

AXIAL FLOW CABINET FANS

CHGT Series

Adjustable Pitch F400-120, F300-120 and Rated Fans

CHGT

Cylindrical cased axial flow fans



Constructive configuration models from 400 to 800



Constructive configuration models from 900 to 1250



Officially approved to EN12101-3 standard (certificate number 0370-CPD-0420)



Officially approved to EN12101-3 standard (certificate number 0370-CPD-0955)

Range of adjustable pitch aerofoil blade, axial flow cabinet fans designed for smoke extraction in fire conditions and certified F400-120 and F300-120 (CE marked).

Fan casing manufactured from heavy gauge galvanised sheet steel internally lined with **25mm thickness fireproof fibreglass acoustic insulation (M0)**.

All models incorporate separate high grade die-cast 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.

F400-120 and F300-120 motors are **IP55** class H insulation.

Electrical supplies:

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

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).

A P P L I C A T I O N S



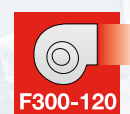
Car Parks



Industrial kitchens



F400-120

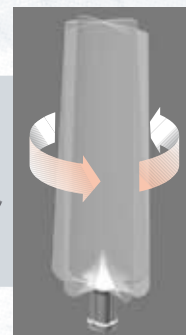


F300-120

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



Impellers with 3, 5, 6, 7 or 9 blades with adjustable pitch angles, allowing the most optimum selection to achieve with every kind of installation requirements.



Pitch angle.



Motor approved S1 and S2



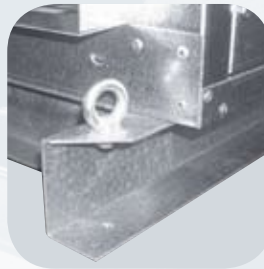
F400-120 or F300-120 certified motors approved for running continuously (S1) or for emergency operation (S2)

Corrosion resistance



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

Easy to install



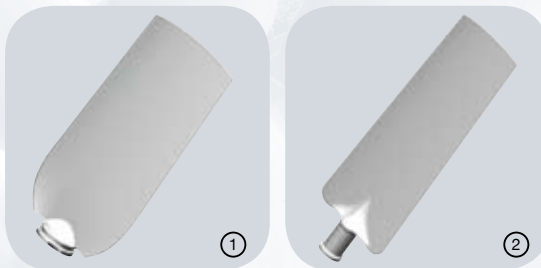
Robust base supports **facilitate the installation.**
(Models from 900 to 1250)

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 630
Configuration 2: models from 710 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 CHGT product range

MOTORS F300-120	1 SPEED	2 POLES	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	9,2						
		4 POLES	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	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22				
MOTORS F400-120	2 SPEED	2/4 POLES			1,1/0,25	1,5/0,37	2,2/0,5	3,1/0,8	4,4/1,1	6/1,5	8/2							
		4/8 POLES	0,55/0,09	0,75/0,12	1,1/0,18	1,5/0,25	2,2/0,37	3/0,55	4/0,75	5,5/1,1	7,5/1,5	11/3	14/3,5	17/4,3	20/5	28/6,5	37/9,2	44/11
		6/12 POLES	0,55/0,09	0,75/0,12	1,1/0,18	1,5/0,25	2,2/0,37	3/0,55	4/0,65	6/1,2	7,5/1,5	9/1,8	12/2,4	17,5/3,5	20/5			
MOTORS F400-120	1 SPEED	4 POLES	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	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5	11	15	18,5	22			
MOTORS F400-120	2 SPEED	4/8 POLES	0,55/0,09	0,75/0,12	1,1/0,18	1,5/0,25	2,2/0,37	3/0,55	4/0,75	5,5/1,1	7,5/1,5	11/3	14/3,5	17/4,3	20/5	28/6,5	37/9,2	44/11
		6/12 POLES	0,55/0,09	0,75/0,12	1,1/0,18	1,5/0,25	2,2/0,37	3/0,55	4/0,65	6/1,2	7,5/1,5	9/1,8	12/2,4	17,5/3,5	20/5			

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

Technical characteristics - MOTORS F300-120

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.

CHGT 1 speed models

■ Technical characteristics - 2 poles - 2950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/2-400-6/-1,1	1,1	4	2,32	61
CHGT/2-400-6/-1,5	1,5	5,2	3,05	66
CHGT/2-400-6/-2,2	2,2	8,8	4,53	68

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

■ Technical characteristics - 4 poles - 1450 rpm

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/4-400-6/-0,55	0,55	2,36	1,36	47
CHGT/4-450-6/-0,55	0,55	2,36	1,36	49
CHGT/4-500-6/-0,55	0,55	2,36	1,36	54
CHGT/4-500-6/-0,75	0,75	3,20	1,85	60
CHGT/4-500-6/-1,1	1,1	4,23	2,44	62
CHGT/4-560-6/-0,55	0,55	2,36	1,36	59
CHGT/4-560-6/-0,75	0,75	3,20	1,85	65
CHGT/4-560-6/-1,1	1,1	4,52	2,61	67
CHGT/4-560-6/-1,5	1,5	5,70	3,29	72
CHGT/4-560-6/-2,2	2,2	8,23	4,75	78
CHGT/4-630-6/-0,75	0,75	3,20	1,85	69
CHGT/4-630-6/-1,1	1,1	4,52	2,61	75
CHGT/4-630-6/-1,5	1,5	5,70	3,29	80
CHGT/4-630-6/-2,2	2,2	8,23	4,75	86
CHGT/4-630-6/-3	3	11,21	6,47	89
CHGT/4-710-3/-0,75	0,75	3,20	1,85	101
CHGT/4-710-3/-1,1	1,1	4,52	2,61	107
CHGT/4-710-3/-1,5	1,5	5,70	3,29	112
CHGT/4-710-3/-2,2	2,2	8,00	4,61	118
CHGT/4-710-3/-3	3	8,23	4,75	121
CHGT/4-710-6/-1,1	1,1	8,30	4,80	110
CHGT/4-710-6/-1,5	1,5	5,50	3,20	115
CHGT/4-710-6/-2,2	2,2	8,30	4,80	121
CHGT/4-710-6/-3	3	11,30	6,50	124
CHGT/4-710-6/-4	4	-	8,60	136
CHGT/4-800-3/-1,1	1,1	4,52	2,61	110
CHGT/4-800-3/-1,5	1,5	5,70	3,29	112
CHGT/4-800-3/-2,2	2,2	8,23	4,75	118
CHGT/4-800-3/-3	3	11,21	6,47	122
CHGT/4-800-3/-4	4	-	8,18	134
CHGT/4-800-3/-5,5	5,5	-	11,00	147
CHGT/4-800-6/-1,5	1,5	5,70	3,29	115
CHGT/4-800-6/-2,2	2,2	8,23	4,75	120
CHGT/4-800-6/-3	3	11,21	6,47	123
CHGT/4-800-6/-4	4	-	8,18	135
CHGT/4-800-6/-5,5	5,5	-	11,00	148
CHGT/4-800-6/-7,5	7,5	-	14,20	162
CHGT/4-800-9/-2,2	2,2	8,04	4,64	138
CHGT/4-800-9/-3	3	11,21	6,47	141
CHGT/4-800-9/-4	4	-	7,62	153
CHGT/4-800-9/-5,5	5,5	-	10,60	166
CHGT/4-800-9/-7,5	7,5	-	14,20	180
CHGT/4-800-9/-11	11	-	22,10	207

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	
CHGT/2-450-6/-1,5	1,5	5,2	3,05	68
CHGT/2-450-6/-2,2	2,2	8,8	4,53	70
CHGT/2-450-6/-3	3	11,1	5,81	78

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/4-900-6/-3	3	11,21	6,47	180
CHGT/4-900-6/-4	4	-	8,18	188
CHGT/4-900-6/-5,5	5,5	-	11,00	201
CHGT/4-900-6/-7,5	7,5	-	14,20	215
CHGT/4-900-6/-11	11	-	22,10	242
CHGT/4-900-6/-15	15	-	29,10	270

CHGT/4-900-9/-4	4	-	9,5	181
CHGT/4-900-9/-5,5	5,5	-	12,5	194
CHGT/4-900-9/-7,5	7,5	-	16	208
CHGT/4-900-9/-11	11	-	22,10	235
CHGT/4-900-9/-15	15	-	29,10	263
CHGT/4-900-9/-18,5	18,5	-	35,10	311

