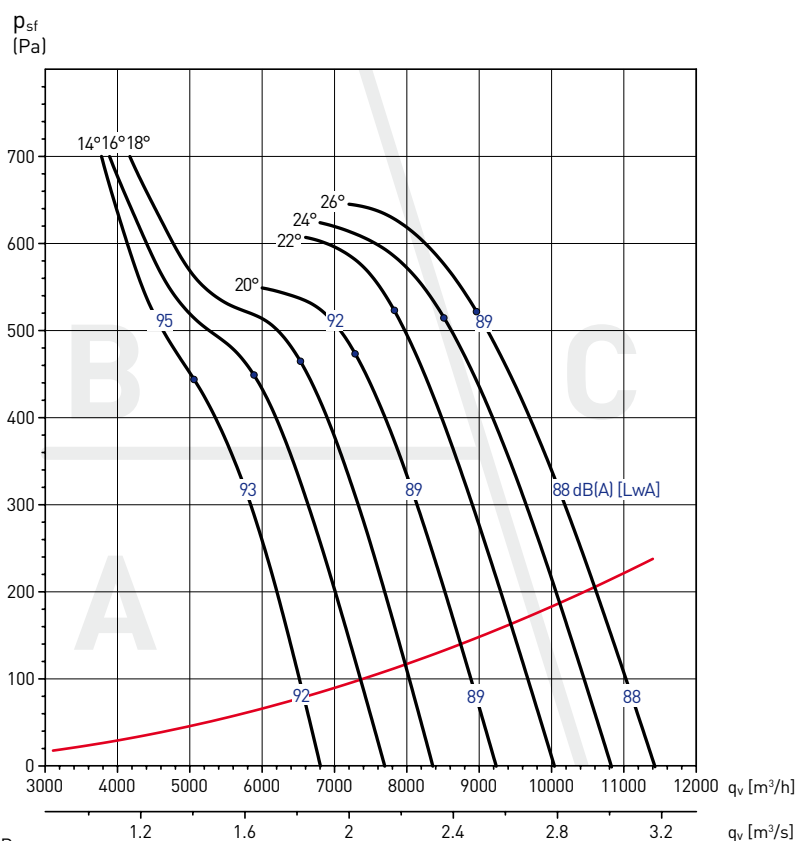
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	2
Nominal diameter (mm)	450
Number of blades	6

CGT/2-450-6/_°- kW

Hz	A	B	C
63	42	43	36
125	29	30	23
250	17	17	14
500	8	6	8
1000	4	4	5
2000	5	6	5
4000	9	10	8
8000	17	19	14

Table of correction factors for the calculation of the sound power level spectrum.



Angle	14°	16°	18°	20°	22°	24°	26°
Motor power (kW)	2,2	2,2	2,2	2,2	3	3	3

PERFORMANCE CURVES - 2 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

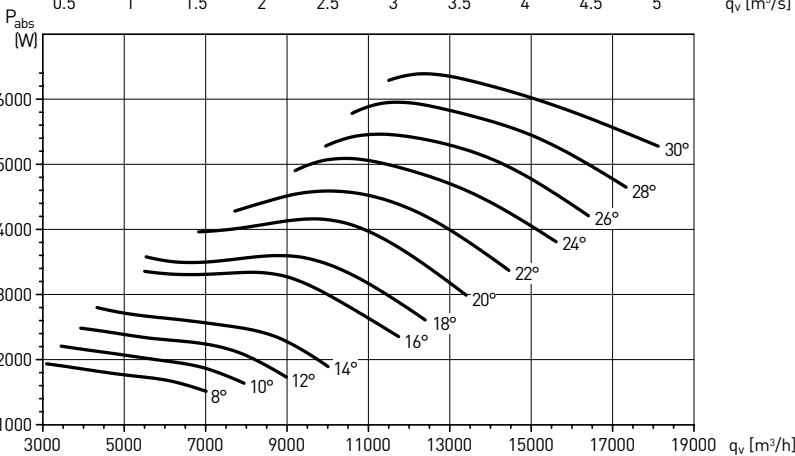
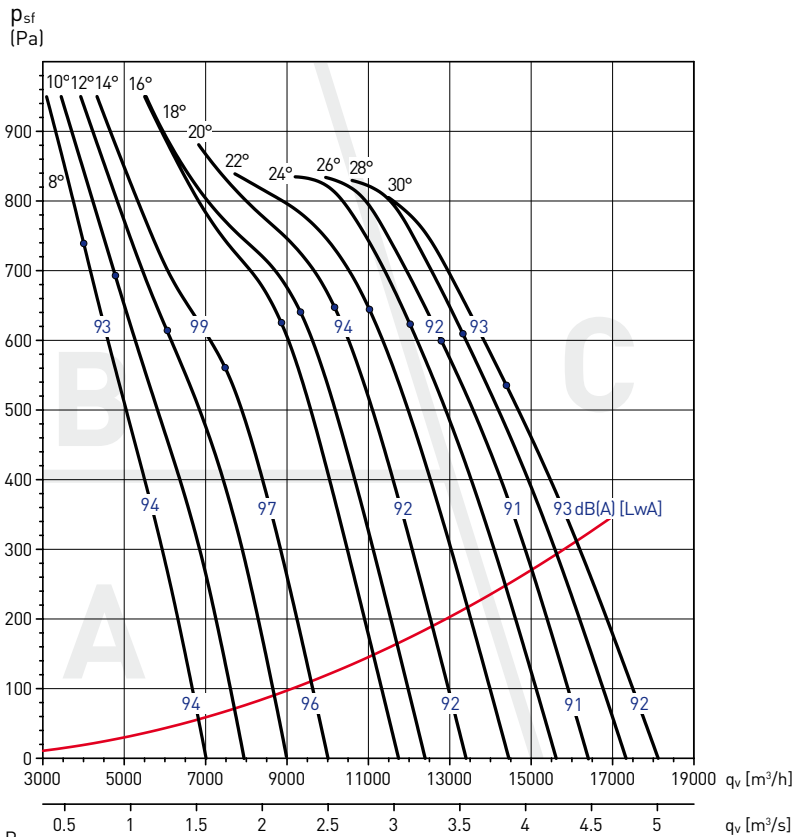
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	2
Nominal diameter (mm)	500
Number of blades	6

CGT/2-500-6/_°-_ kW

Hz	A	B	C
63	42	43	36
125	29	30	23
250	17	17	14
500	8	6	8
1000	4	4	5
2000	5	6	5
4000	9	10	8
8000	17	19	14

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°
Motor power (kW)	2,2	2,2	2,2	2,2	3	4	4	4	5,5	5,5	5,5	5,5

PERFORMANCE CURVES - 2 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

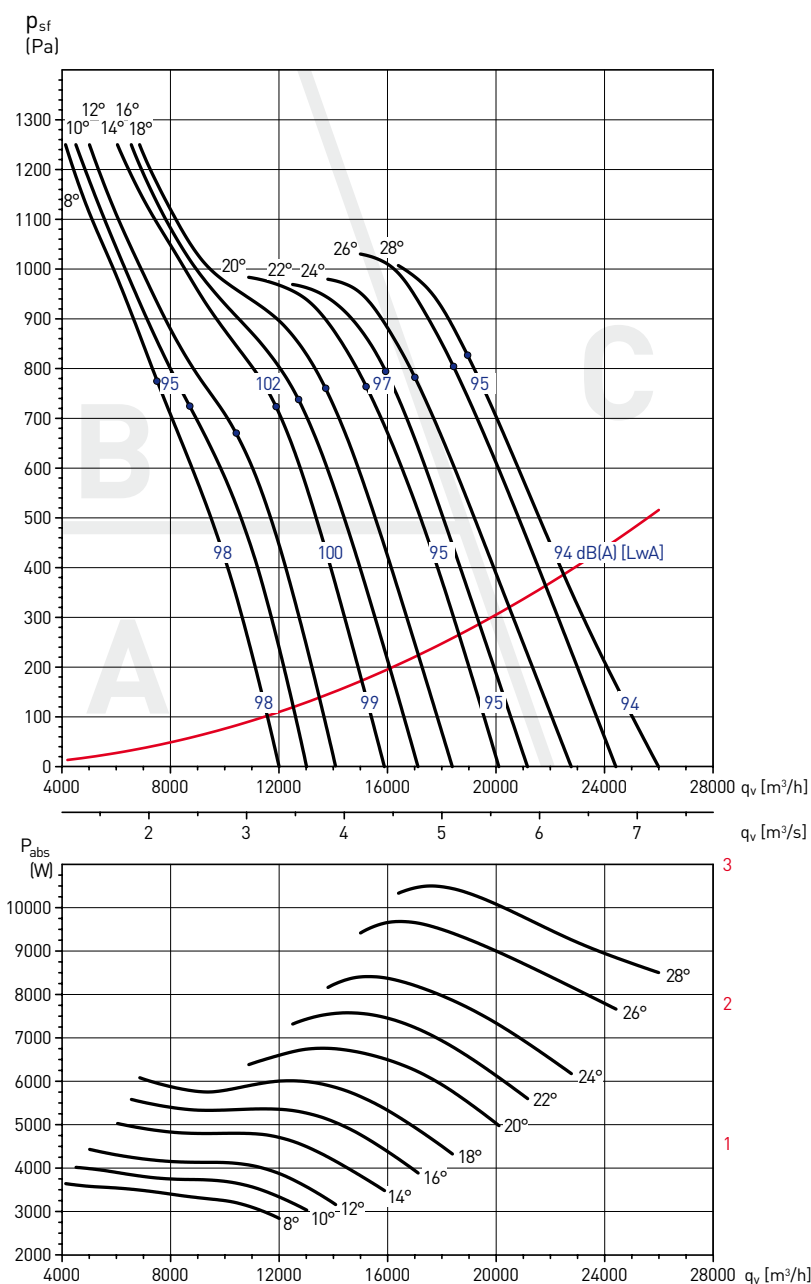
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	2
Nominal diameter (mm)	560
Number of blades	6

CGT/2-560-6/_°- kW

Hz	A	B	C
63	42	43	36
125	29	30	23
250	17	17	14
500	8	6	8
1000	4	4	5
2000	5	6	5
4000	9	10	8
8000	17	19	14

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°
Motor power (kW)	3	4	4	5,5	5,5	5,5	7,5	7,5	7,5	9,2	9,2



PERFORMANCE CURVES - 2 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

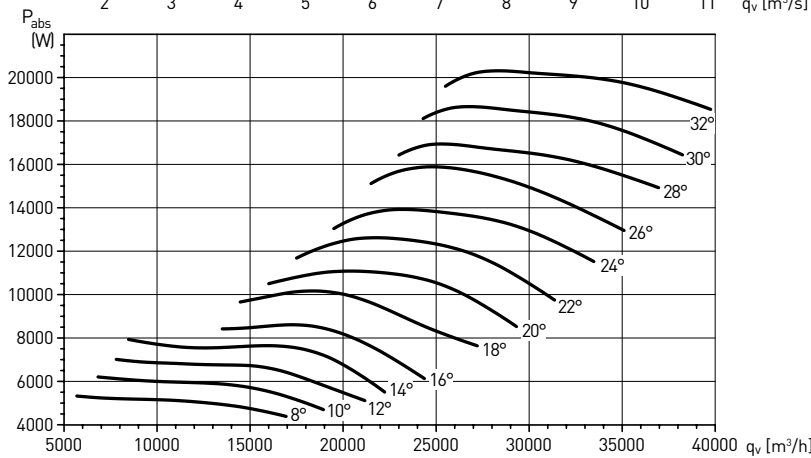
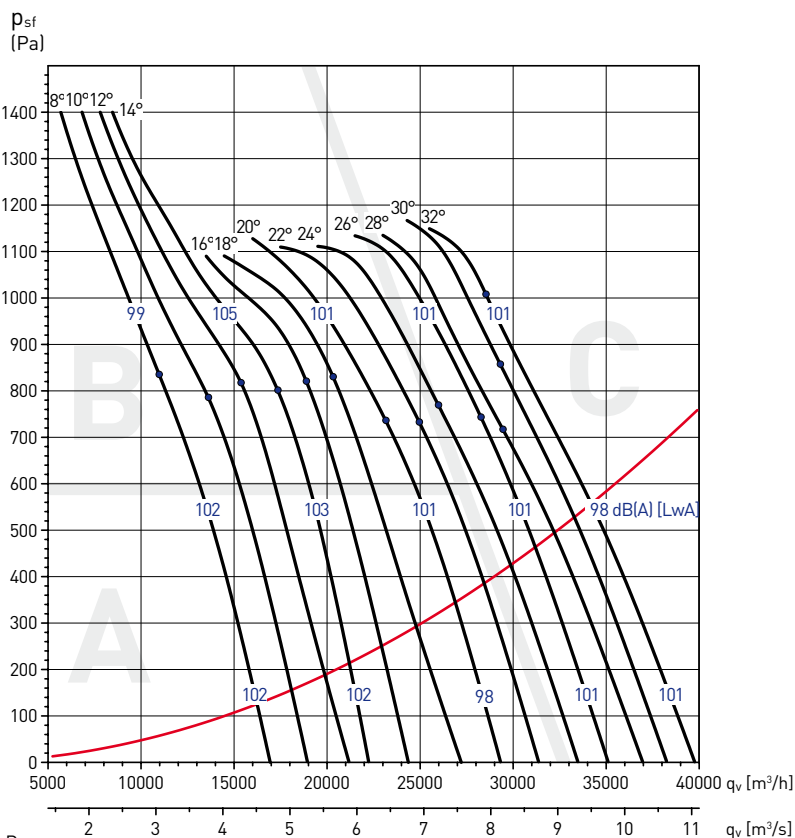
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	2
Nominal diameter (mm)	630
Number of blades	6

CGT/2-630-6/_°-_ kW

Hz	A	B	C
63	42	43	36
125	29	30	23
250	17	17	14
500	8	6	8
1000	4	4	5
2000	5	6	5
4000	9	10	8
8000	17	19	14

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	30°
Motor power (kW)	5,5	5,5	7,5	7,5	7,5	9,2	11	11	15	15	15	18,5	18,5

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

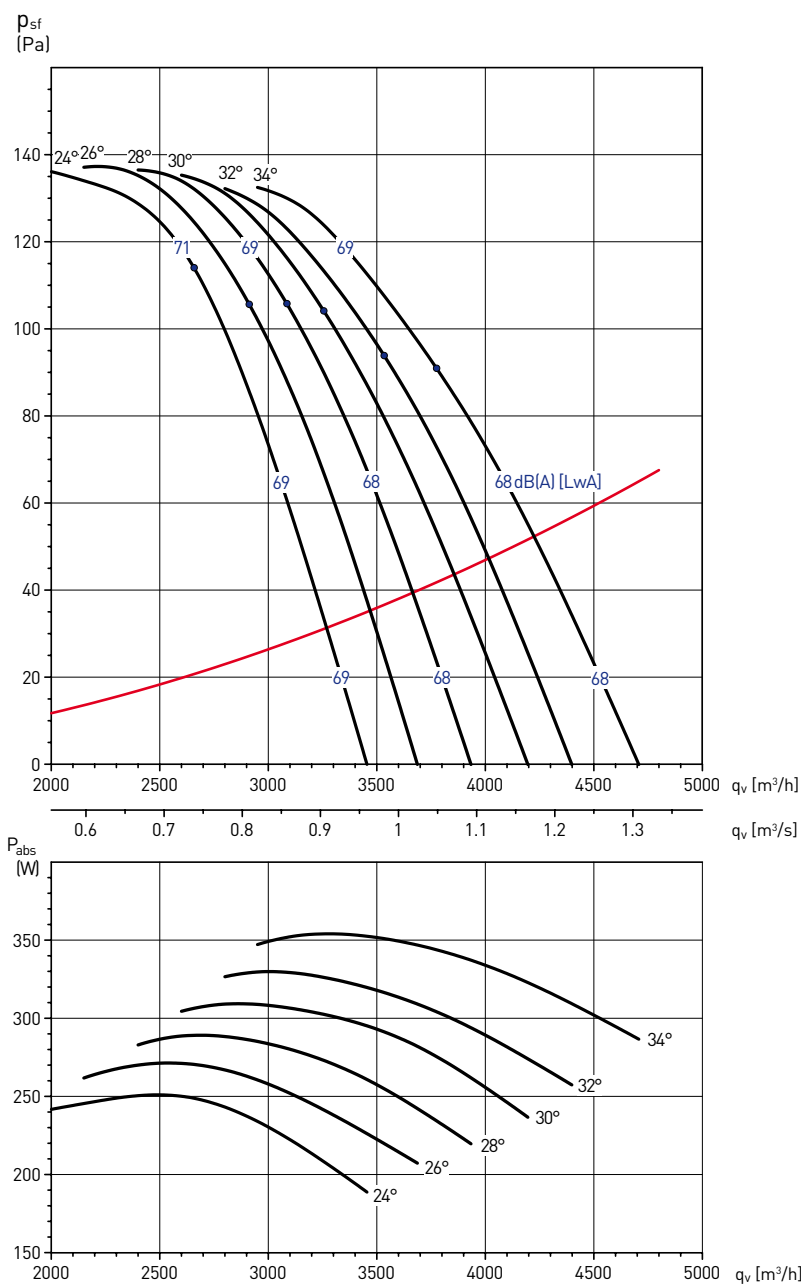
CGT

Number of poles	4
Nominal diameter (mm)	400
Number of blades	6

CGT/4-400-6/_°- kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	24°	26°	28°	30°	32°	34°
Motor power (kW)	0,25	0,25	0,25	0,25	0,25	0,25



PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

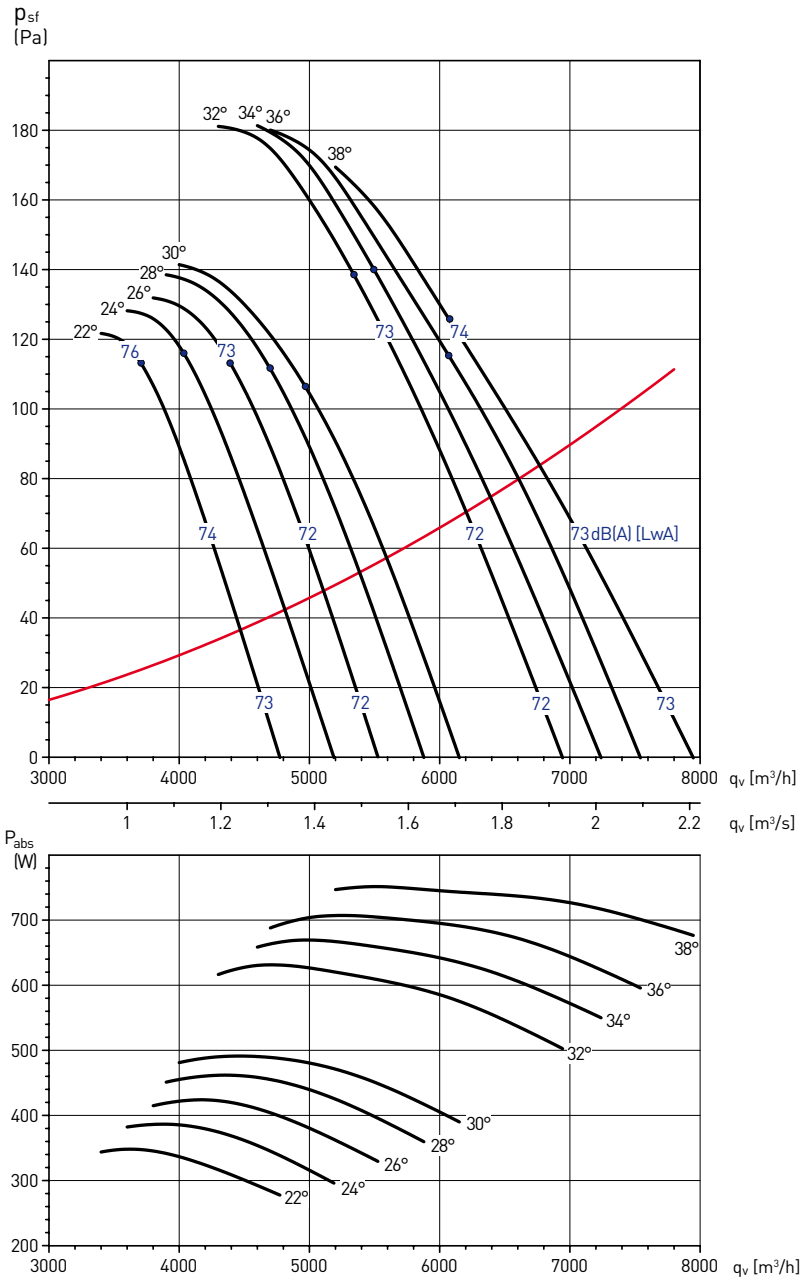
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	450
Number of blades	6

CGT/4-450-6/_°-_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	22°	24°	26°	28°	30°	32°	34°	36°	38°
Motor power (kW)	0,37	0,37	0,37	0,37	0,37	0,55	0,55	0,55	0,55

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

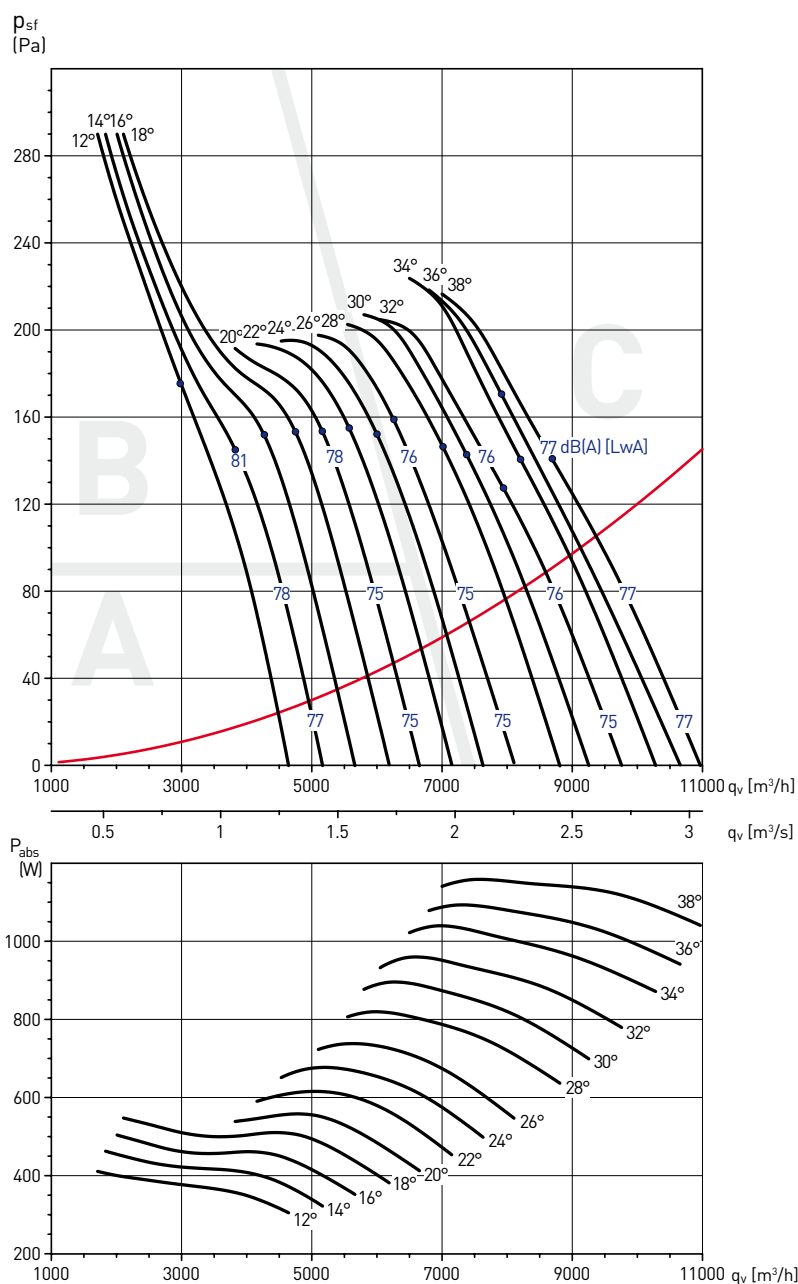
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	500
Number of blades	6

CGT/4-500-6/_°-_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
Motor power (kW)	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,75	0,75	0,75	1,1	1,1	1,1



PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

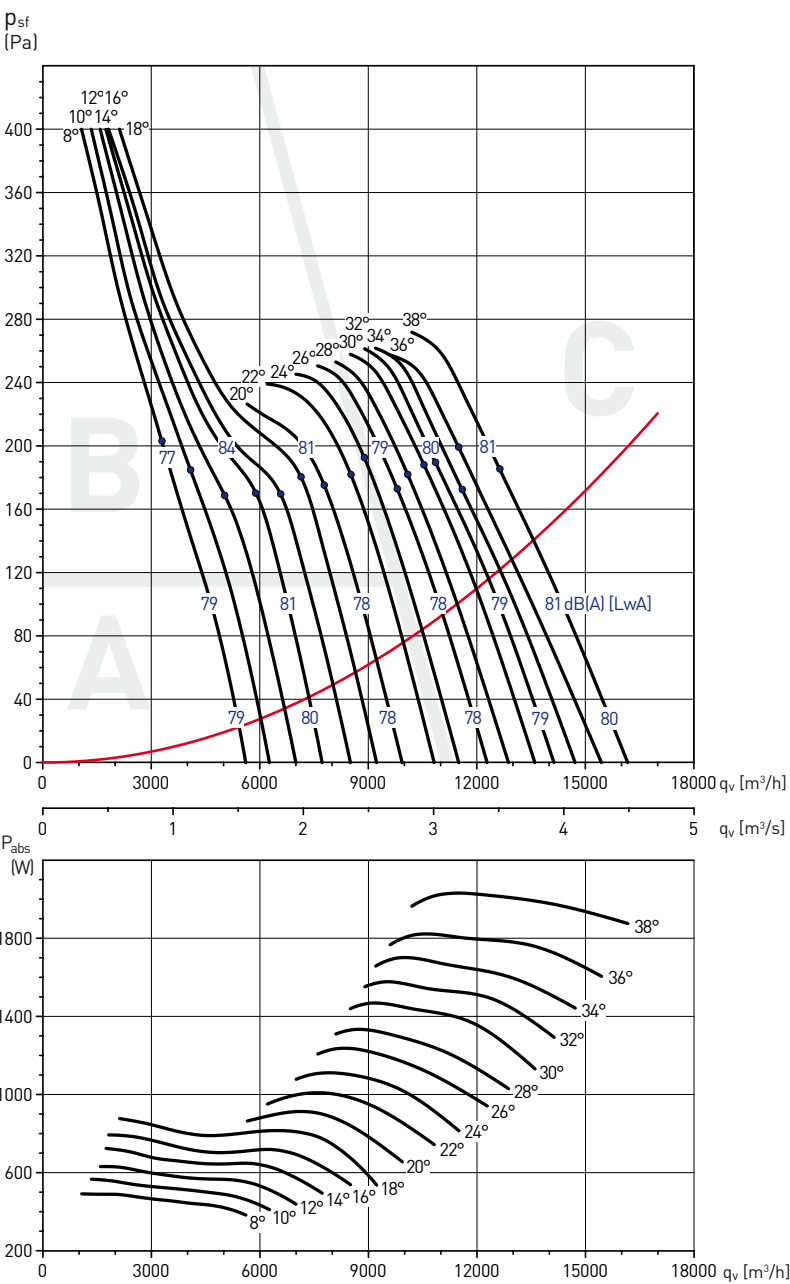
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	560
Number of blades	6

CGT/4-560-6/_°_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
Motor power (kW)	0,55	0,55	0,55	0,55	0,55	0,75	0,75	1,1	1,1	1,1	1,1	1,5	1,5	1,5	1,5	2,2

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

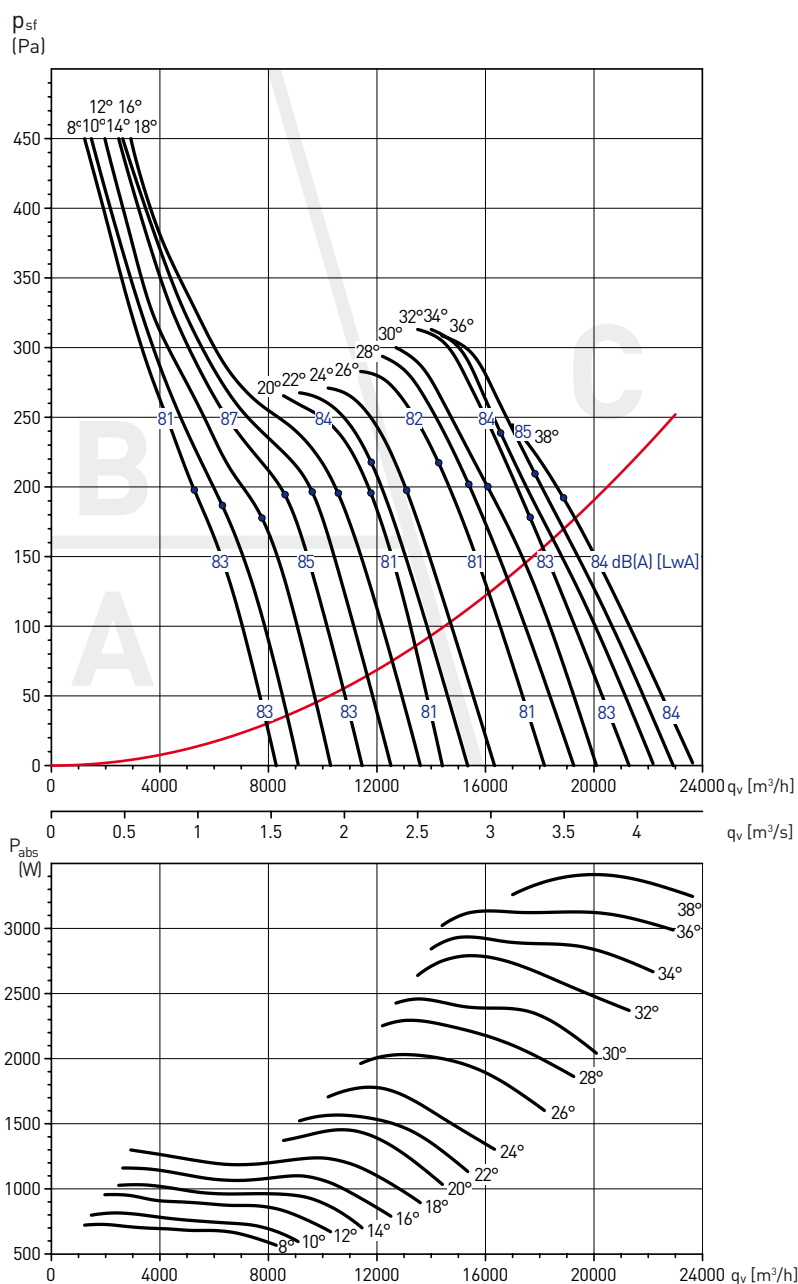
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	630
Number of blades	6

CGT/4-630-6/_°- kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
Motor power (kW)	0,75	0,75	0,75	1,1	1,1	1,1	1,5	1,5	1,5	2,2	2,2	2,2	3	3	3	3

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

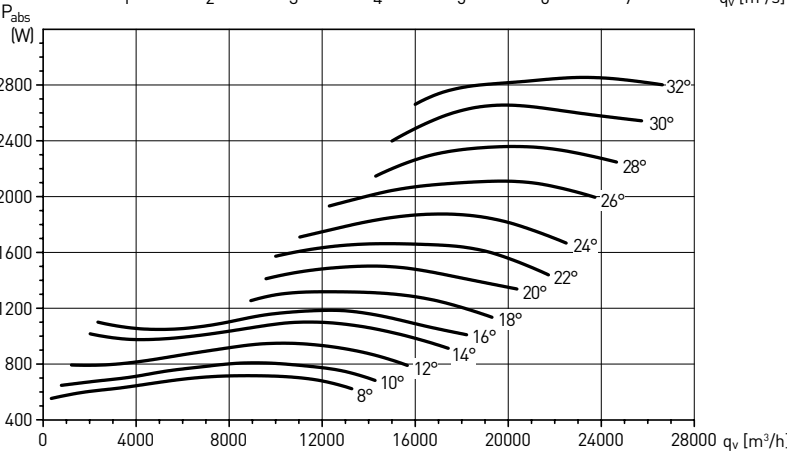
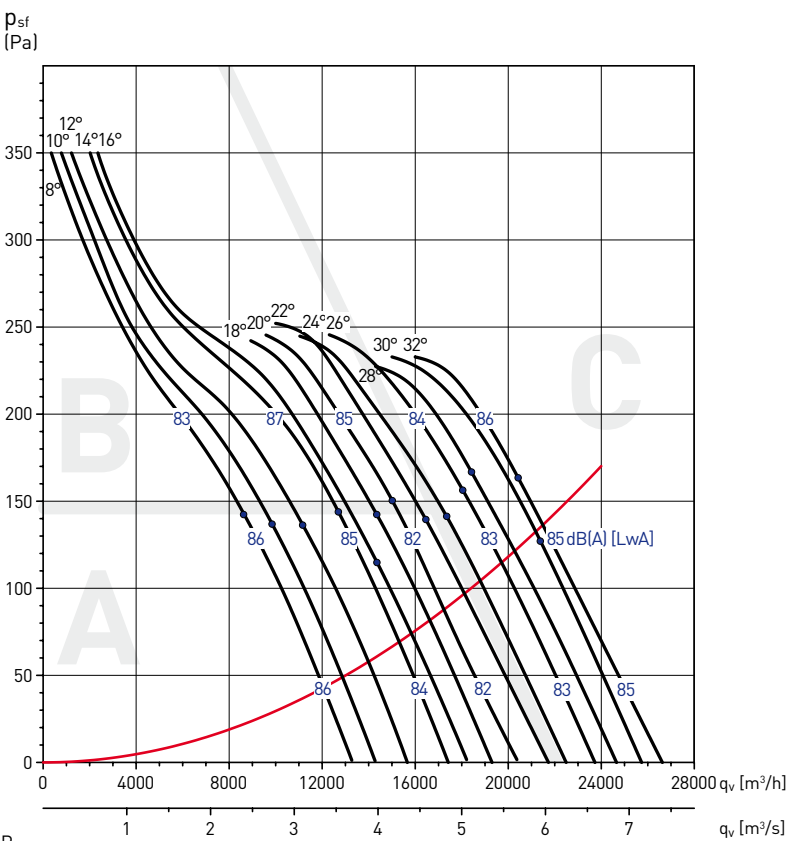
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	3

CGT/4-710-3/_°_ kW

Hz	A	B	C
63	22	22	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	0,75	0,75	0,75	1,1	1,1	1,1	1,5	1,5	1,5	2,2	2,2	3	3