CHGT/4-1000-6/-4	4	-	8,18	175
CHGT/4-1000-6/-5,5	5,5	-	11,00	188
CHGT/4-1000-6/-7,5	7,5	-	14,20	202
CHGT/4-1000-6/-11	11	-	22,10	229
CHGT/4-1000-6/-15	15	-	29,10	257
CHGT/4-1000-6/-18,5	18,5	-	35,10	305
CHGT/4-1000-6/-22	22	-	41,00	306
CHGT/4-1000-9/-22	22	-	41,00	311

CHGT/4-1000-9/-5,5	5,5	-	11,00	193
CHGT/4-1000-9/-7,5	7,5	-	14,20	207
CHGT/4-1000-9/-11	11	-	22,10	208
CHGT/4-1000-9/-15	15	-	29,10	262
CHGT/4-1000-9/-18,5	18,5	-	35,10	310

CHGT/4-1250-6/-15	15	-	29,10	414
CHGT/4-1250-6/-18,5	18,5	-	35,10	462
CHGT/4-1250-6/-22	22	-	41,00	463
CHGT/4-1250-6/-30	30	-	56,00	523
CHGT/4-1250-6/-37	37	-	67,40	624
CHGT/4-1250-6/-45	45	-	81,60	670

CHGT/4-1250-9/-15	15	-	29,10	419
CHGT/4-1250-9/-18,5	18,5	-	35,10	467
CHGT/4-1250-9/-22	22	-	41,00	468
CHGT/4-1250-9/-30	30	-	56,00	528
CHGT/4-1250-9/-37	37	-	67,40	629
CHGT/4-1250-9/-45	45	-	81,60	675
CHGT/4-1250-9/-15	15	-	29,10	419
CHGT/4-1250-9/-18,5	18,5	-	35,10	467
CHGT/4-1250-9/-22	22	-	41,00	468
CHGT/4-1250-9/-30	30	-	56,00	528
CHGT/4-1250-9/-37	37	-	67,40	629
CHGT/4-1250-9/-45	45	-	81,60	675

CHGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F300-120 CHGT 1 speed models

■ Technical characteristics - 6 poles - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (Kg)	Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V				230 V	400 V	
CHGT/6-500-6/-0,55	0,55	2,79	1,61	56	CHGT/6-900-9/-1,5	1,5	6,75	3,90	165
CHGT/6-560-6/-0,55	0,55	2,79	1,61	78	CHGT/6-900-9/-2,2	2,2	9,28	5,36	173
CHGT/6-630-6/-0,55	0,55	2,79	1,61	85	CHGT/6-900-9/-3	3	11,81	6,82	190
CHGT/6-630-6/-0,75	0,75	3,27	1,89	89	CHGT/6-900-9/-4	4	-	9,20	196
CHGT/6-630-6/-1,1	1,1	5,27	3,04	92	CHGT/6-900-9/-5,5	5,5	-	13,00	206
CHGT/6-710-3/-0,55	0,55	2,79	1,61	98	CHGT/6-1000-6/-1,5	1,5	6,75	3,90	159
CHGT/6-710-3/-0,75	0,75	3,27	1,89	102	CHGT/6-1000-6/-2,2	2,2	9,28	5,36	167
CHGT/6-710-6/-0,55	0,55	2,90	1,70	101	CHGT/6-1000-6/-3	3	11,81	6,82	184
CHGT/6-710-6/-0,75	0,75	4,20	2,40	105	CHGT/6-1000-6/-4	4	-	9,20	190
CHGT/6-710-6/-1,1	1,1	4,90	2,82	108	CHGT/6-1000-6/-5,5	5,5	-	13,00	200
CHGT/6-800-3/-0,55	0,55	2,79	1,61	104	CHGT/6-1000-6/-7,5	7,5	-	15,00	233
CHGT/6-800-3/-0,75	0,75	3,27	1,89	108	CHGT/6-1000-9/-2,2	2,2	9,28	5,36	172
CHGT/6-800-3/-1,1	1,1	5,27	3,04	111	CHGT/6-1000-9/-3	3	11,81	6,82	189
CHGT/6-800-3/-1,5	1,5	6,75	3,90	115	CHGT/6-1000-9/-4	4	-	9,20	195
CHGT/6-800-6/-0,55	0,55	2,79	1,61	107	CHGT/6-1000-9/-5,5	5,5	-	13,00	205
CHGT/6-800-6/-0,75	0,75	3,27	1,89	111	CHGT/6-1000-9/-7,5	7,5	-	15,00	238
CHGT/6-800-6/-1,1	1,1	5,27	3,04	114	CHGT/6-1250-6/-4	4	-	9,20	347
CHGT/6-800-6/-1,5	1,5	6,75	3,90	118	CHGT/6-1250-6/-5,5	5,5	-	13,00	357
CHGT/6-800-6/-2,2	2,2	9,28	5,36	126	CHGT/6-1250-6/-7,5	7,5	-	15,00	390
CHGT/6-800-9/-0,75	0,75	3,60	2,08	115	CHGT/6-1250-6/-11	11	-	21,70	415
CHGT/6-800-9/-1,1	1,1	5,07	2,93	118	CHGT/6-1250-6/-15	15	-	27,60	453
CHGT/6-800-9/-1,5	1,5	6,55	3,78	122	CHGT/6-1250-9/-5,5	5,5	-	13,00	362
CHGT/6-800-9/-2,2	2,2	9,28	5,36	130	CHGT/6-1250-9/-7,5	7,5	-	15,00	395
CHGT/6-800-9/-3	3	11,81	6,82	147	CHGT/6-1250-9/-11	11	-	21,70	420
CHGT/6-900-6/-1,5	1,5	6,75	3,90	161	CHGT/6-1250-9/-15	15	-	27,60	458
CHGT/6-900-6/-2,2	2,2	9,28	5,36	169	CHGT/6-1250-9/-18,5	18,5	-	36,10	508
CHGT/6-900-6/-3	3	11,81	6,82	186	CHGT/6-1250-9/-22	22	-	41,40	530
CHGT/6-900-6/-4	4	-	9,20	192					

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

CHGT 2 speed models

■ Technical characteristics - 2/4 poles - 2950/1450 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)	Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V1	V2	V1	V2			V1	V2	V1	V2	
CHGT/2/4-400-6/-1,1/0,25	1,1	0,25	2,08	0,6	62	CHGT/2/4-450-6/-1,5/0,37	1,5	0,37	3,78	1,25	69
CHGT/2/4-400-6/-1,5/0,37	1,5	0,37	3,78	1,25	67	CHGT/2/4-450-6/-2,2/0,5	2,2	0,5	4,91	1,65	71
CHGT/2/4-400-6/-2,2/0,5	2,2	0,5	4,91	1,65	69	CHGT/2/4-450-6/-3,1/0,8	3,1	0,8	6,33	2,21	82

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





Technical characteristics - MOTORS F300-120 CHGT 2 speed models

■ Technical characteristics - 4/8 poles - 1450/730 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)	Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V1	V2	V1	V2			V1	V2	V1	V2	
CHGT/4/8-400-6/-0,55/0,09	0,55	0,09	1,7	0,65	47	CHGT/4/8-800-6/-1,5/0,25	1,5	0,25	3,65	1,6	122
CHGT/4/8-450-6/-0,55/0,09	0,55	0,09	1,7	0,65	49	CHGT/4/8-800-6/-2,2/0,37	2,2	0,37	4,7	1,66	130
CHGT/4/8-500-6/-0,55/0,09	0,55	0,09	1,7	0,65	54	CHGT/4/8-800-6/-3/0,55	3	0,55	6,29	2,35	131
CHGT/4/8-500-6/-0,75/0,12	0,75	0,12	1,86	0,84	60	CHGT/4/8-800-6/-4/0,75	4	0,75	8,44	2,25	138
CHGT/4/8-500-6/-1,1/0,18	1,1	0,18	2,73	1,21	62	CHGT/4/8-800-6/-5,5/1,1	5,5	1,1	11,7	3,7	160
CHGT/4/8-560-6/-0,55/0,09	0,55	0,09	1,7	0,65	59	CHGT/4/8-800-6/-7,5/1,5	7,5	1,5	15,9	4,72	173
CHGT/4/8-560-6/-0,75/0,12	0,75	0,12	1,86	0,84	65	CHGT/4/8-800-9/-2,2/0,37	2,2	0,37	4,7	1,66	134
CHGT/4/8-560-6/-1,1/0,18	1,1	0,18	2,73	1,21	83	CHGT/4/8-800-9/-3/0,55	3	0,55	6,29	2,35	135
CHGT/4/8-560-6/-1,5/0,25	1,5	0,25	3,65	1,6	93	CHGT/4/8-800-9/-4/0,75	4	0,75	8,44	2,25	142
CHGT/4/8-560-6/-2,2/0,37	2,2	0,37	4,7	1,66	101	CHGT/4/8-800-9/-5,5/1,1	5,5	1,1	11,7	3,7	164
CHGT/4/8-630-6/-0,75/0,12	0,75	0,12	1,86	0,84	72	CHGT/4/8-800-9/-7,5/1,5	7,5	1,5	15,9	4,72	177
CHGT/4/8-630-6/-1,1/0,18	1,1	0,18	2,73	1,21	90	CHGT/4/8-900-6/-3/0,55	3	0,55	6,29	2,35	174
CHGT/4/8-630-6/-1,5/0,25	1,5	0,25	3,65	1,6	100	CHGT/4/8-900-6/-4/0,75	4	0,75	8,44	2,25	181
CHGT/4/8-630-6/-2,2/0,37	2,2	0,37	4,7	1,66	108	CHGT/4/8-900-6/-5,5/1,1	5,5	1,1	11,7	3,7	203
CHGT/4/8-630-6/-3/0,55	3	0,55	6,29	2,35	109	CHGT/4/8-900-6/-7,5/1,5	7,5	1,5	15,9	4,72	216
CHGT/4/8-710-3/-0,75/0,12	0,75	0,12	1,86	0,84	101	CHGT/4/8-900-6/-11/3	11	3	21	7	249
CHGT/4/8-710-3/-1,1/0,18	1,1	0,18	2,73	1,21	103	CHGT/4/8-900-6/-14/3,5	14	3,5	26,5	8,45	269
CHGT/4/8-710-3/-1,5/0,25	1,5	0,25	3,65	1,6	113	CHGT/4/8-900-9/-4/0,75	4	0,75	8,44	2,25	185
CHGT/4/8-710-3/-2,2/0,37	2,2	0,37	4,7	1,66	120	CHGT/4/8-900-9/-5,5/1,1	5,5	1,1	11,7	3,7	207
CHGT/4/8-710-3/-3/0,55	3	0,55	6,29	2,35	121	CHGT/4/8-900-9/-7,5/1,5	7,5	1,5	15,9	4,72	220
CHGT/4/8-710-6/-1,1/0,18	1,1	0,18	2,73	1,21	106	CHGT/4/8-900-9/-11/3	11	3	21	7	253
CHGT/4/8-710-6/-1,5/0,25	1,5	0,25	3,65	1,6	116	CHGT/4/8-900-9/-14/3,5	14	3,5	26,5	8,45	273
CHGT/4/8-710-6/-2,2/0,37	2,2	0,37	4,7	1,66	123	CHGT/4/8-900-9/-17/4,3	17	4,3	33,4	12,3	301
CHGT/4/8-710-6/-3/0,55	3	0,55	6,29	2,35	124	CHGT/4/8-1000-6/-4/0,75	4	0,75	8,44	2,25	179
CHGT/4/8-710-6/-4/0,75	4	0,75	8,44	2,55	131						
CHGT/4/8-800-3/-1,1/0,18	1,1	0,18	2,73	1,21	109						
CHGT/4/8-800-3/-1,5/0,25	1,5	0,25	3,65	1,6	119						
CHGT/4/8-800-3/-2,2/0,37	2,2	0,37	4,7	1,66	127						
CHGT/4/8-800-3/-3/0,55	3	0,55	6,29	2,35	128						
CHGT/4/8-800-3/-4/0,75	4	0,75	8,44	2,25	135						
CHGT/4/8-800-3/-5,5/1,1	5,5	1,1	11,7	3,7	157						

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

CHGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F300-120 CHGT 2 speed models

■ Technical characteristics - 6/12 poles - 950/475 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)	Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V1	V2	V1	V2			V1	V2	V1	V2	
CHGT/6/12-500-6/-0,55/0,09	0,55	0,09	2,07	0,94	62	CHGT/6/12-900-9/-1,5/0,25	1,5	0,25	4,24	1,67	185
CHGT/6/12-560-6/-0,55/0,09	0,55	0,09	2,07	0,94	84	CHGT/6/12-900-9/-2,2/0,37	2,2	0,37	5,9	2,3	195
CHGT/6/12-630-6/-0,55/0,09	0,55	0,09	2,07	0,94	91	CHGT/6/12-900-9/-3/0,55	3	0,55	8,87	3,80	220
CHGT/6/12-630-6/-0,75/0,12	0,75	0,12	2,28	1,02	93	CHGT/6/12-900-9/-4/0,65	4	0,65	10	3,5	206
CHGT/6/12-630-6/-1,1/0,18	1,1	0,18	4,49	1,67	105	CHGT/6/12-900-9/-6/1,2	6	1,2	14,4	5,5	262
CHGT/6/12-710-3/-0,55/0,09	0,55	0,09	2,07	0,94	104	CHGT/6/12-1000-6/-1,5/0,25	1,5	0,25	4,24	1,67	171
CHGT/6/12-710-3/-0,75/0,12	0,75	0,12	2,28	1,02	106	CHGT/6/12-1000-6/-2,2/0,37	2,2	0,37	5,9	2,3	172
CHGT/6/12-710-6/-0,55/0,09	0,55	0,09	2,07	0,94	107	CHGT/6/12-1000-6/-3/0,55	3	0,55	8,87	3,80	209
CHGT/6/12-710-6/-0,75/0,12	0,75	0,12	2,28	1,02	109	CHGT/6/12-1000-6/-4/0,65	4	0,65	9,31	2,94	209
CHGT/6/12-710-6/-1,1/0,18	1,1	0,18	4,49	1,67	121	CHGT/6/12-1000-6/-6/1,2	6	1,2	13,40	5,58	256
CHGT/6/12-800-3/-0,55/0,09	0,55	0,09	2,07	0,94	110	CHGT/6/12-1000-9/-2,2/0,37	2,2	0,37	5,73	2,18	177
CHGT/6/12-800-3/-0,75/0,12	0,75	0,12	2,28	1,02	112	CHGT/6/12-1000-9/-3/0,55	3	0,55	8,87	3,80	214
CHGT/6/12-800-3/-1,1/0,18	1,1	0,18	4,49	1,67	124	CHGT/6/12-1000-9/-4/0,65	4	0,65	9,31	2,94	214
CHGT/6/12-800-3/-1,5/0,25	1,5	0,25	4,24	1,67	127	CHGT/6/12-1000-9/-6/1,2	6	1,2	13,40	5,58	261
CHGT/6/12-800-6/-0,55/0,09	0,55	0,09	2,07	0,94	107	CHGT/6/12-1000-9/-7,5/1,5	7,5	1,5	16,40	6,49	268
CHGT/6/12-800-6/-0,75/0,12	0,75	0,12	2,28	1,02	115	CHGT/6/12-1250-6/-4/0,65	4	0,65	9,31	2,94	365
CHGT/6/12-800-6/-1,1/0,18	1,1	0,18	4,49	1,67	127	CHGT/6/12-1250-6/-6/1,2	6	1,2	13,40	5,58	413
CHGT/6/12-800-6/-1,5/0,25	1,5	0,25	4,24	1,67	130	CHGT/6/12-1250-6/-7,5/1,5	7,5	1,5	16,40	6,49	390
CHGT/6/12-800-6/-2,2/0,37	2,2	0,37	5,9	2,3	131	CHGT/6/12-1250-6/-9/1,8	9	1,8	18,90	7,08	445
CHGT/6/12-800-9/-0,75/0,12	0,75	0,12	2,28	1,02	119	CHGT/6/12-1250-6/-12/2,4	12	2,4	23,40	8,07	506
CHGT/6/12-800-9/-1,1/0,18	1,1	0,18	4,49	1,67	131	CHGT/6/12-1250-6/-17,5/3,5	17,5	3,5	40	14,5	538
CHGT/6/12-800-9/-1,5/0,25	1,5	0,25	4,24	1,67	134	CHGT/6/12-1250-9/-6/1,2	6	1,2	13,40	5,58	418
CHGT/6/12-800-9/-2,2/0,37	2,2	0,37	5,9	2,3	135	CHGT/6/12-1250-9/-7,5/1,5	7,5	1,5	16,40	6,49	450
CHGT/6/12-800-9/-3/0,55	3	0,55	8,87	3,80	147	CHGT/6/12-1250-9/-9/1,8	9	1,8	18,90	7,08	458
CHGT/6/12-900-6/-1,1/0,18	1,1	0,18	4,49	1,67	174	CHGT/6/12-1250-9/-12/2,4	12	2,4	23,40	8,07	511
CHGT/6/12-900-6/-1,5/0,25	1,5	0,25	4,24	1,67	181	CHGT/6/12-1250-9/-17,5/3,5	17,5	3,5	40	14,5	542
CHGT/6/12-900-6/-2,2/0,37	2,2	0,37	5,9	2,3	191	CHGT/6/12-1250-9/-20/5	20	5	54,2	23,5	564
CHGT/6/12-900-6/-3/0,55	3	0,55	8,87	3,80	216						
CHGT/6/12-900-6/-4/0,65	4	0,65	10	3,5	210						