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

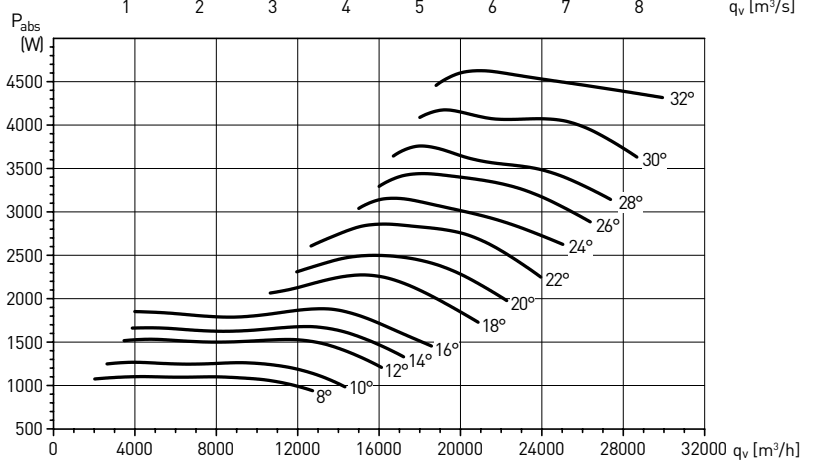
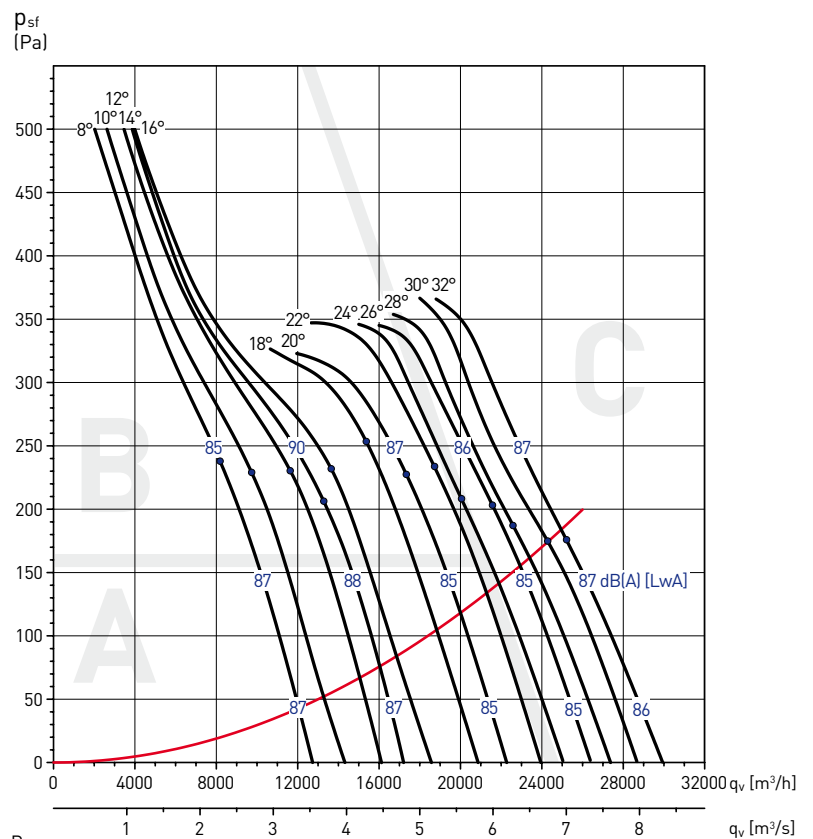
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	6

CGT/4-710-6/_°- kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	1,1	1,1	1,5	1,5	1,5	2,2	2,2	3	3	3	3	4	4



PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

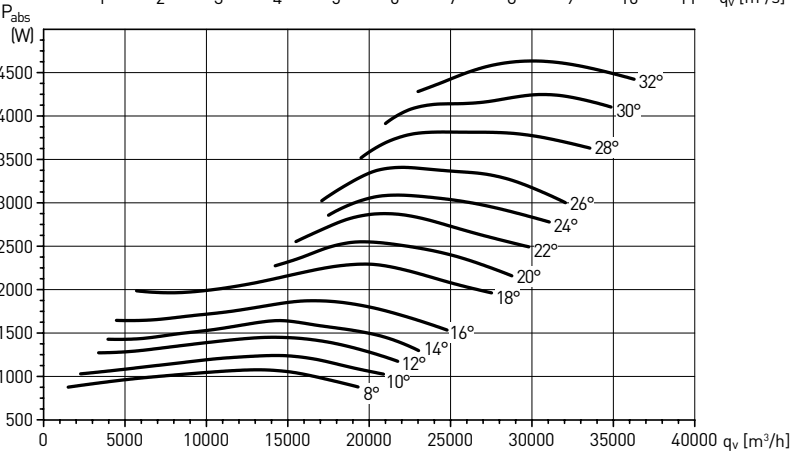
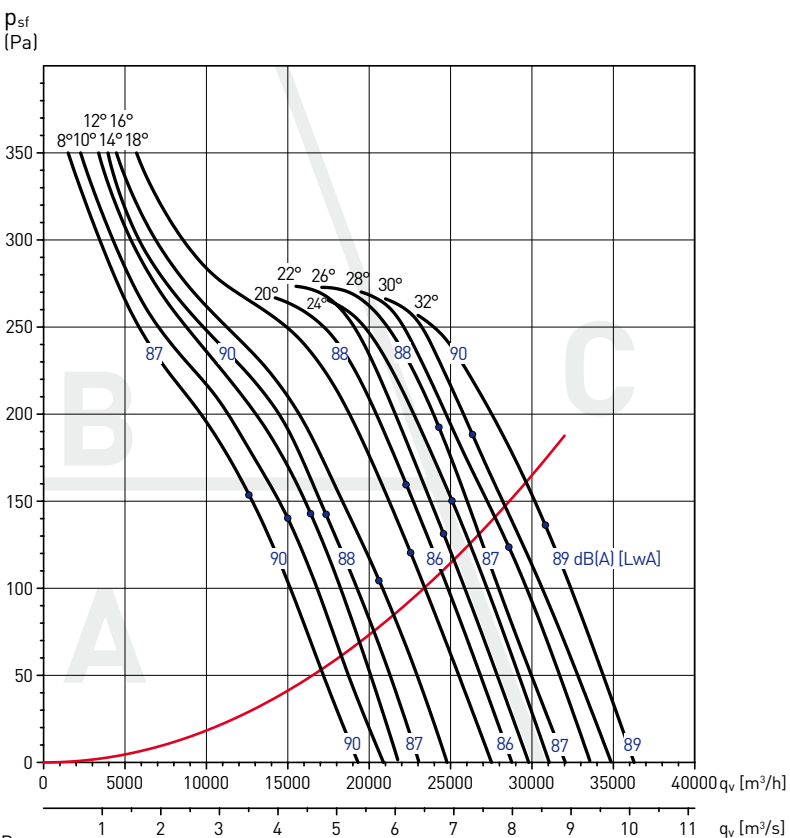
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	800
Number of blades	3

CGT/4-800-3/_°-_ kW

Hz	A	B	C
63	22	20	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	1,1	1,1	1,5	1,5	1,5	2,2	3	3	3	3	4	4	5,5

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

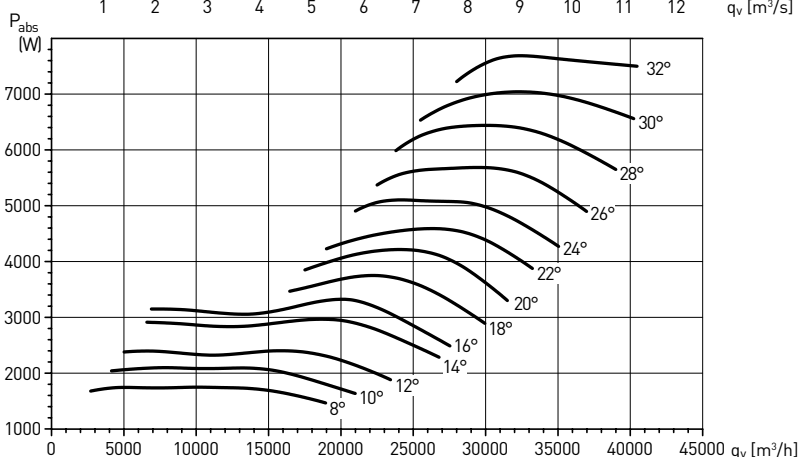
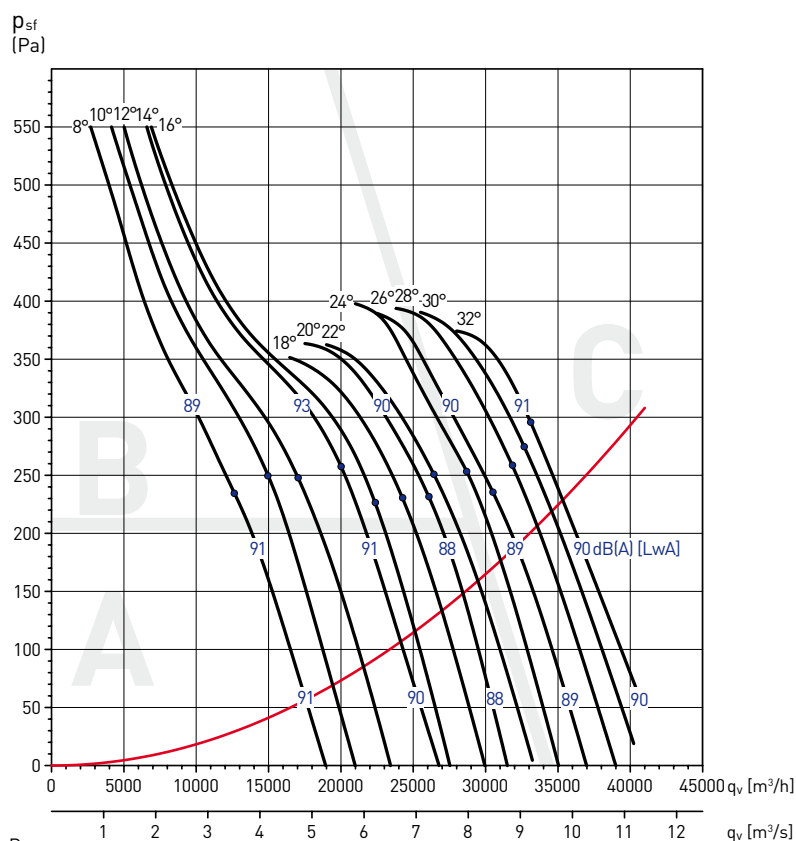
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	800
Number of blades	6

CGT/4-800-6/_°- kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power [kW]	1,5	2,2	2,2	3	3	3	4	4	5,5	5,5	7,5	7,5	7,5



PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

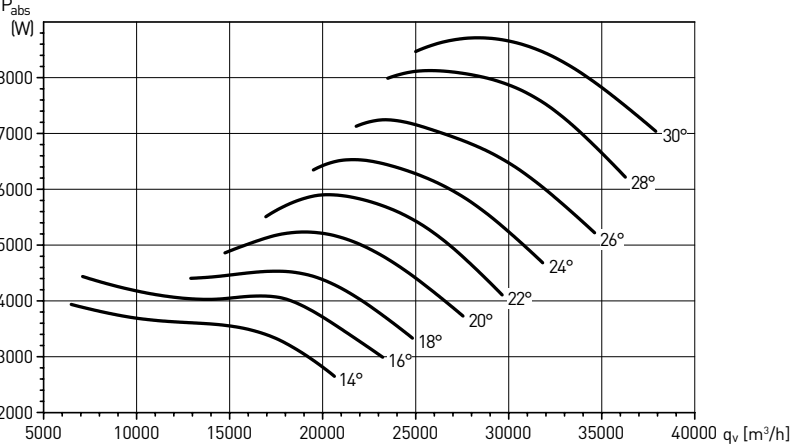
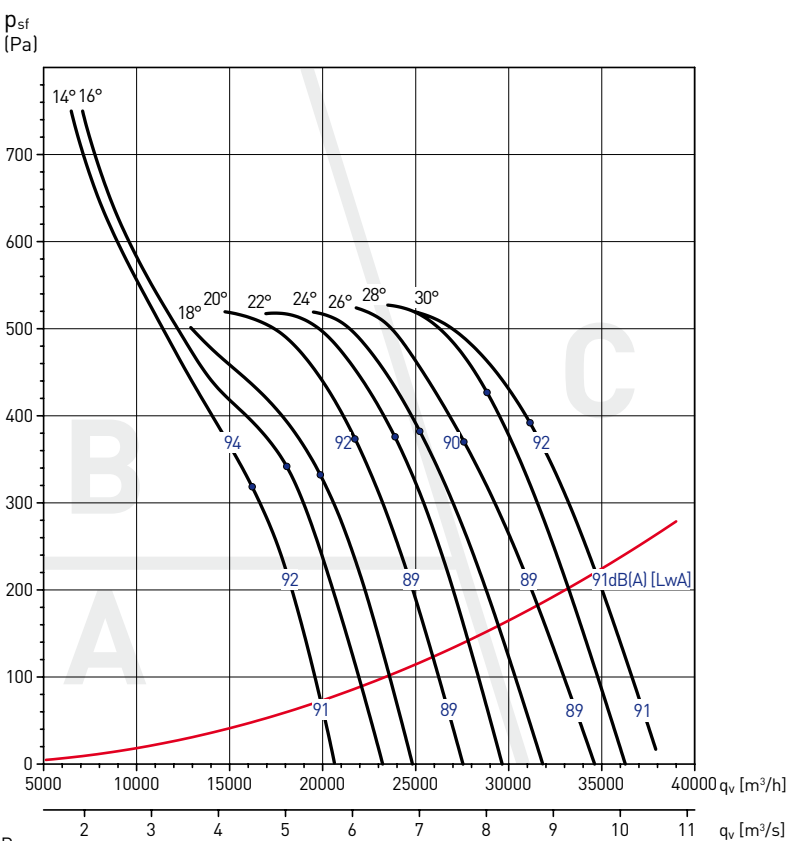
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	800
Number of blades	9

CGT/4-800-9/_°- kW

Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

Table of correction factors for the calculation of the sound power level spectrum.



Angle	14°	16°	18°	20°	22°	24°	26°	28°	30°
Motor power [kW]	4	4	4	5,5	5,5	5,5	7,5	7,5	7,5

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

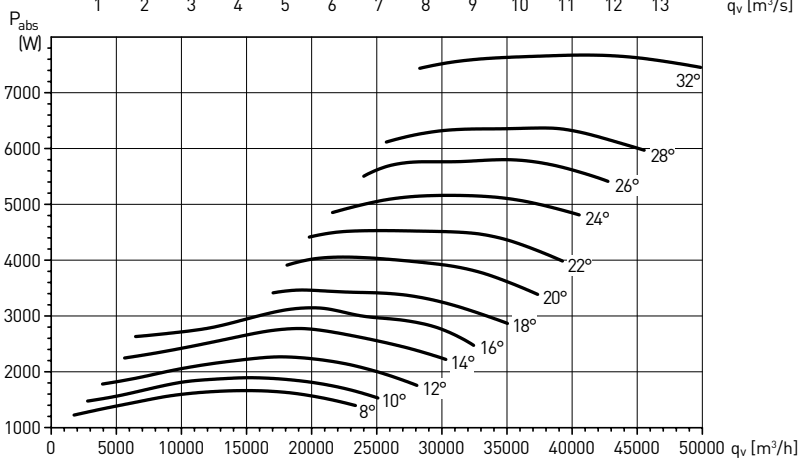
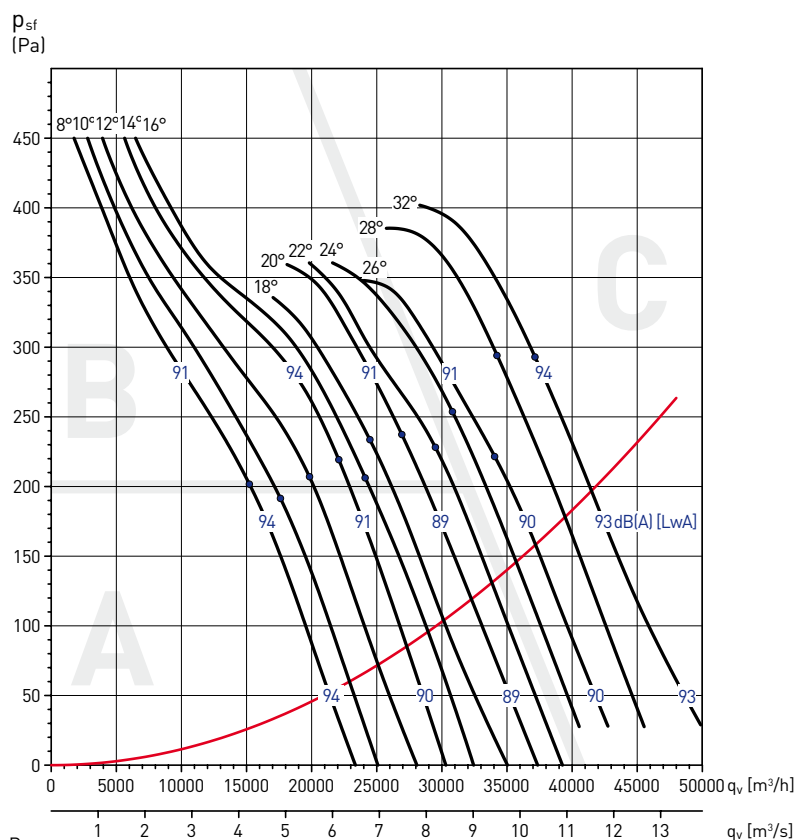
CGT

Number of poles	4
Nominal diameter (mm)	900
Number of blades	3

CGT/4-900-3/_°- kW

Hz	A	B	C
63	22	20	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	32°
Motor power [kW]	2,2	2,2	2,2	3	3	3	4	4	5,5	5,5	7,5	7,5

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

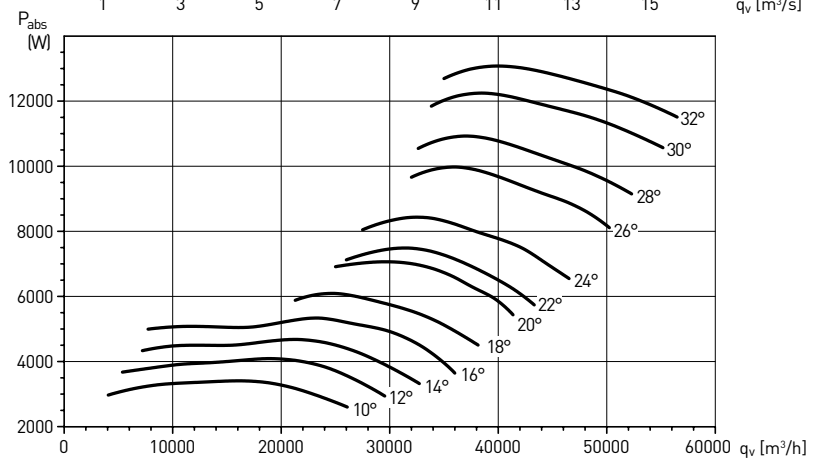
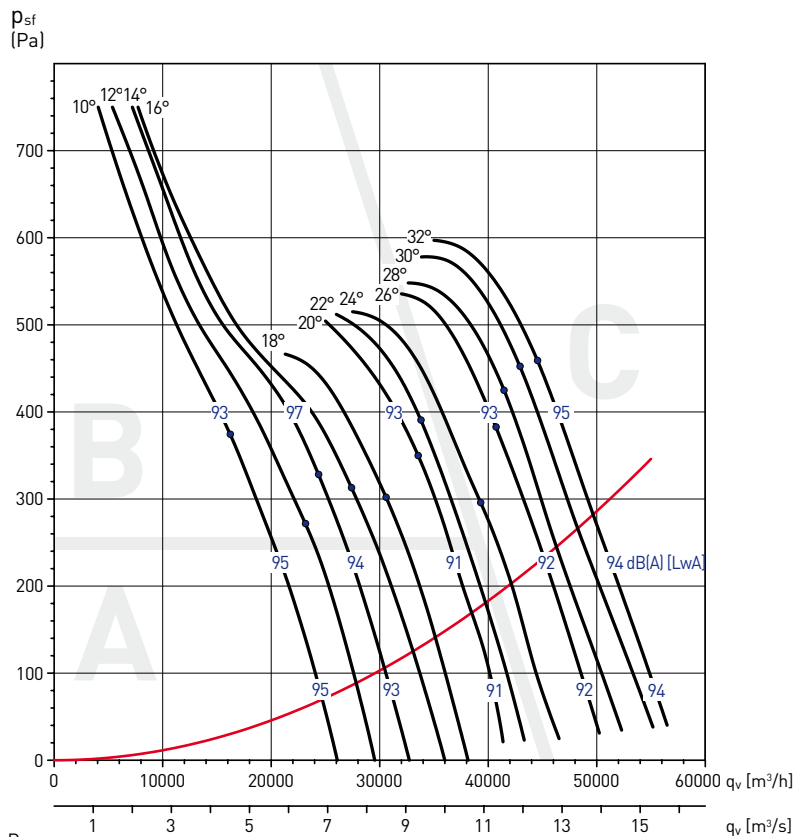
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	900
Number of blades	6

CGT/4-900-6/_°-_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	4	4	5,5	5,5	5,5	7,5	7,5	7,5	11	11	11	15

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

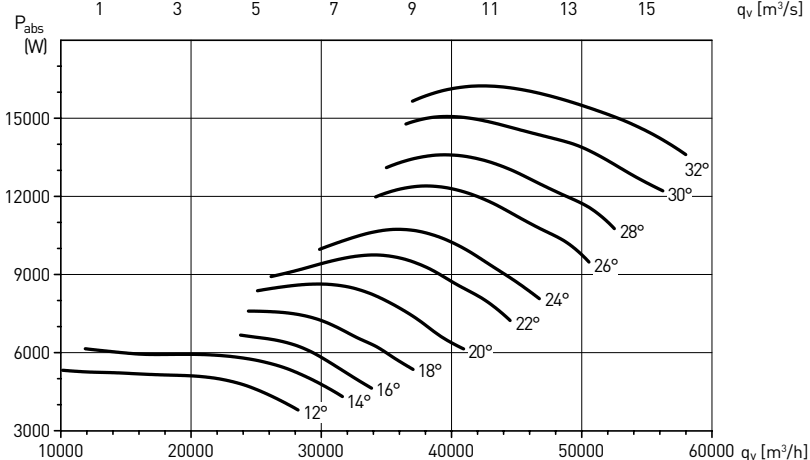
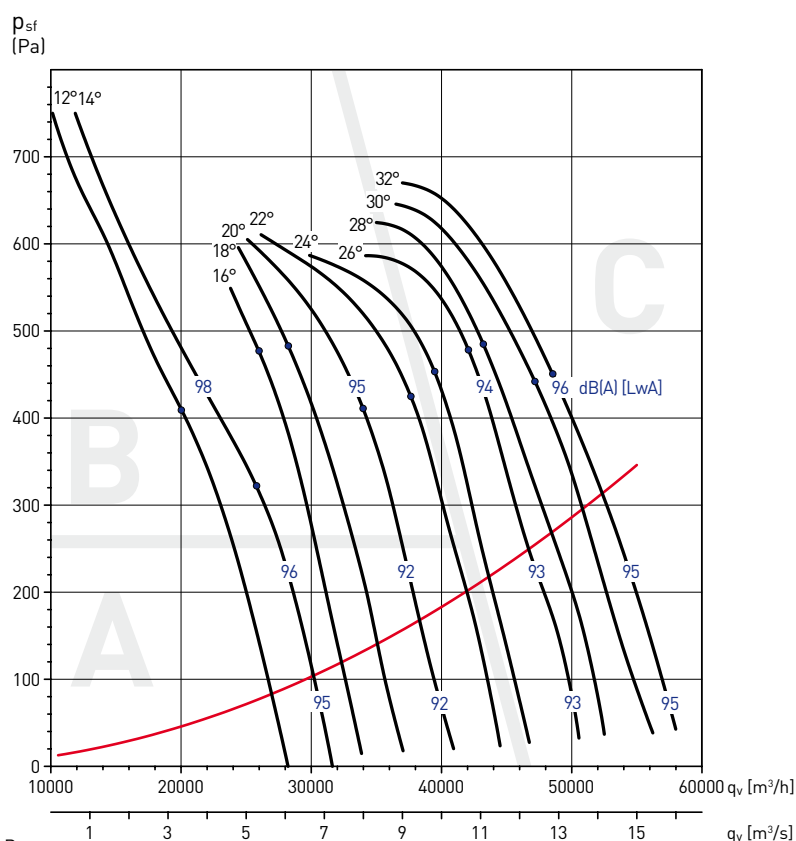
CGT

Number of poles	4
Nominal diameter (mm)	900
Number of blades	9

CGT/4-900-9/_°- kW

Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

Table of correction factors for the calculation of the sound power level spectrum.



Angle	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power [kW]	5,5	5,5	7,5	7,5	7,5	11	11	11	15	15	15

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

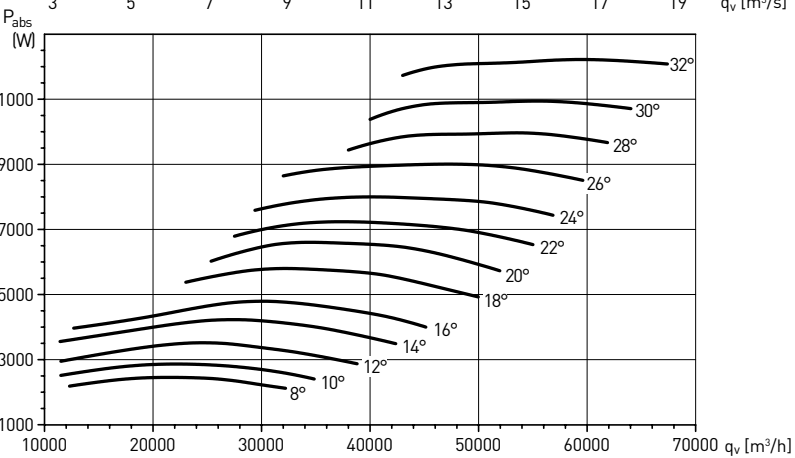
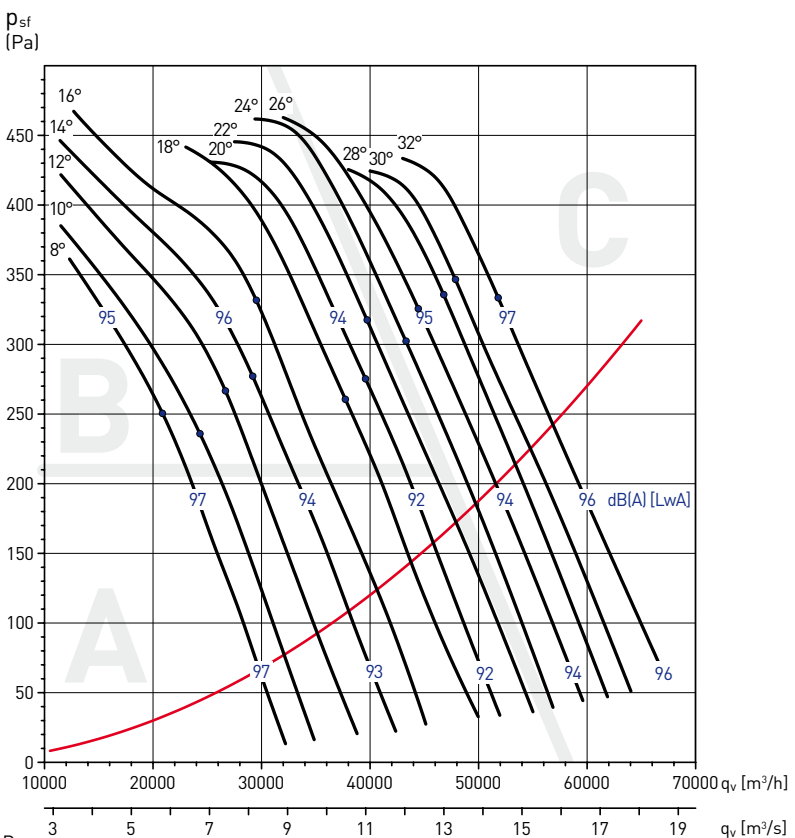
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	1000
Number of blades	3

CGT/4-1000-3/_°-_ kW

Hz	A	B	C
63	22	20	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	3	3	3	4	4	5,5	5,5	7,5	7,5	7,5	11	11	11

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

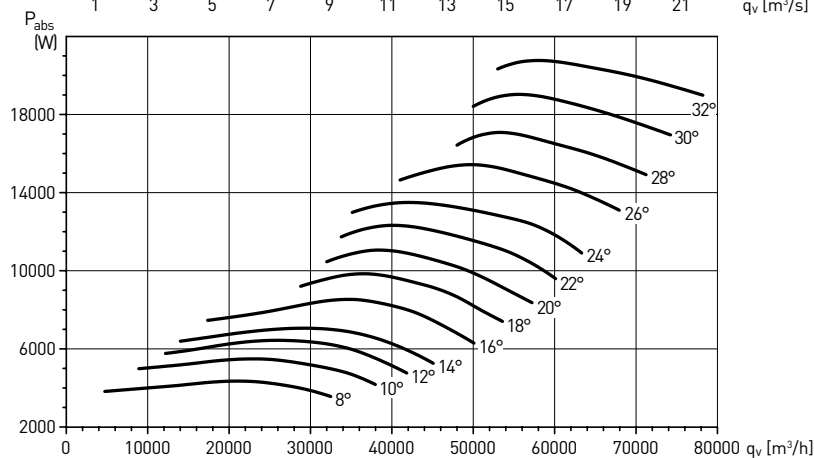
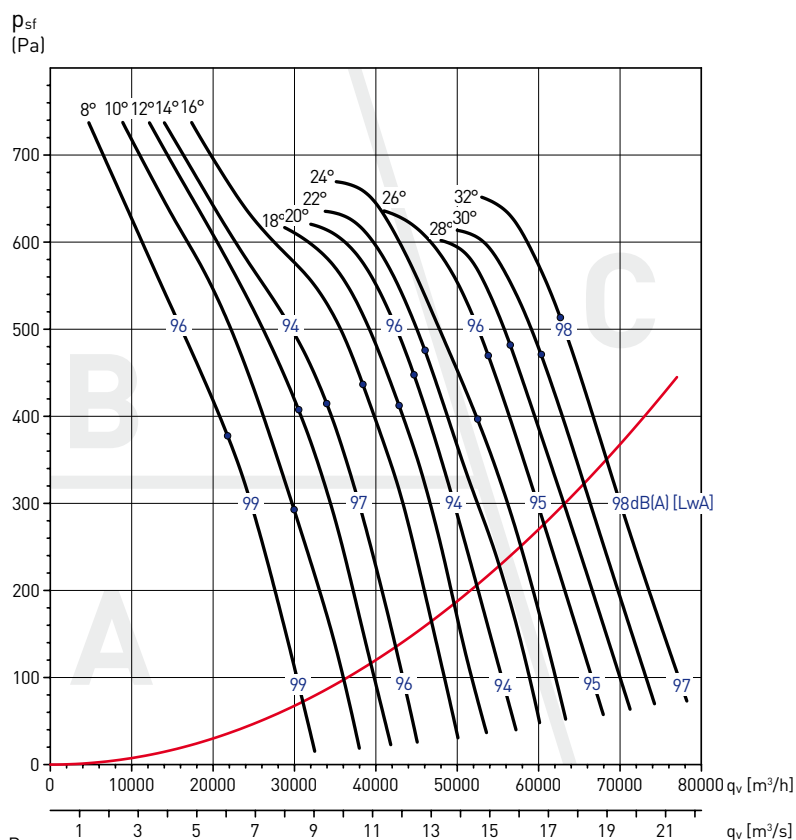
CGT

Number of poles	4
Nominal diameter (mm)	1000
Number of blades	6

CGT/4-1000-6/_°_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power [kW]	4	5,5	5,5	7,5	7,5	11	11	11	11	15	15	18,5	22

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

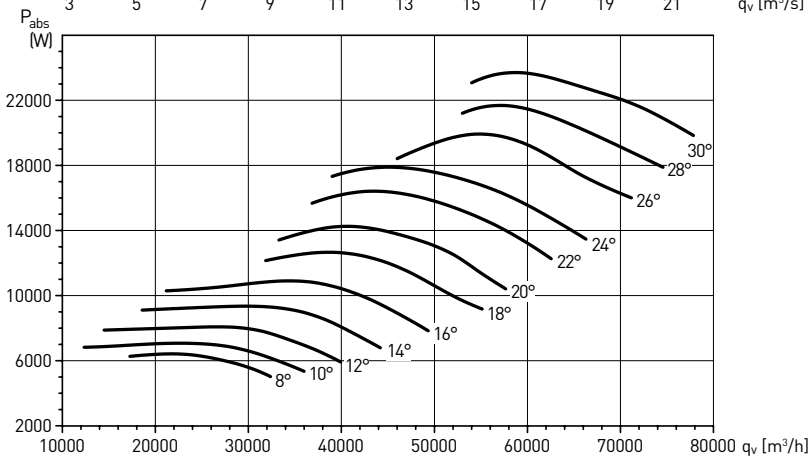
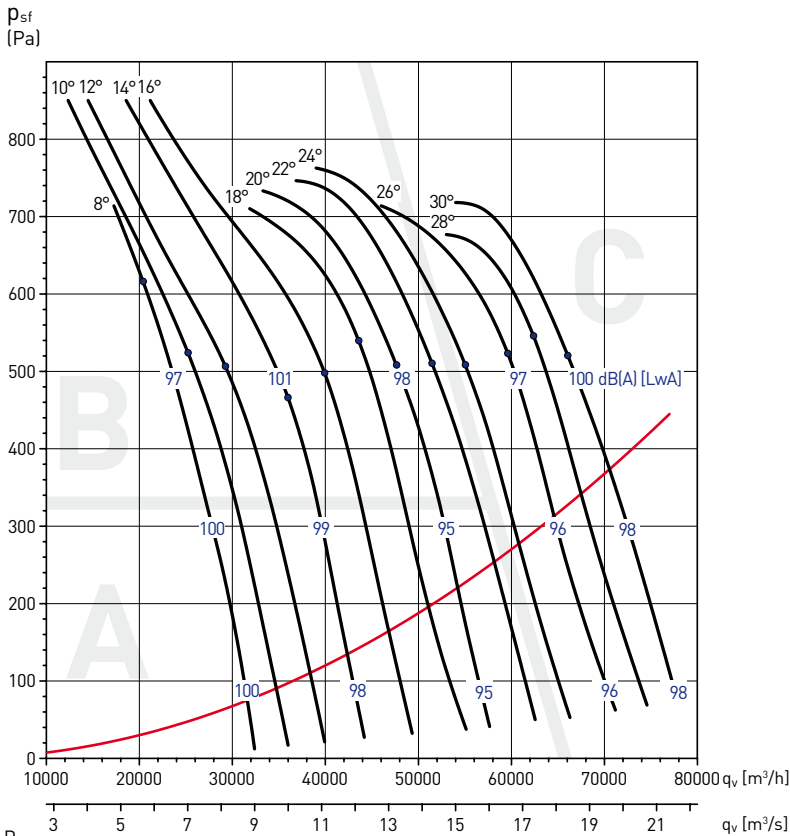
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	1000
Number of blades	9