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



Tecnical characteristics - MOTORS F400-120

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.

CHGT 1 speed models

■ Technical characteristics - 4 poles - 1450 rpm

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/4-400-6/-0,55	0,55	2,36	1,36	36
CHGT/4-450-6/-0,55	0,55	2,36	1,36	38
CHGT/4-500-6/-0,55	0,55	2,36	1,36	43
CHGT/4-500-6/-0,75	0,75	3,20	1,85	49
CHGT/4-500-6/-1,1	1,1	4,23	2,44	51
CHGT/4-560-6/-0,55	0,55	2,36	1,36	45
CHGT/4-560-6/-0,75	0,75	3,20	1,85	51
CHGT/4-560-6/-1,1	1,1	4,52	2,61	53
CHGT/4-560-6/-1,5	1,5	5,70	3,29	58
CHGT/4-560-6/-2,2	2,2	8,23	4,75	64
CHGT/4-630-6/-0,75	0,75	3,20	1,85	53
CHGT/4-630-6/-1,1	1,1	4,52	2,61	59
CHGT/4-630-6/-1,5	1,5	5,70	3,29	64
CHGT/4-630-6/-2,2	2,2	8,23	4,75	70
CHGT/4-630-6/-3	3	11,21	6,47	73
CHGT/4-710-5/-1,1	1,1	4,52	2,61	84
CHGT/4-710-5/-1,5	1,5	5,70	3,29	85
CHGT/4-710-7/-2,2	2,2	8,23	4,75	91
CHGT/4-710-7/-3	3	11,21	6,47	94
CHGT/4-710-7/-4	4	-	8,18	107
CHGT/4-710-7/-5,5	5,5	-	11,00	120
CHGT/4-800-3/-1,1	1,1	4,52	2,61	89
CHGT/4-800-3/-1,5	1,5	5,70	3,29	91
CHGT/4-800-3/-2,2	2,2	8,23	4,75	97
CHGT/4-800-3/-3	3	11,21	6,47	101
CHGT/4-800-3/-4	4	-	8,18	113
CHGT/4-800-3/-5,5	5,5	-	11,00	126
CHGT/4-800-6/-1,5	1,5	5,70	3,29	94
CHGT/4-800-6/-2,2	2,2	8,23	4,75	99
CHGT/4-800-6/-3	3	11,21	6,47	102
CHGT/4-800-6/-4	4	-	8,18	114
CHGT/4-800-6/-5,5	5,5	-	11,00	127
CHGT/4-800-6/-7,5	7,5	-	14,20	141
CHGT/4-800-9/-2,2	2,2	8,04	4,64	117
CHGT/4-800-9/-3	3	11,21	6,47	120
CHGT/4-800-9/-4	4	-	7,62	132
CHGT/4-800-9/-5,5	5,5	-	10,60	145
CHGT/4-800-9/-7,5	7,5	-	14,20	159

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/4-900-6/-3	3	11,21	6,47	180
CHGT/4-900-6/-4	4	-	8,18	188
CHGT/4-900-6/-5,5	5,5	-	11,00	201
CHGT/4-900-6/-7,5	7,5	-	14,20	215
CHGT/4-900-6/-11	11	-	22,10	242
CHGT/4-900-6/-15	15	-	29,10	270
CHGT/4-900-9/-4	4	-	9,50	181
CHGT/4-900-9/-5,5	5,5	-	12,50	194
CHGT/4-900-9/-7,5	7,5	-	16,00	208
CHGT/4-900-9/-11	11	-	22,10	235
CHGT/4-900-9/-15	15	-	29,10	263
CHGT/4-900-9/-18,5	18,5	-	35,10	311
CHGT/4-1000-6/-4	4	-	8,18	175
CHGT/4-1000-6/-5,5	5,5	-	11,00	188
CHGT/4-1000-6/-7,5	7,5	-	14,20	202
CHGT/4-1000-6/-11	11	-	22,10	229
CHGT/4-1000-6/-15	15	-	29,10	257
CHGT/4-1000-6/-18,5	18,5	-	35,10	305
CHGT/4-1000-6/-22	22	-	41,00	306
CHGT/4-1000-9/-5,5	5,5	-	11,00	193
CHGT/4-1000-9/-7,5	7,5	-	14,20	207
CHGT/4-1000-9/-11	11	-	22,10	208
CHGT/4-1000-9/-15	15	-	29,10	262
CHGT/4-1000-9/-18,5	18,5	-	35,10	310
CHGT/4-1000-9/-22	22	-	41,00	311
CHGT/4-1250-6/-15	15	-	29,10	414
CHGT/4-1250-6/-18,5	18,5	-	35,10	462
CHGT/4-1250-6/-22	22	-	41,00	463
CHGT/4-1250-6/-30	30	-	56,00	523
CHGT/4-1250-6/-37	37	-	67,40	624
CHGT/4-1250-6/-45	45	-	81,60	670
CHGT/4-1250-9/-15	15	-	29,10	419
CHGT/4-1250-9/-18,5	18,5	-	35,10	467
CHGT/4-1250-9/-22	22	-	41,00	468
CHGT/4-1250-9/-30	30	-	56,00	528
CHGT/4-1250-9/-37	37	-	67,40	629
CHGT/4-1250-9/-45	45	-	81,60	675

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

CHGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F400-120 CHGT 1 speed models

■ Technical characteristics - 6 poles - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (Kg)
		230 V	400 V	
CHGT/6-500-6/-0,55	0,55	2,79	1,61	45
CHGT/6-560-6/-0,55	0,55	2,79	1,61	64
CHGT/6-630-6/-0,55	0,55	2,79	1,61	69
CHGT/6-630-6/-0,75	0,75	3,27	1,89	73
CHGT/6-630-6/-1,1	1,1	5,27	3,04	76
CHGT/6-710-5/-0,55	0,55	2,79	1,61	80
CHGT/6-710-5/-0,75	0,75	3,27	1,89	84
CHGT/6-710-5/-1,1	1,1	5,27	3,04	87
CHGT/6-710-7/-1,5	1,5	6,75	3,90	93
CHGT/6-800-3/-0,55	0,55	2,79	1,61	83
CHGT/6-800-3/-0,75	0,75	3,27	1,89	87
CHGT/6-800-3/-1,1	1,1	5,27	3,04	90
CHGT/6-800-3/-1,5	1,5	6,75	3,90	94
CHGT/6-800-6/-0,55	0,55	2,79	1,61	86
CHGT/6-800-6/-0,75	0,75	3,27	1,89	90
CHGT/6-800-6/-1,1	1,1	5,27	3,04	93
CHGT/6-800-6/-1,5	1,5	6,75	3,90	97
CHGT/6-800-6/-2,2	2,2	9,28	5,36	105
CHGT/6-800-9/-0,75	0,75	3,60	2,08	94
CHGT/6-800-9/-1,1	1,1	5,07	2,93	97
CHGT/6-800-9/-1,5	1,5	6,55	3,78	101
CHGT/6-800-9/-2,2	2,2	9,28	5,36	109
CHGT/6-800-9/-3	3	11,81	6,82	126
CHGT/6-900-6/-1,5	1,5	6,75	3,90	161
CHGT/6-900-6/-2,2	2,2	9,28	5,36	169
CHGT/6-900-6/-3	3	11,81	6,82	186
CHGT/6-900-6/-4	4	-	9,20	192
CHGT/6-900-9/-1,5	1,5	6,75	3,90	165
CHGT/6-900-9/-2,2	2,2	9,28	5,36	173
CHGT/6-900-9/-3	3	11,81	6,82	190
CHGT/6-900-9/-4	4	-	9,20	196
CHGT/6-900-9/-5,5	5,5	-	13,00	206