CGT/4-1000-9/_°-_ kW

Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°
Motor power [kW]	5,5	7,5	7,5	11	11	11	15	15	15	18,5	22	22

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

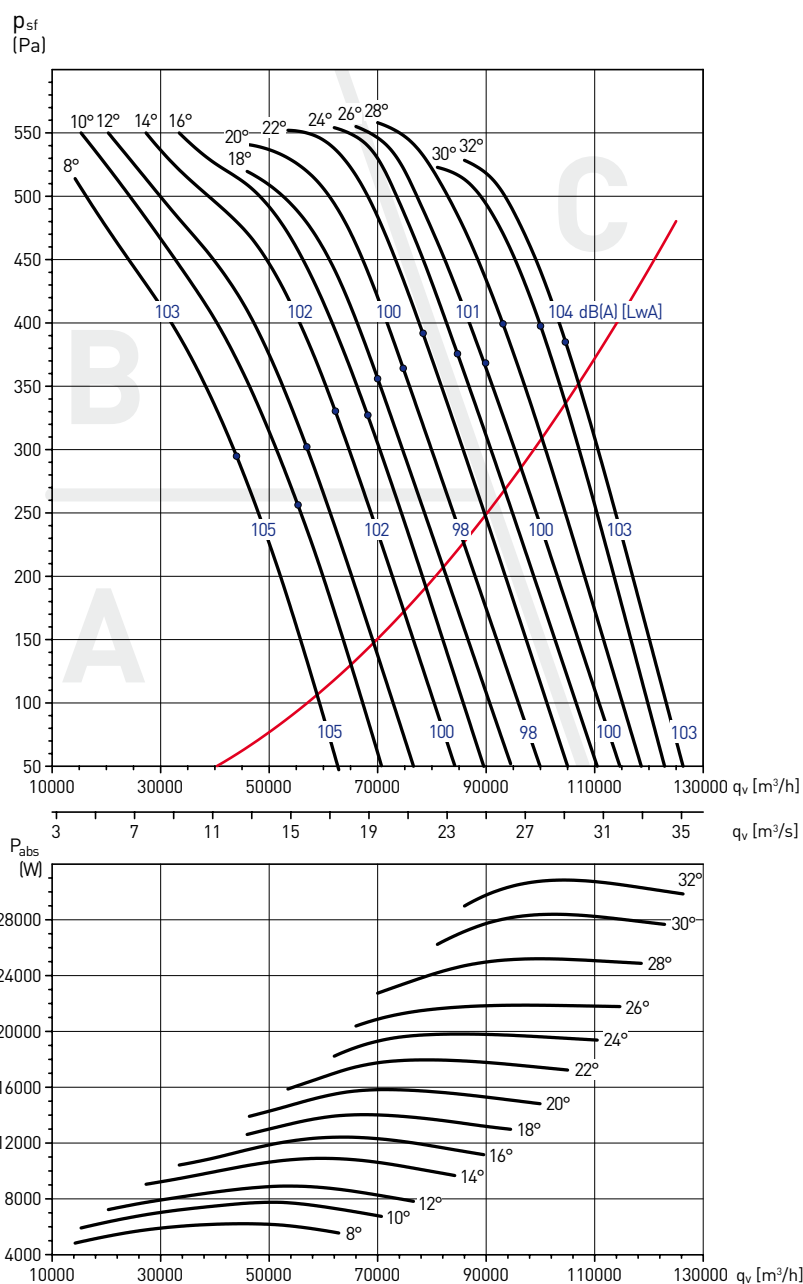
CGT

Number of poles	4
Nominal diameter (mm)	1250
Number of blades	3

CGT/4-1250-3/_°_ kW

Hz	A	B	C
63	22	20	18
125	19	19	17
250	13	11	12
500	6	5	6
1000	4	5	5
2000	6	7	6
4000	11	13	12
8000	18	20	20

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	7,5	7,5	11	11	15	15	15	18,5	22	22	30	30	30



PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

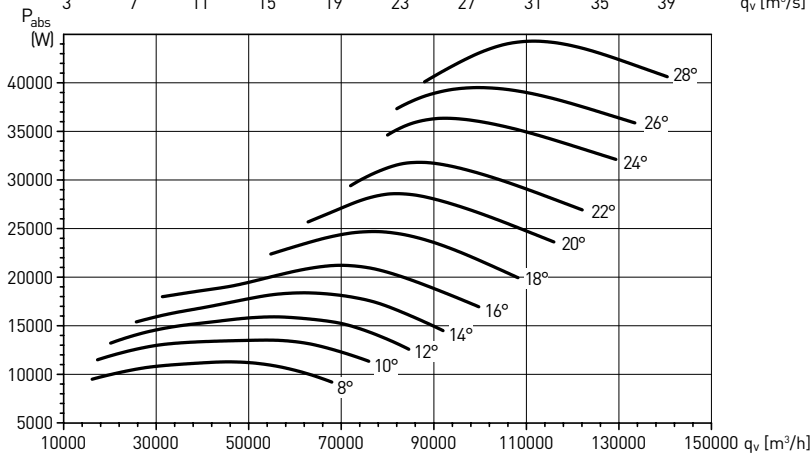
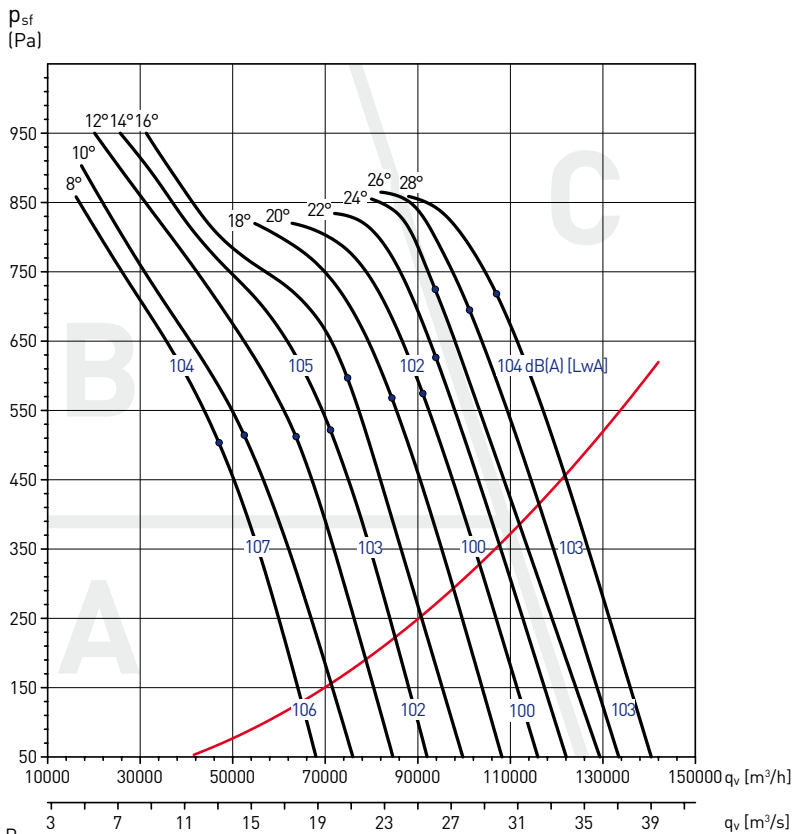
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	4
Nominal diameter (mm)	1250
Number of blades	6

CGT/4-1250-6/_°-_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	5	5	6
1000	4	5	5
2000	7	8	6
4000	13	14	11
8000	21	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°
Motor power (kW)	15	15	15	18,5	22	30	30	30	37	37	45

PERFORMANCE CURVES - 4 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

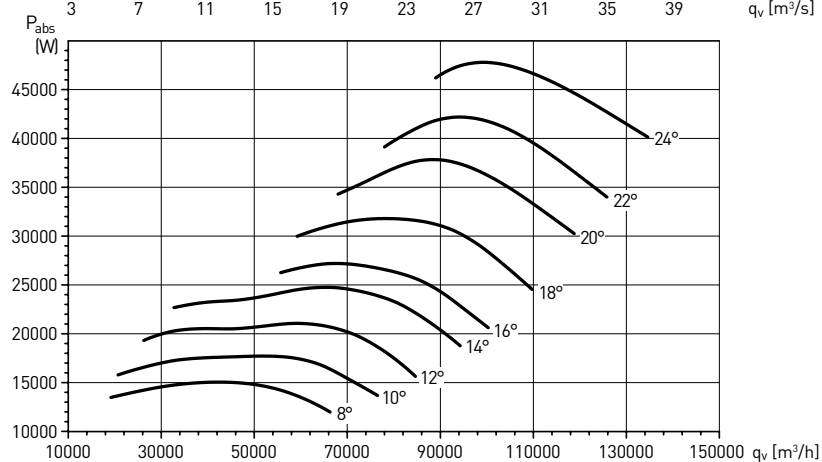
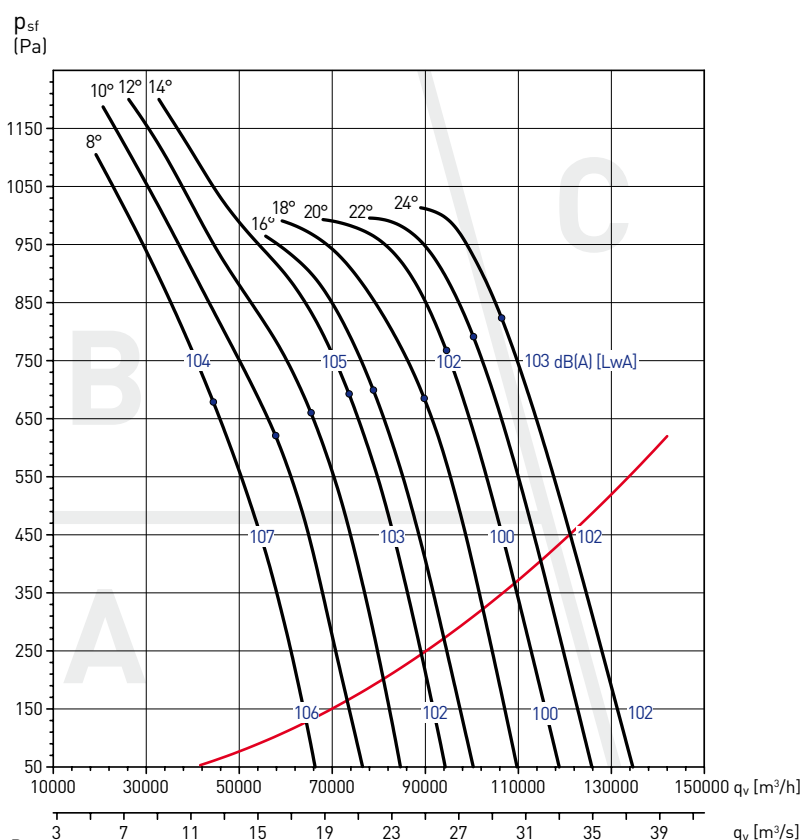
CGT

Number of poles	4
Nominal diameter (mm)	1250
Number of blades	9

CGT/4-1250-9/_°_ kW

Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°
Motor power (kW)	15	18,5	22	30	30	37	37	45	45

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

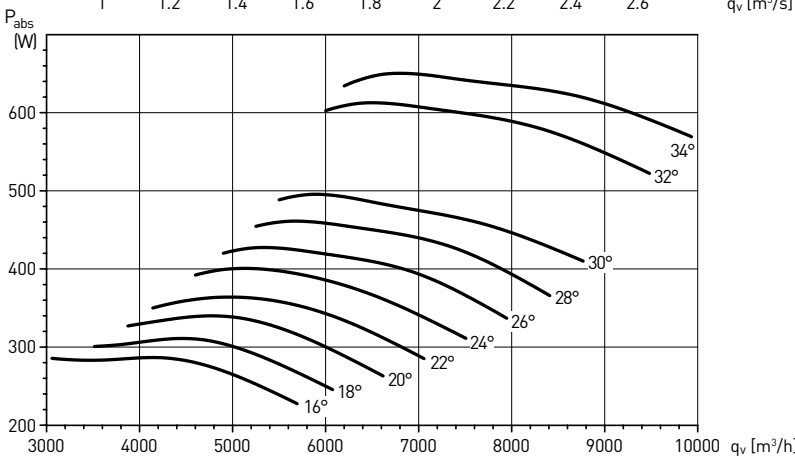
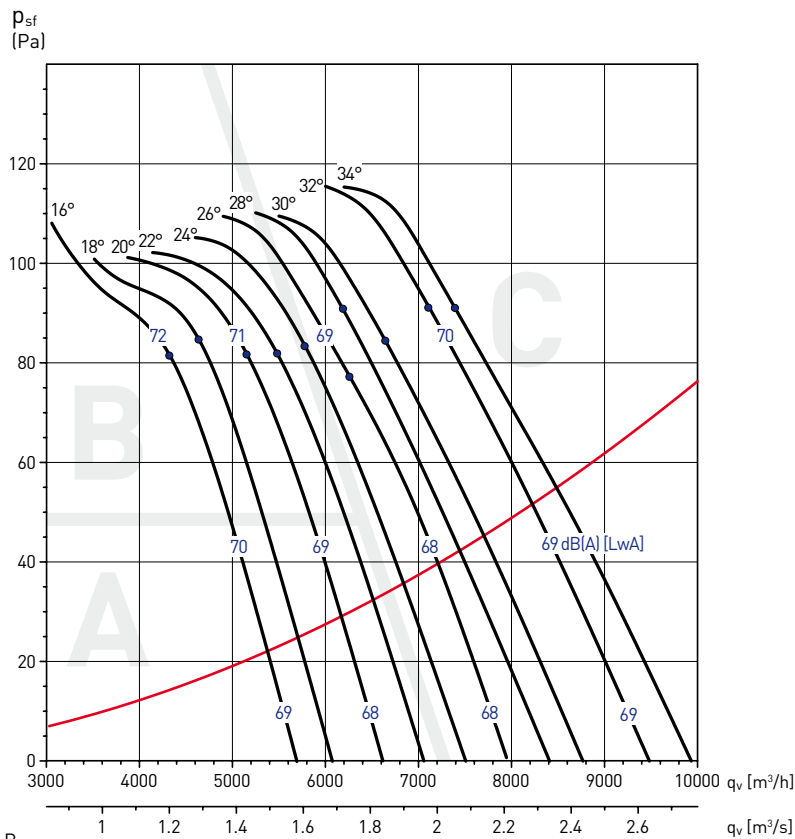
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	560
Number of blades	6

CGT/6-560-6/_°-_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°
Motor power (kW)	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,55	0,55

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

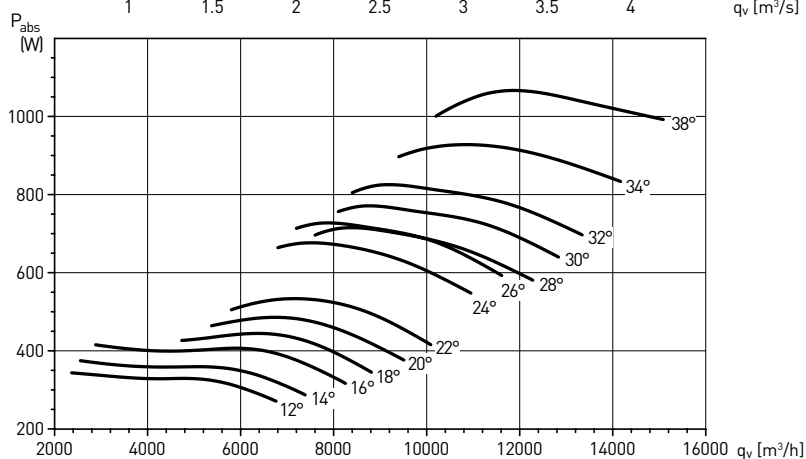
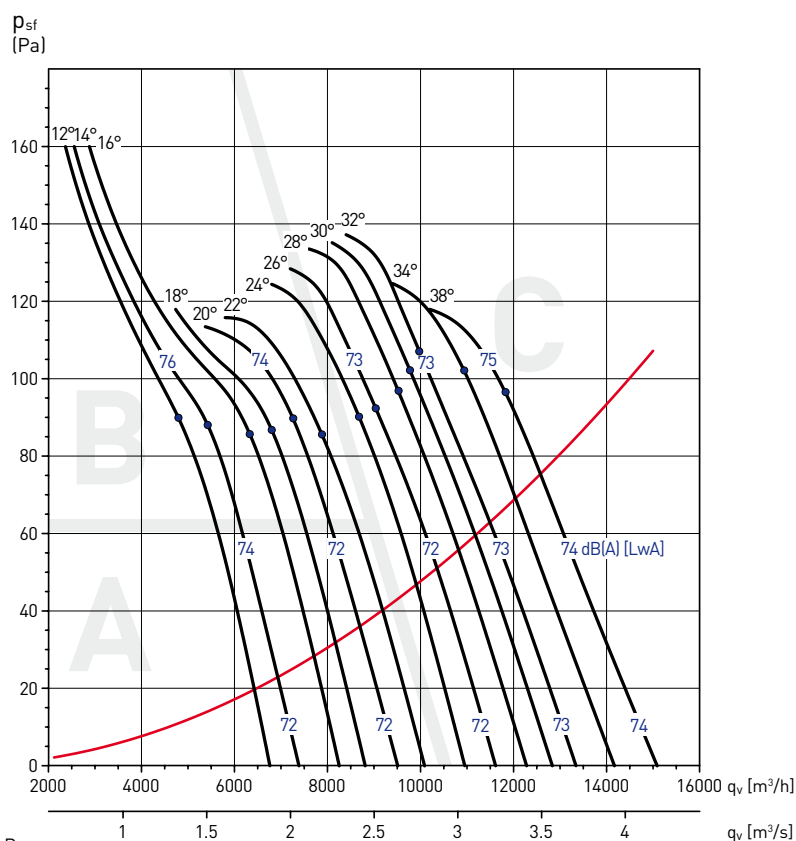
CGT