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	
CHGT/6-1000-6/-1,5	1,5	6,75	3,90	159
CHGT/6-1000-6/-2,2	2,2	9,28	5,36	167
CHGT/6-1000-6/-3	3	11,81	6,82	184
CHGT/6-1000-6/-4	4	-	9,20	190
CHGT/6-1000-6/-5,5	5,5	-	13,00	200
CHGT/6-1000-6/-7,5	7,5	-	15,00	233
CHGT/6-1000-9/-2,2	2,2	9,28	5,36	172
CHGT/6-1000-9/-3	3	11,81	6,82	189
CHGT/6-1000-9/-4	4	-	9,20	195
CHGT/6-1000-9/-5,5	5,5	-	13,00	205
CHGT/6-1000-9/-7,5	7,5	-	15,00	238
CHGT/6-1250-6/-4	4	-	9,20	347
CHGT/6-1250-6/-5,5	5,5	-	13,00	357
CHGT/6-1250-6/-7,5	7,5	-	15,00	390
CHGT/6-1250-6/-11	11	-	21,70	415
CHGT/6-1250-6/-15	15	-	27,60	453
CHGT/6-1250-9/-5,5	5,5	-	13,00	362
CHGT/6-1250-9/-7,5	7,5	-	15,00	395
CHGT/6-1250-9/-11	11	-	21,70	420
CHGT/6-1250-9/-15	15	-	27,60	458
CHGT/6-1250-9/-18,5	18,5	-	36,10	508
CHGT/6-1250-9/-22	22	-	41,40	530

CHGT

Cylindrical cased axial flow fans

Technical characteristics - MOTORS F400-120 CHGT 2 speed models

■ Technical characteristics - 4/8 poles - 1450/730 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V. 1	V. 2	V. 1	V. 2	
	CHGT/4/8-400-6/-0,55/0,09	0,55	0,09	1,7	
CHGT/4/8-450-6/-0,55/0,09	0,55	0,09	1,7	0,65	38
CHGT/4/8-500-6/-0,55/0,09	0,55	0,09	1,7	0,65	43
CHGT/4/8-500-6/-0,75/0,12	0,75	0,12	1,86	0,84	49
CHGT/4/8-500-6/-1,1/0,18	1,1	0,18	2,73	1,21	51
CHGT/4/8-560-6/-0,55/0,09	0,55	0,09	1,7	0,65	45
CHGT/4/8-560-6/-0,75/0,12	0,75	0,12	1,86	0,84	51
CHGT/4/8-560-6/-1,1/0,18	1,1	0,18	2,73	1,21	69
CHGT/4/8-560-6/-1,5/0,25	1,5	0,25	3,65	1,6	79
CHGT/4/8-560-6/-2,2/0,37	2,2	0,37	4,7	1,66	87
CHGT/4/8-630-6/-0,75/0,12	0,75	0,12	1,86	0,84	56
CHGT/4/8-630-6/-1,1/0,18	1,1	0,18	2,73	1,21	74
CHGT/4/8-630-6/-1,5/0,25	1,5	0,25	3,65	1,6	84
CHGT/4/8-630-6/-2,2/0,37	2,2	0,37	4,7	1,66	92
CHGT/4/8-630-6/-3/0,55	3	0,55	6,29	2,35	93
CHGT/4/8-710-5/-1,1/0,18	1,1	0,18	2,73	1,21	100
CHGT/4/8-710-5/-1,5/0,25	1,5	0,25	3,65	1,6	103
CHGT/4/8-710-7/-2,2/0,37	2,2	0,37	4,7	1,66	105
CHGT/4/8-710-7/-3/0,55	3	0,55	6,29	2,35	106
CHGT/4/8-710-7/-4/0,75	4	0,75	8,44	2,25	113
CHGT/4/8-710-7/-5,5/1,1	5,5	1,1	11,7	3,7	135

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





Technical characteristics - MOTORS F400-120 CHGT 2 speed models

■ Technical characteristics - 4/8 poles - 1450/730 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)	Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V. 1	V. 2	V. 1	V. 2			V. 1	V. 2	V. 1	V. 2	
CHGT/4/8-800-3/-1,1/0,18	1,1	0,18	2,73	1,21	88	CHGT/4/8-1000-9/-14/3,5	14	3,5	26,5	8,45	202
CHGT/4/8-800-3/-1,5/0,25	1,5	0,25	3,65	1,6	98	CHGT/4/8-1000-9/-17/4,3	17	4,3	33,4	12,3	230
CHGT/4/8-800-3/-2,2/0,37	2,2	0,37	4,7	1,66	106	CHGT/4/8-1000-9/-20/5	20	5	38,6	14,1	245
CHGT/4/8-800-3/-3/0,55	3	0,55	6,29	2,35	107	CHGT/4/8-1250-6/-14/3,5	14	3,5	26,5	8,45	424
CHGT/4/8-800-3/-4/0,75	4	0,75	8,44	2,25	114	CHGT/4/8-1250-6/-17/4,3	17	4,3	33,4	12,3	452
CHGT/4/8-800-3/-5,5/1,1	5,5	1,1	11,7	3,7	136	CHGT/4/8-1250-6/-20/5	20	5	38,6	14,1	467
CHGT/4/8-800-6/-1,5/0,25	1,5	0,25	3,65	1,6	101	CHGT/4/8-1250-6/-30/8	30	8	52	18	525
CHGT/4/8-800-6/-2,2/0,37	2,2	0,37	4,7	1,66	109	CHGT/4/8-1250-6/-37/9,2	37	9,2	74,2	25,4	650
CHGT/4/8-800-6/-3/0,55	3	0,55	6,29	2,35	110	CHGT/4/8-1250-6/-44/11	44	11	80,2	27,2	715
CHGT/4/8-800-6/-4/0,75	4	0,75	8,44	2,25	117	CHGT/4/8-1250-9/-14/3,5	14	3,5	26,5	8,45	429
CHGT/4/8-800-6/-5,5/1,1	5,5	1,1	11,7	3,7	139	CHGT/4/8-1250-9/-17/4,3	17	4,3	33,4	12,3	457
CHGT/4/8-800-6/-7,5/1,5	7,5	1,5	15,9	4,72	152	CHGT/4/8-1250-9/-20/5	20	5	38,6	14,1	472
CHGT/4/8-800-9/-2,2/0,37	2,2	0,37	4,7	1,66	113	CHGT/4/8-1250-9/-30/8	30	8	52	18	530
CHGT/4/8-800-9/-3/0,55	3	0,55	6,29	2,35	114	CHGT/4/8-1250-9/-37/9,2	37	9,2	74,2	25,4	655
CHGT/4/8-800-9/-4/0,75	4	0,75	8,44	2,25	121	CHGT/4/8-1250-9/-44/11	44	11	80,2	27,2	720
CHGT/4/8-800-9/-5,5/1,1	5,5	1,1	11,7	3,7	143						
CHGT/4/8-800-9/-7,5/1,5	7,5	1,5	15,9	4,72	156						

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

■ Technical characteristics - 6/12 poles - 950/475 rpm

Model	Motor power (kW)		Full load current (A)		Weight (Kg)	Model	Motor power (kW)		Full load current (A)		Weight (Kg)
	V. 1	V. 2	V. 1	V. 2			V. 1	V. 2	V. 1	V. 2	
CHGT/6/12-500-6/-0,55/0,09	0,55	0,09	2,07	0,94	51	CHGT/6/12-900-9/-1,5/0,25	1,5	0,25	4,24	1,67	185
CHGT/6/12-560-6/-0,55/0,09	0,55	0,09	2,07	0,94	70	CHGT/6/12-900-9/-2,2/0,37	2,2	0,37	5,9	2,3	195
CHGT/6/12-630-6/-0,55/0,09	0,55	0,09	2,07	0,94	75	CHGT/6/12-900-9/-3/0,55	3	0,55	8,87	3,80	220
CHGT/6/12-630-6/-0,75/0,12	0,75	0,12	2,28	1,02	77	CHGT/6/12-900-9/-4/0,65	4	0,65	10	3,5	206
CHGT/6/12-630-6/-1,1/0,18	1,1	0,18	4,49	1,67	89	CHGT/6/12-900-9/-6/1,2	6	1,2	14,4	5,5	262
CHGT/6/12-710-5/-0,75/0,12	0,75	0,12	2,28	1,02	91	CHGT/6/12-1000-6/-1,5/0,25	1,5	0,25	4,24	1,67	171
CHGT/6/12-710-7/-1,1/0,18	1,1	0,18	4,49	1,67	94	CHGT/6/12-1000-6/-2,2/0,37	2,2	0,37	5,9	2,3	172
CHGT/6/12-710-7/-1,5/0,25	1,5	0,25	4,24	1,67	97	CHGT/6/12-1000-6/-3/0,55	3	0,55	8,87	3,80	209
CHGT/6/12-800-3/-0,55/0,09	0,55	0,09	2,07	0,94	89	CHGT/6/12-1000-6/-4/0,65	4	0,65	9,31	2,94	209
CHGT/6/12-800-3/-0,75/0,12	0,75	0,12	2,28	1,02	91	CHGT/6/12-1000-6/-6/1,2	6	1,2	13,40	5,58	256
CHGT/6/12-800-3/-1,1/0,18	1,1	0,18	4,49	1,67	103	CHGT/6/12-1000-9/-2,2/0,37	2,2	0,37	5,73	2,18	177
CHGT/6/12-800-3/-1,5/0,25	1,5	0,25	4,24	1,67	106	CHGT/6/12-1000-9/-3/0,55	3	0,55	8,87	3,80	214
CHGT/6/12-800-6/-0,55/0,09	0,55	0,09	2,07	0,94	86	CHGT/6/12-1000-9/-4/0,65	4	0,65	9,31	2,94	214
CHGT/6/12-800-6/-0,75/0,12	0,75	0,12	2,28	1,02	94	CHGT/6/12-1000-9/-6/1,2	6	1,2	13,40	5,58	261
CHGT/6/12-800-6/-1,1/0,18	1,1	0,18	4,49	1,67	106	CHGT/6/12-1000-9/-7,5/1,5	7,5	1,5	16,40	6,49	268
CHGT/6/12-800-6/-1,5/0,25	1,5	0,25	4,24	1,67	109	CHGT/6/12-1250-6/-4/0,65	4	0,65	9,31	2,94	365
CHGT/6/12-800-6/-2,2/0,37	2,2	0,37	5,9	2,3	110	CHGT/6/12-1250-6/-6/1,2	6	1,2	13,40	5,58	413
CHGT/6/12-800-9/-0,75/0,12	0,75	0,12	2,28	1,02	98	CHGT/6/12-1250-6/-7,5/1,5	7,5	1,5	16,40	6,49	390
CHGT/6/12-800-9/-1,1/0,18	1,1	0,18	4,49	1,67	110	CHGT/6/12-1250-6/-9/1,8	9	1,8	18,90	7,08	445
CHGT/6/12-800-9/-1,5/0,25	1,5	0,25	4,24	1,67	113	CHGT/6/12-1250-6/-12/2,4	12	2,4	23,40	8,07	506
CHGT/6/12-800-9/-2,2/0,37	2,2	0,37	5,9	2,3	114	CHGT/6/12-1250-6/-17,5/4,3	17,5	3,5	40	14,5	538
CHGT/6/12-800-9/-3/0,55	3	0,55	8,87	3,80	126	CHGT/6/12-1250-9/-6/1,2	6	1,2	13,40	5,58	418
CHGT/6/12-900-6/-1,1/0,18	1,1	0,18	4,49	1,67	174	CHGT/6/12-1250-9/-7,5/1,5	7,5	1,5	16,40	6,49	450
CHGT/6/12-900-6/-1,5/0,25	1,5	0,25	4,24	1,67	181	CHGT/6/12-1250-9/-9/1,8	9	1,8	18,90	7,08	458
CHGT/6/12-900-6/-2,2/0,37	2,2	0,37	5,9	2,3	191	CHGT/6/12-1250-9/-12/2,4	12	2,4	23,40	8,07	511
CHGT/6/12-900-6/-3/0,55	3	0,55	8,87	3,80	216	CHGT/6/12-1250-9/-17/4,3	17,5	3,5	40	14,5	542
CHGT/6/12-900-6/-4/0,65	4	0,65	10	3,5	210	CHGT/6/12-1250-9/-20/5	24	6	54,2	23,5	564

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

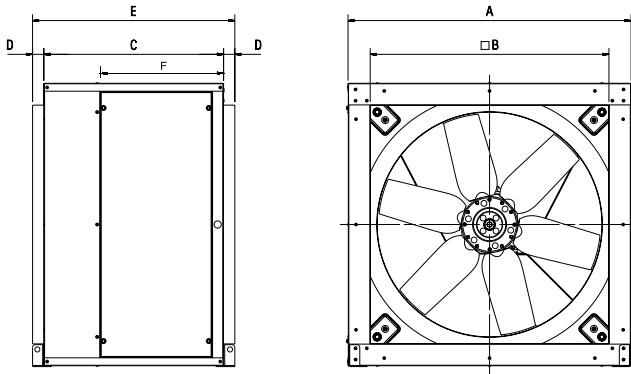
CHGT

Cylindrical cased axial flow fans



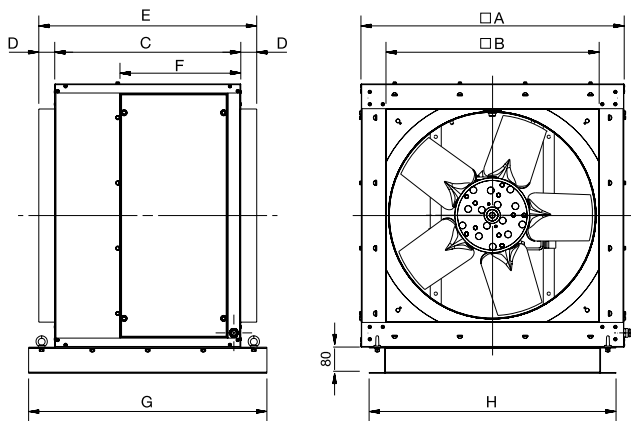
■ Dimensions (mm)

Models from 400 to 800



Model	□A	□B	C	D	E	F
400	509	423	440	40	520	588
450	567,6	473	483	40	563	650
500	638	523	525	40	605	719
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 from 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

CHGT

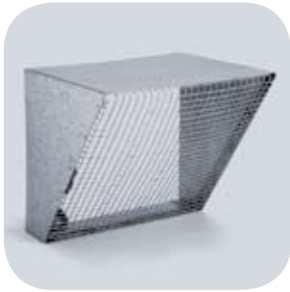


PER-CN CHGT
Aluminium and sheet steel louvre back draft shutter (without bird guard) for CHGT and CGT series

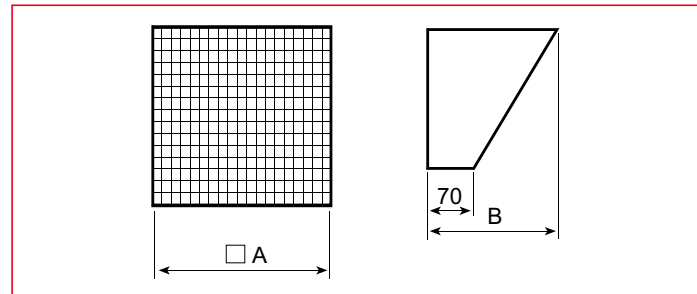
Model	A
400	428
450	478
500	528
560	585
630	655
710	752
800	852
910	952
1000	1057
1250	1277

Dimensions in mm.