Number of poles	6
Nominal diameter (mm)	630
Number of blades	6

CGT/6-630-6/_°- kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	38°
Motor power [kW]	0,37	0,37	0,37	0,37	0,37	0,37	0,55	0,55	0,75	0,75	0,75	1,1	1,1

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

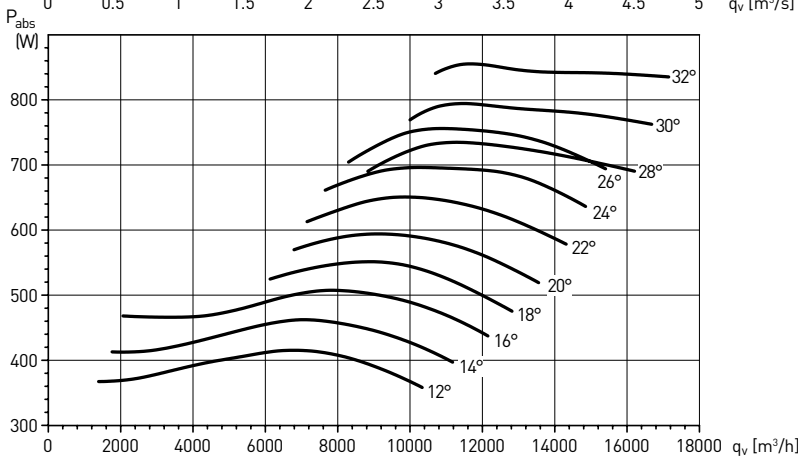
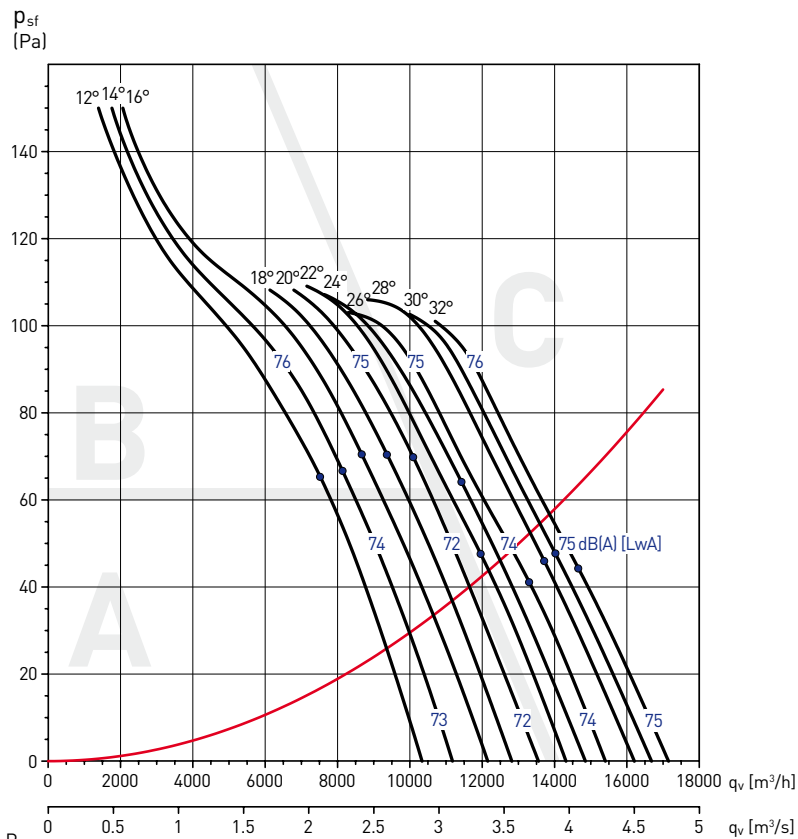
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	710
Number of blades	3

CGT/6-710-3/_°-_ kW

Hz	A	B	C
63	25	25	22
125	19	17	18
250	11	9	10
500	6	5	6
1000	4	5	4
2000	8	9	8
4000	13	14	14
8000	20	22	23

Table of correction factors for the calculation of the sound power level spectrum.



Angle	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,55	0,75	0,75	0,75

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

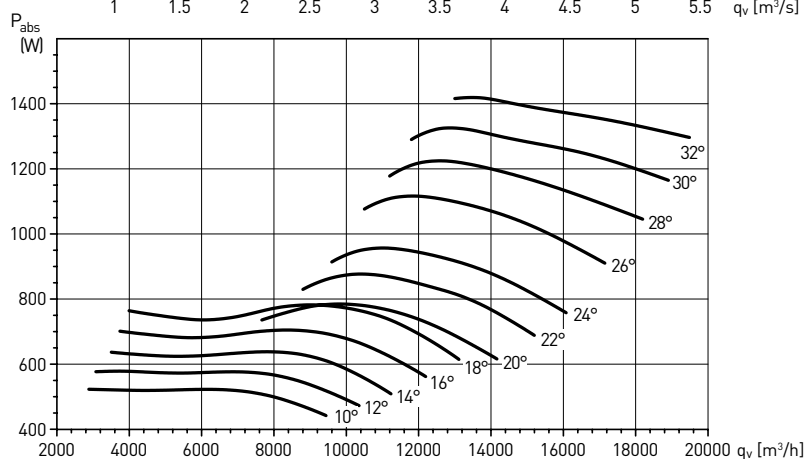
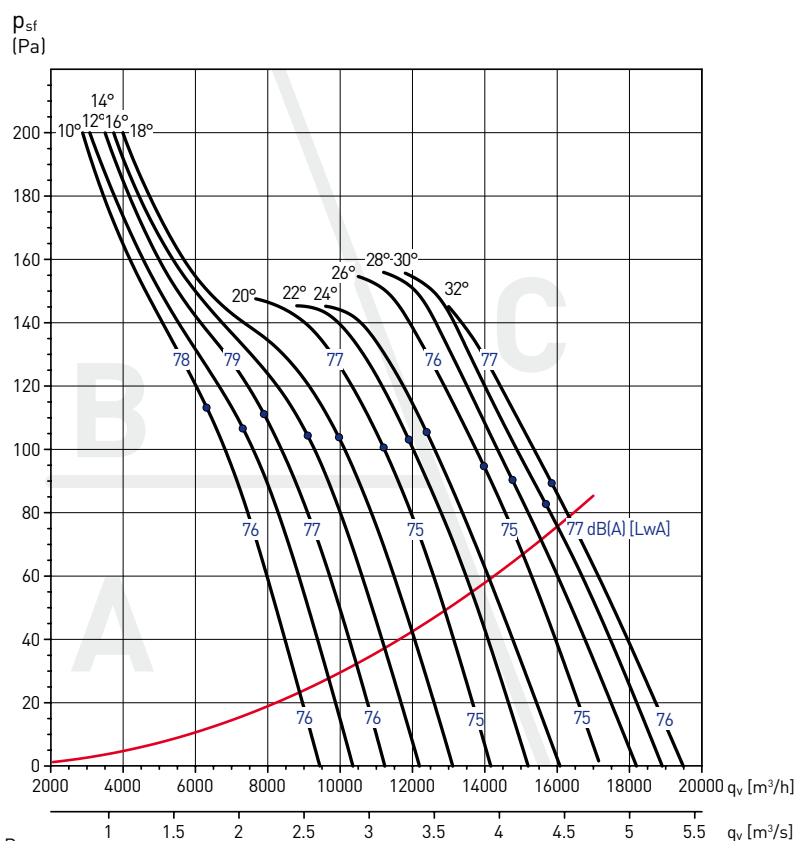
CGT

Number of poles	6
Nominal diameter (mm)	710
Number of blades	6

CGT/6-710-6/_°_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	0,55	0,55	0,55	0,55	0,55	0,75	0,75	0,75	1,1	1,1	1,1	1,1

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

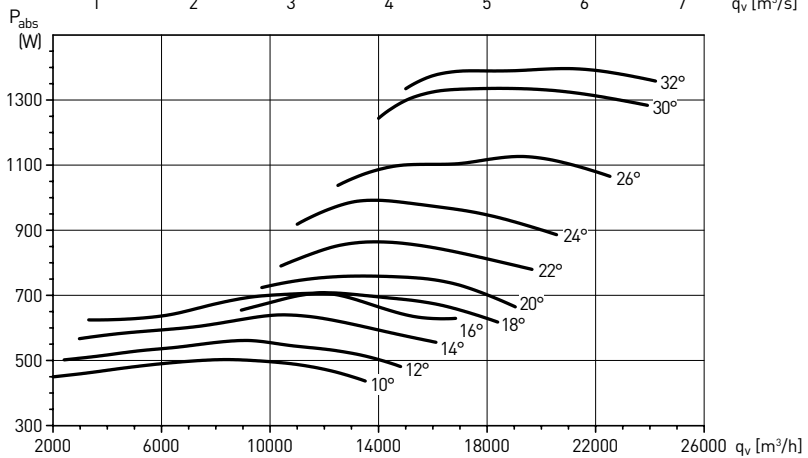
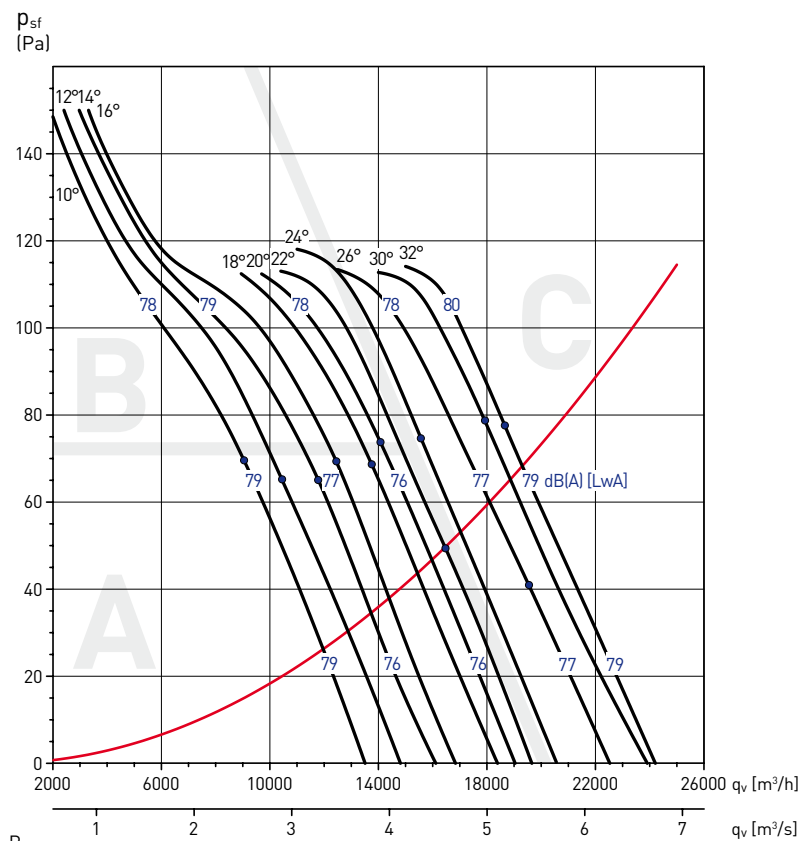
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	800
Number of blades	3

CGT/6-800-3/_°-_ kW

Hz	A	B	C
63	25	25	22
125	19	17	18
250	11	9	10
500	6	5	6
1000	4	5	4
2000	8	9	8
4000	13	14	14
8000	20	22	23

Table of correction factors for the calculation of the sound power level spectrum.



Angle	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	0,55	0,55	0,55	0,55	0,75	0,75	0,75	1,1	1,1	1,1	1,1	1,5

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

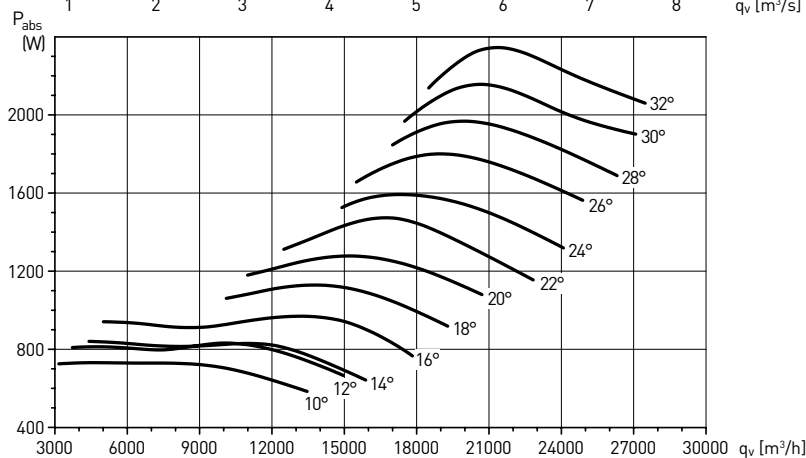
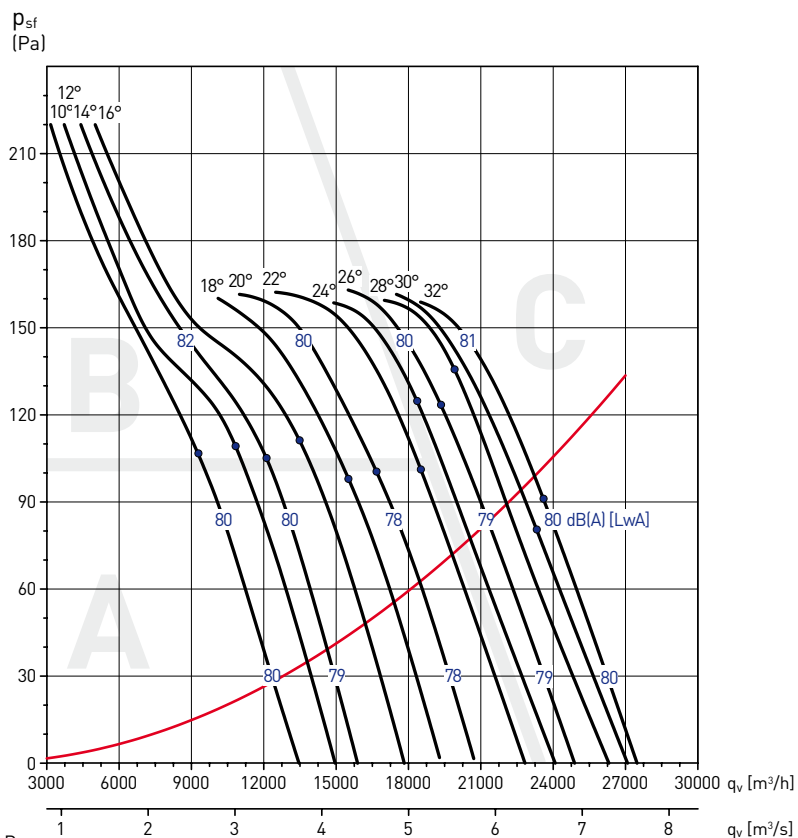
CGT

Number of poles	6
Nominal diameter (mm)	800
Number of blades	6

CGT/6-800-6/_°_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	0,55	0,55	0,75	0,75	1,1	1,1	1,5	1,5	1,5	2,2	2,2	2,2

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

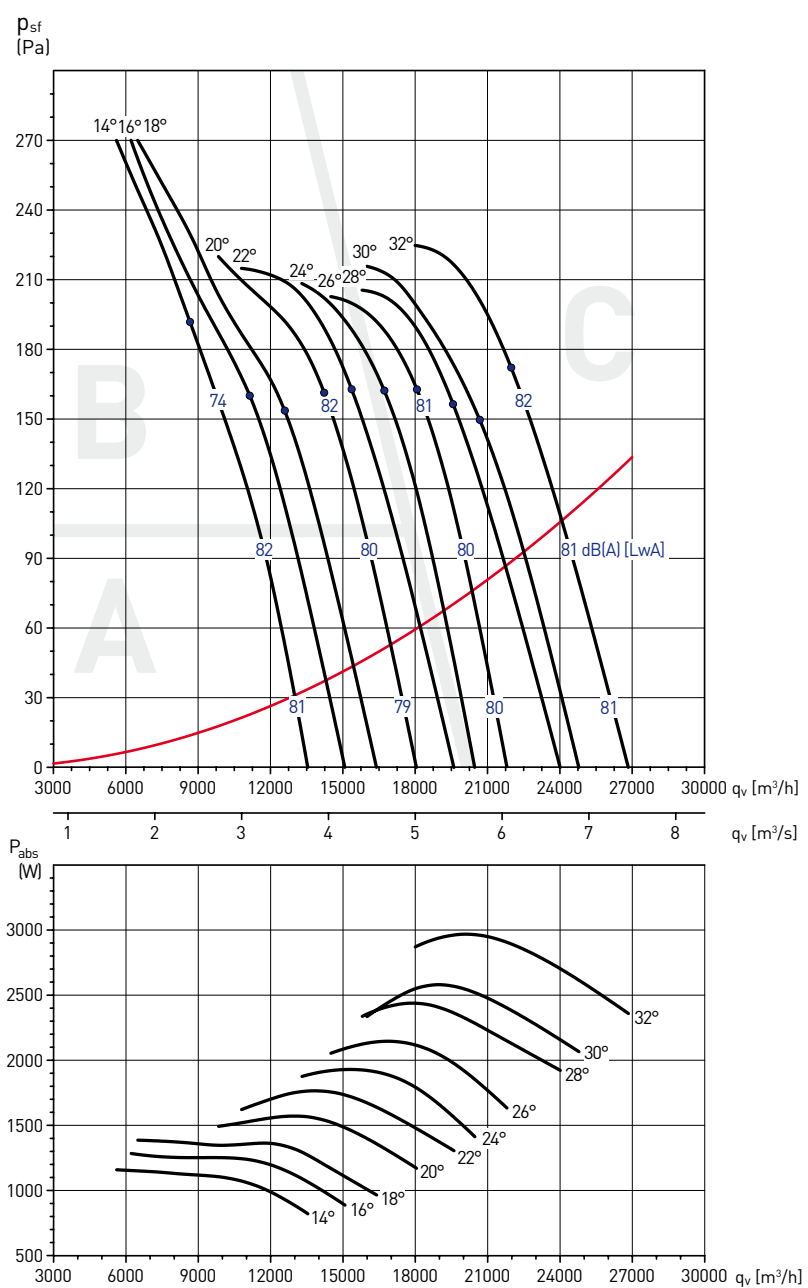
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	800
Number of blades	9