Cylindrical cased axial flow fans



CVD CGT/CHGT
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
CHGT-400	CVD/400 CGT/CHGT	424	313,5
CHGT-450	CVD/450 CGT/CHGT	474	341,5
CHGT-500	CVD/500 CGT/CHGT	524	369,5
CHGT-560	CVD/560 CGT/CHGT	584	403,5
CHGT-630	CVD/630 CGT/CHGT	654	422,5
CHGT-710	CVD/710 CGT/CHGT	751	503,8
CHGT-800	CVD/800 CGT/CHGT	851,5	560,2
CHGT-900	CVD/900 CGT/CHGT	951,5	616,2
CHGT-1000	CVD/1000 CGT/CHGT	1056,5	675
CHGT-1250	CVD/1250 CGT/CHGT	1276,5	798,3

Dimensions inw mm.



■ Example of selecting CHGT/ CGT fans

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

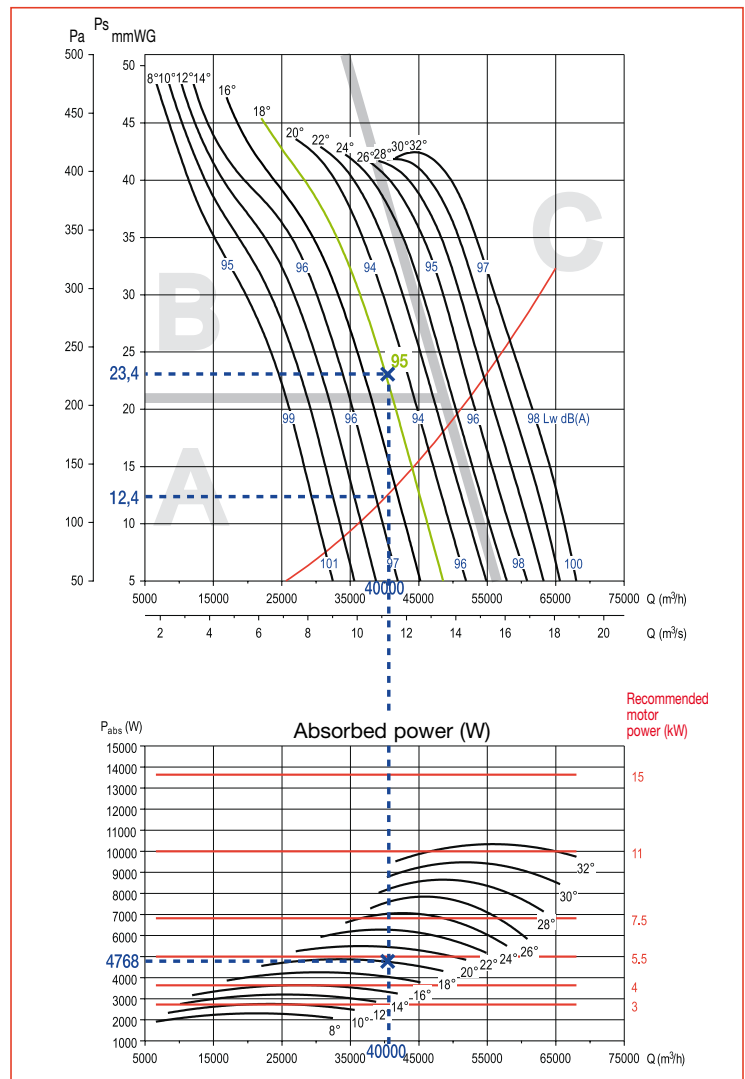
CHGT / CGT	
Number of poles	4
Nominal diameter (mm)	1000
Number of blades	3

CHGT/4-1000-3/ _ ° - kW
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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).



CHGT

Cylindrical cased axial flow fans

Working point:

Airflow.....: 40,000 m³/hr = 11,1 m³/s
 Pressure.....: 23.4 mm c.a.

Taking as an example the following point: airflow axis (horizontal axis) at 40.000m³/h. (Airflow=11.1 m³/s) and at a static pressure of 23.4 mmWG (vertical axis at the left side of the intersection).

On those conditions the intersection point lies on the fan performance curve with 18° blade pitch angle (green line) with a dynamic pressure of 12.4 mmWG (red line) tracing at 40.000 m³/h point and clearly visible at upper vertical axis in the left side of the intersection).

From this point, in the lower intersection that at 18° the absorbed power on the power scale on the left is 4768 W and that the upper red line corresponds, according to what can be read at the right lower side scale, to a motor power of 5,5 kW (S&P always recommends to work with a minimum security margin of 10% on the absorbed power at the axis).

Its total sound power level is 99 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 79 dB(A).

Spectrum sound power level

Hz	dB(A)	B	Lw dB(A)
63	95	20	75
125	95	19	76
250	95	11	84
500	95	5	90
1000	95	5	90
2000	95	7	88
4000	95	13	82
8000	95	20	75

The resulting model would be **CHGT/4-1000/3-16-5,5 kW**.

Sound pressure spectrum

Hz	dB(A)	Atten.	Lp dB(A)
63	75	20	55
125	76	20	56
250	84	20	64
500	90	20	70
1000	90	20	70
2000	88	20	68
4000	82	20	62
8000	75	20	55