CGT/6-800-9/_°- kW

Hz	A	B	C
63	37	31	29
125	22	15	16
250	11	8	10
500	5	5	6
1000	4	5	5
2000	9	9	7
4000	14	15	11
8000	22	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power [kW]	1,1	1,1	1,5	1,5	1,5	2,2	2,2	2,2	2,2	3

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

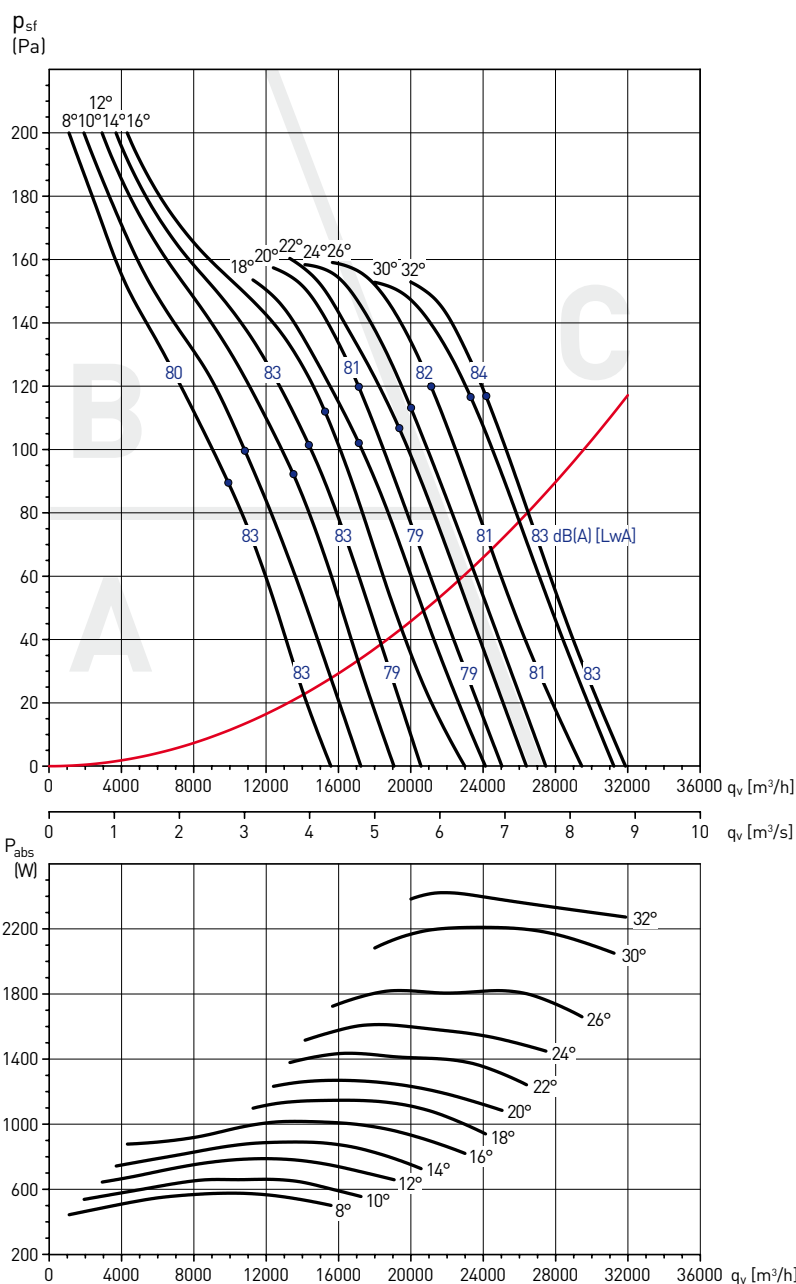
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	900
Number of blades	3

CGT/6-900-3/_°_ kW

Hz	A	B	C
63	25	25	22
125	19	17	18
250	11	9	10
500	6	5	6
1000	4	5	4
2000	8	9	8
4000	13	14	14
8000	20	22	23

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	30°	32°
Motor power [kW]	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	2,2	2,2	2,2

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

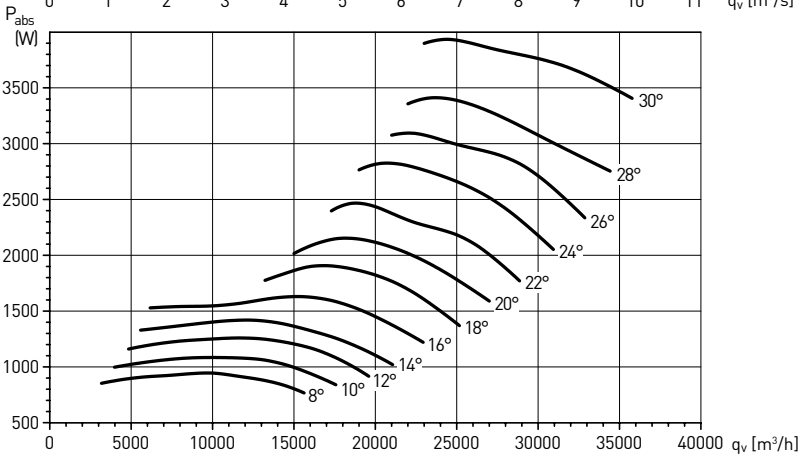
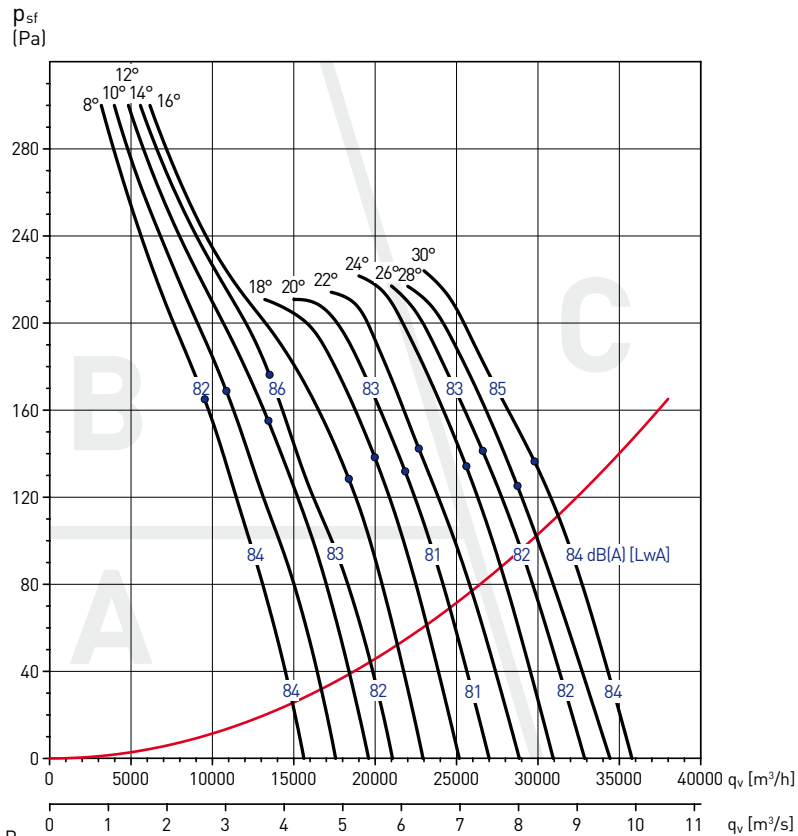
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_pA , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	900
Number of blades	6

CGT/6-900-6/_°_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°
Motor power (kW)	1,5	1,5	1,5	1,5	1,5	2,2	2,2	2,2	3	3	3	4

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

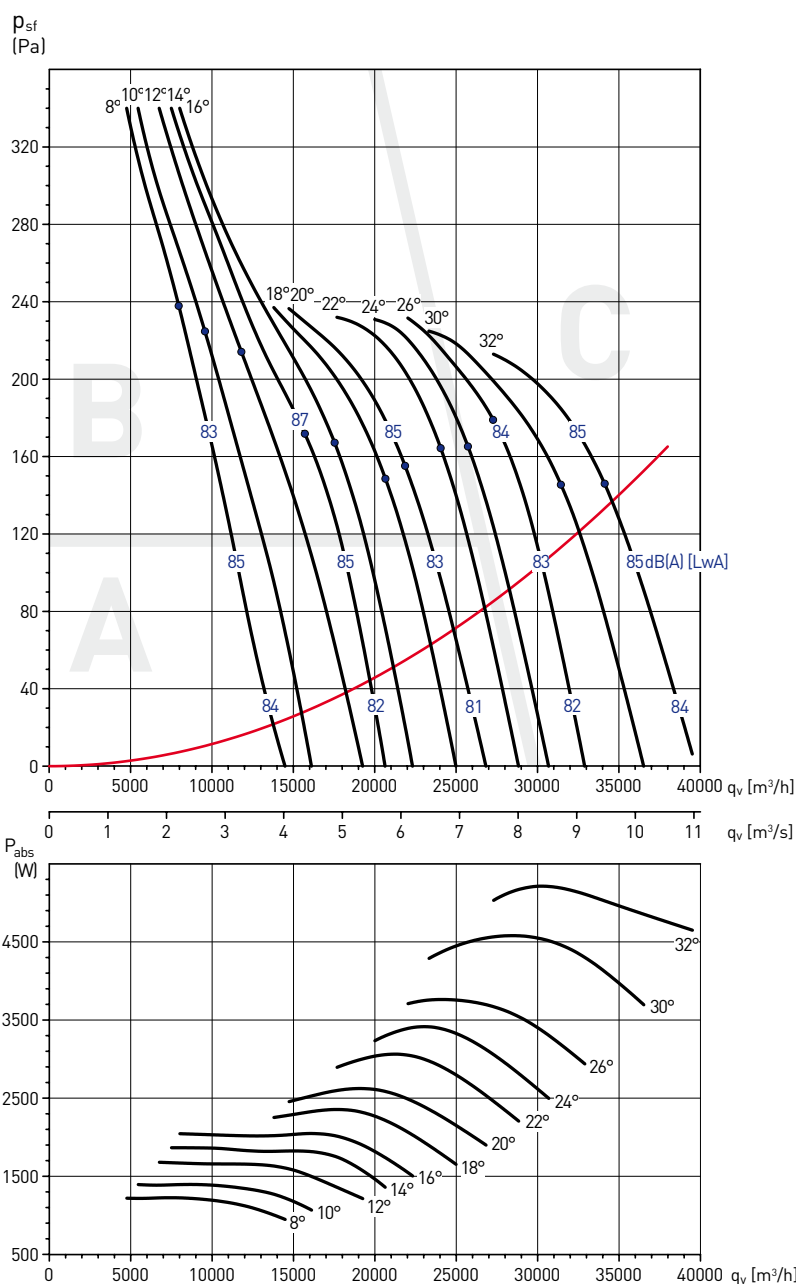
CGT

Number of poles	6
Nominal diameter (mm)	900
Number of blades	9

CGT/6-900-9/_°_ kW

Hz	A	B	C
63	37	31	29
125	22	15	16
250	11	8	10
500	5	5	6
1000	4	5	5
2000	9	9	7
4000	14	15	11
8000	22	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	30°	32°
Motor power [kW]	1,5	1,5	1,5	2,2	2,2	2,2	2,2	3	3	3	5,5	5,5

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

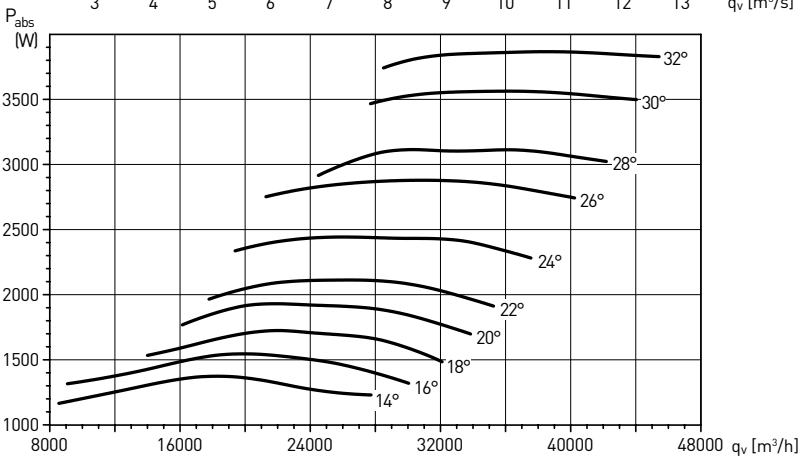
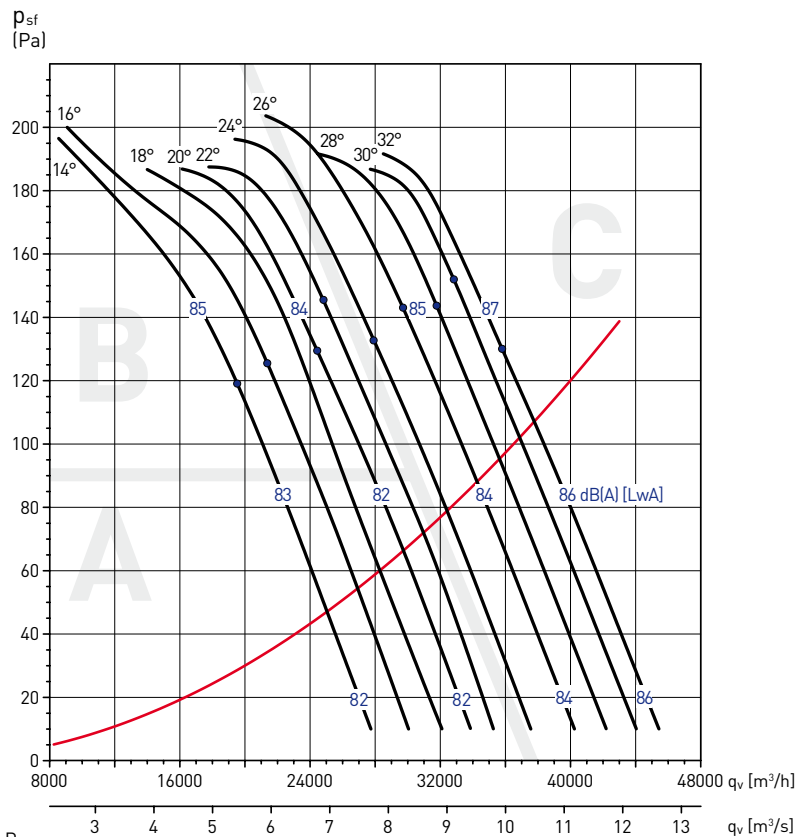
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_pA , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	1000
Number of blades	3

CGT/6-1000-3/_°-_ kW

Hz	A	B	C
63	25	25	22
125	19	17	18
250	11	9	10
500	6	5	6
1000	4	5	4
2000	8	9	8
4000	13	14	14
8000	20	22	23

Table of correction factors for the calculation of the sound power level spectrum.



Angle	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power [kW]	1,5	1,5	2,2	2,2	2,2	2,2	3	3	4	4

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

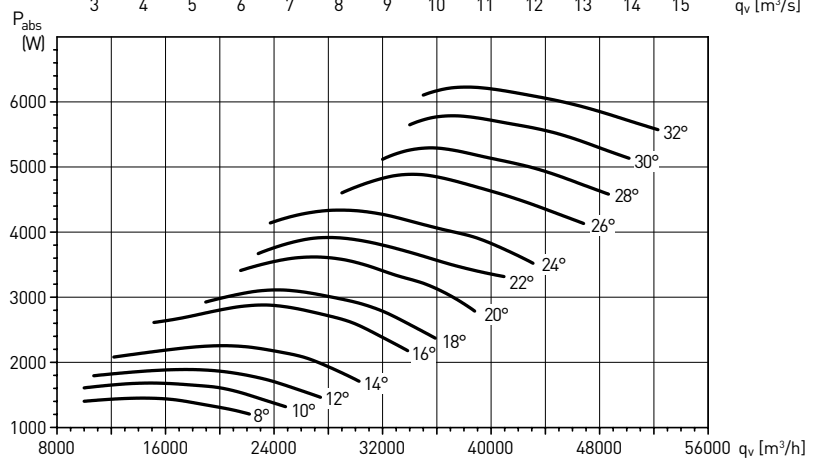
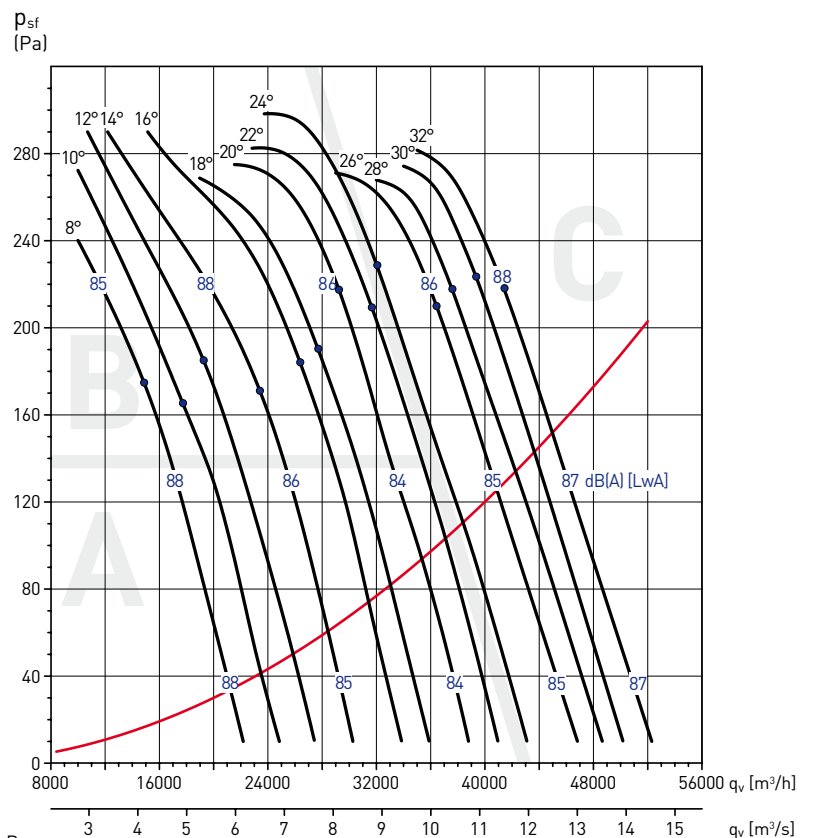
CGT

Number of poles	6
Nominal diameter (mm)	1000
Number of blades	6

CGT/6-1000-6/_°_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	1,5	1,5	2,2	2,2	3	3	3	4	4	5,5	5,5	5,5	7,5

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

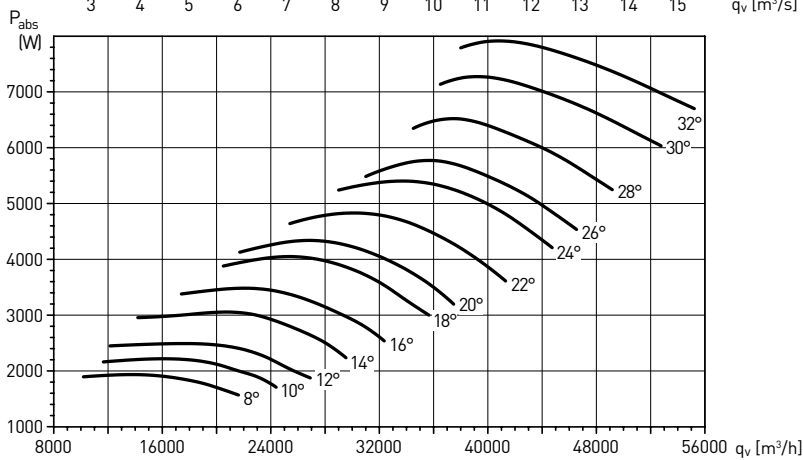
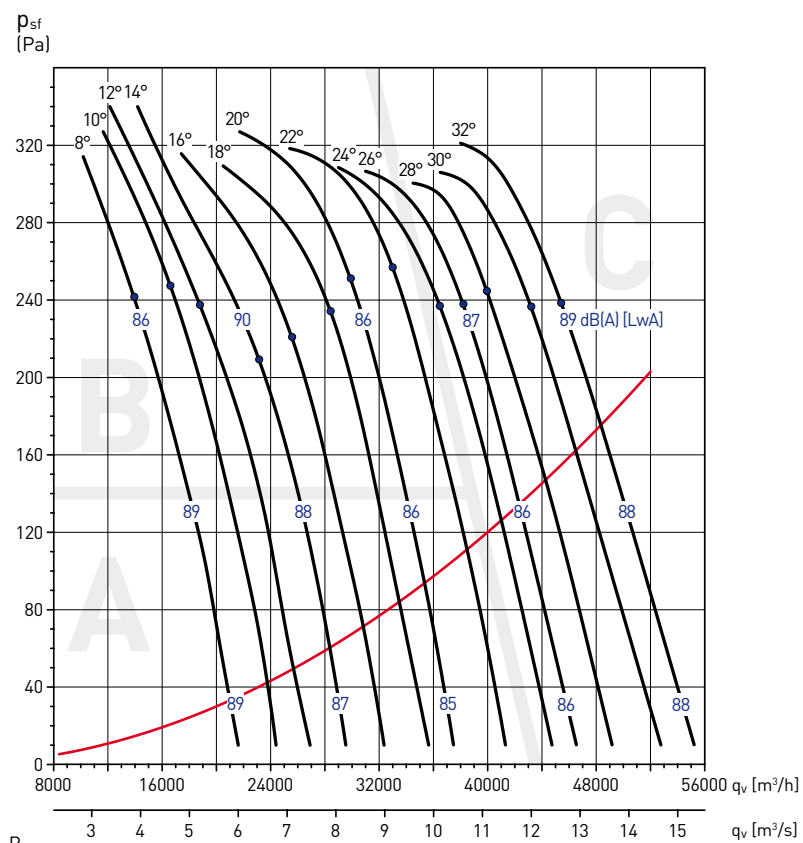
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	1000
Number of blades	9

CGT/6-1000-9/_°_ kW

Hz	A	B	C
63	37	31	29
125	22	15	16
250	11	8	10
500	5	5	6
1000	4	5	5
2000	9	9	7
4000	14	15	11
8000	22	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	2,2	2,2	2,2	3	3	4	4	5,5	5,5	5,5	5,5	7,5	7,5

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

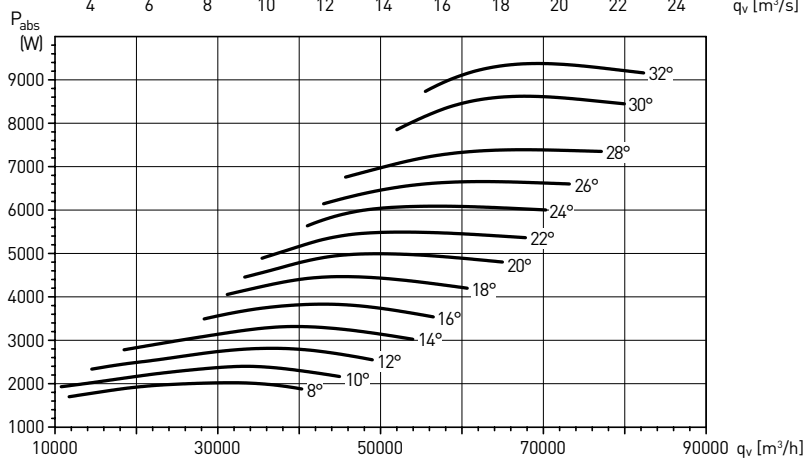
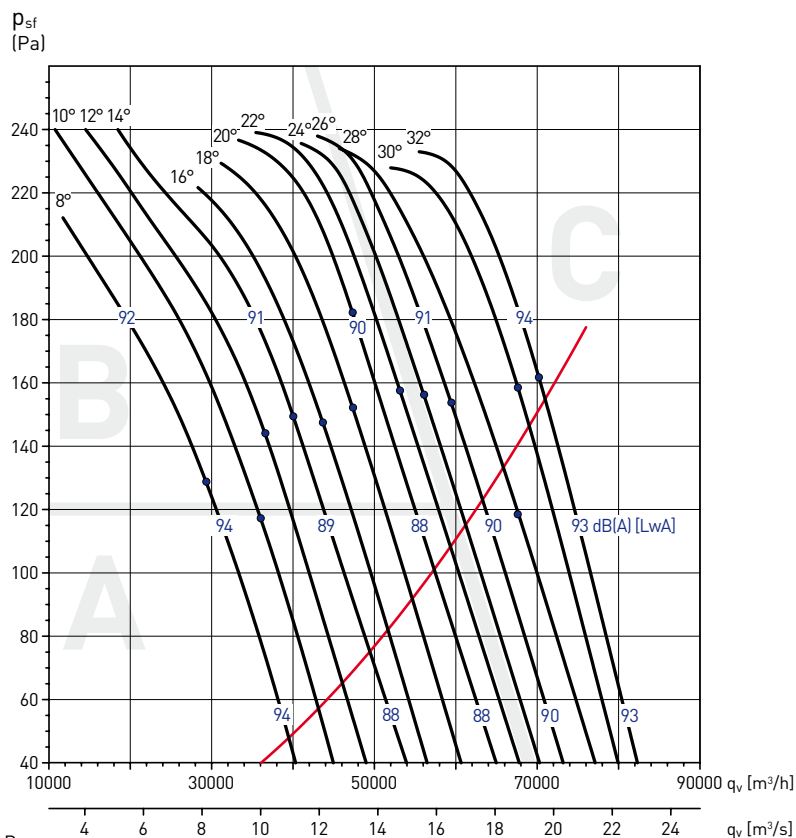
CGT

Number of poles	6
Nominal diameter (mm)	1250
Number of blades	3

CGT/6-1250-3/_°_ kW

Hz	A	B	C
63	25	25	22
125	19	17	18
250	11	9	10
500	6	5	6
1000	4	5	4
2000	8	9	8
4000	13	14	14
8000	20	22	23

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	2,2	3	3	3	4	4	5,5	5,5	5,5	7,5	7,5	11	11

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{st} : Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

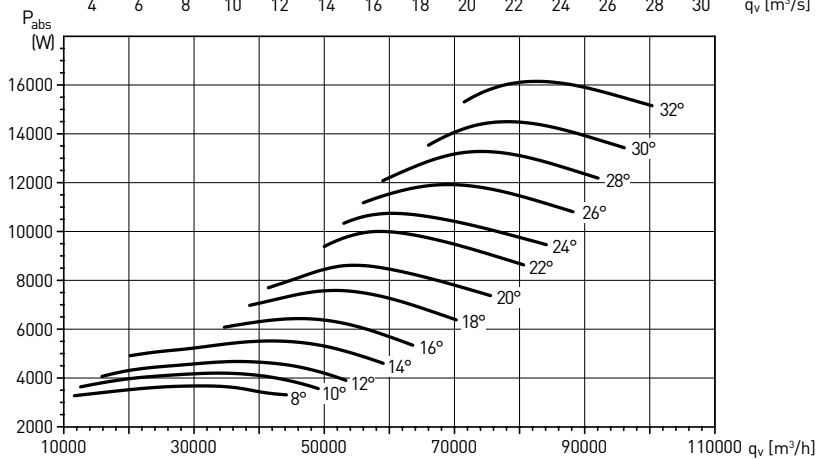
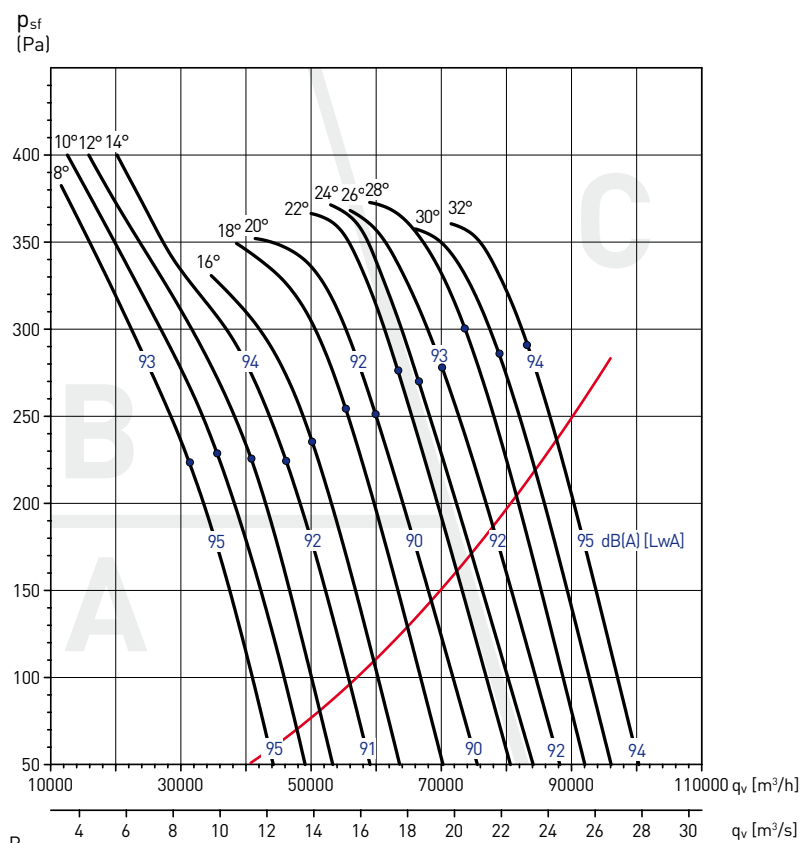
THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

CGT	
Number of poles	6
Nominal diameter (mm)	1250
Number of blades	6

CGT/6-1250-6/_°-_ kW

Hz	A	B	C
63	33	33	28
125	18	15	18
250	9	8	10
500	5	5	5
1000	5	5	5
2000	8	10	7
4000	15	16	13
8000	23	25	21

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	4	4	5,5	5,5	5,5	7,5	7,5	11	11	11	15	15	15

PERFORMANCE CURVES - 6 POLE MOTORS

- q_v : Airflow in m^3/h and m^3/s .
- p_{sf} : Static pressure in Pa.
- Dry air at $20^\circ C$ and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS L_{wA} . TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES L_{pA} , SUBTRACT REDUCTION DUE TO DISTANCE.

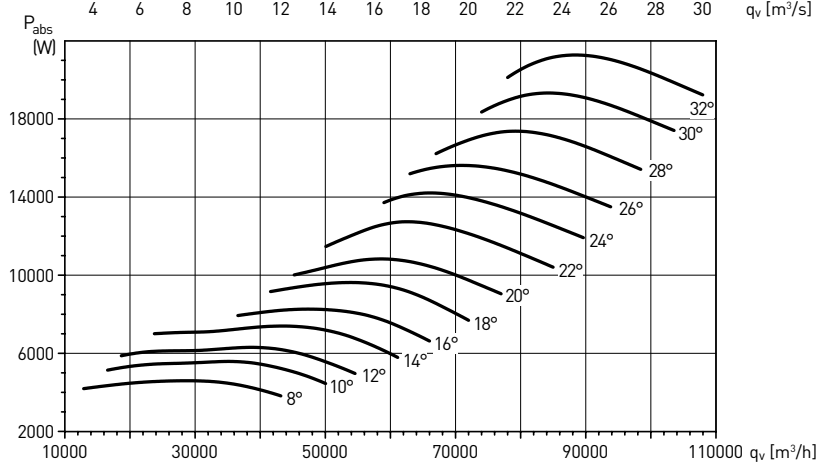
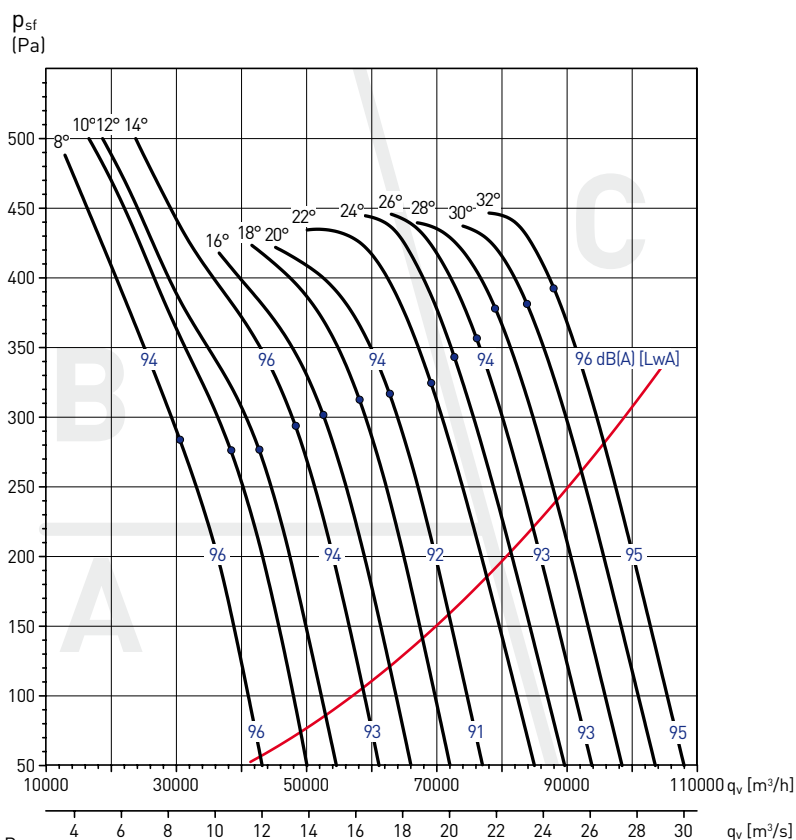
CGT

Number of poles	6
Nominal diameter (mm)	1250
Number of blades	9

CGT/6-1250-9/_°_ kW

Hz	A	B	C
63	37	31	29
125	22	15	16
250	11	8	10
500	5	5	6
1000	4	5	5
2000	9	9	7
4000	14	15	11
8000	22	23	19

Table of correction factors for the calculation of the sound power level spectrum.



Angle	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°
Motor power (kW)	5,5	5,5	5,5	7,5	7,5	11	11	15	15	15	18,5	18,5	22