Performance curves - 2 pole motors

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

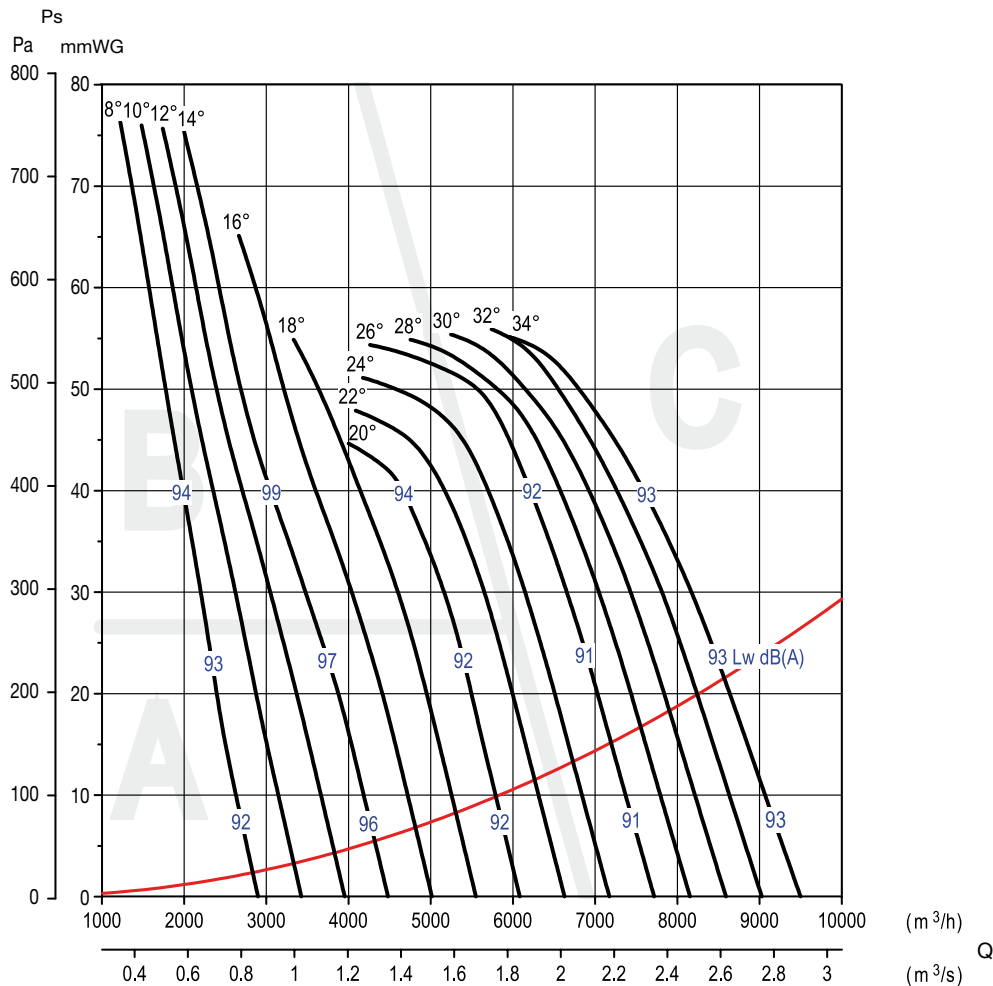
CHGT F300 / CGT

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

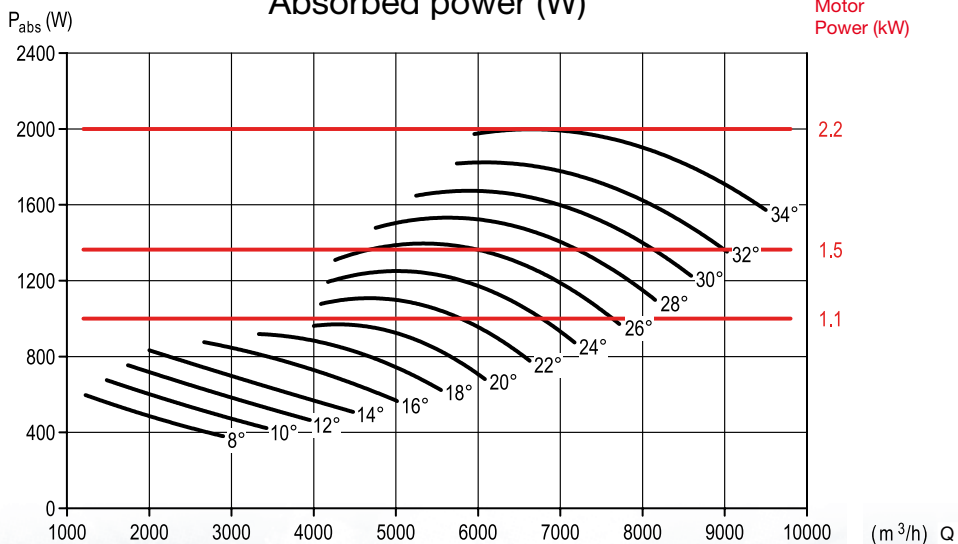
CHGT/2-400-6/ °- kW
CGT/2-400-6/ °- kW

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.



Absorbed power (W)



Performance curves - 2 pole motors

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

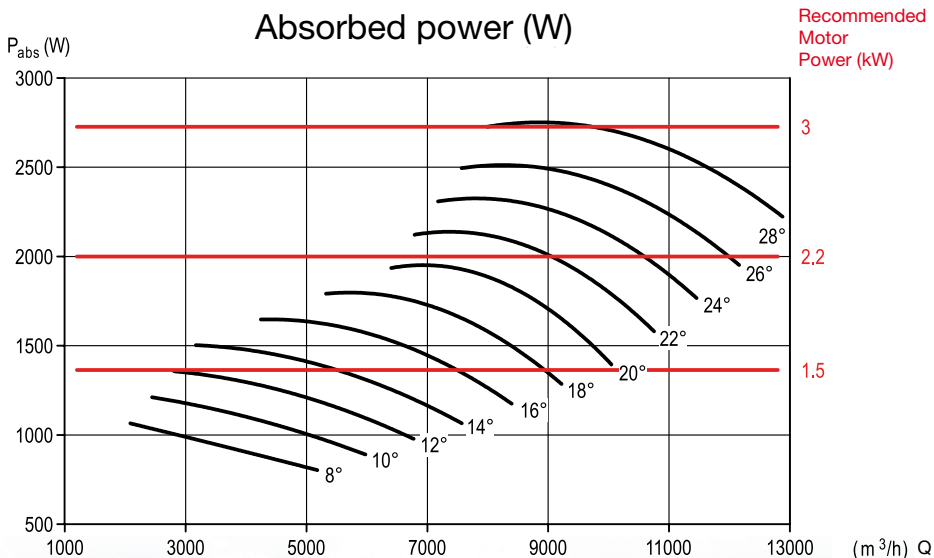
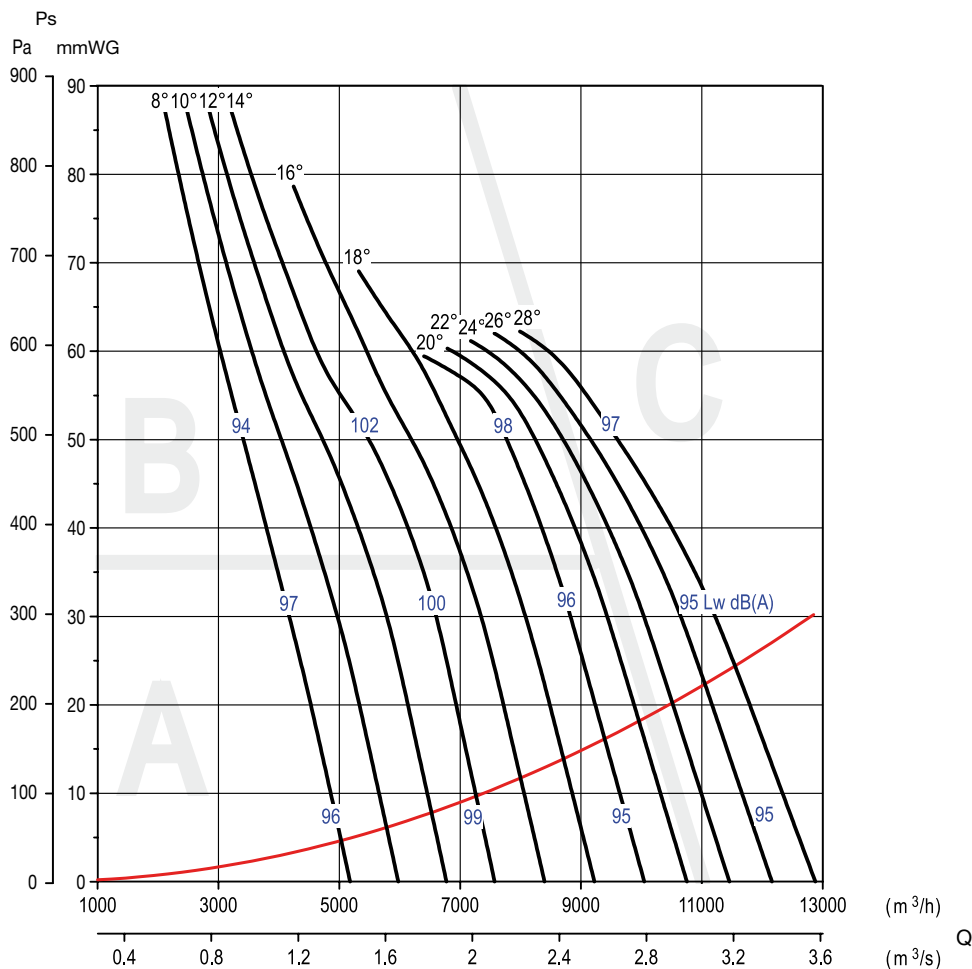
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

CHGT F300 / CGT	
Number of poles	2
Nominal diameter (mm)	450
Number of blades	6

CHGT/2-450-6/ _ °_ kW
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.



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (Lp DB(A)).

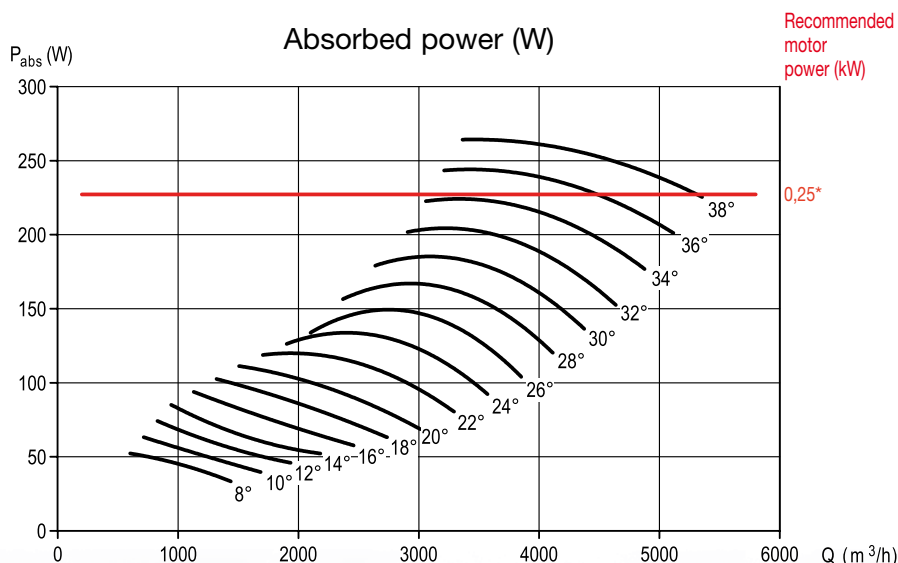
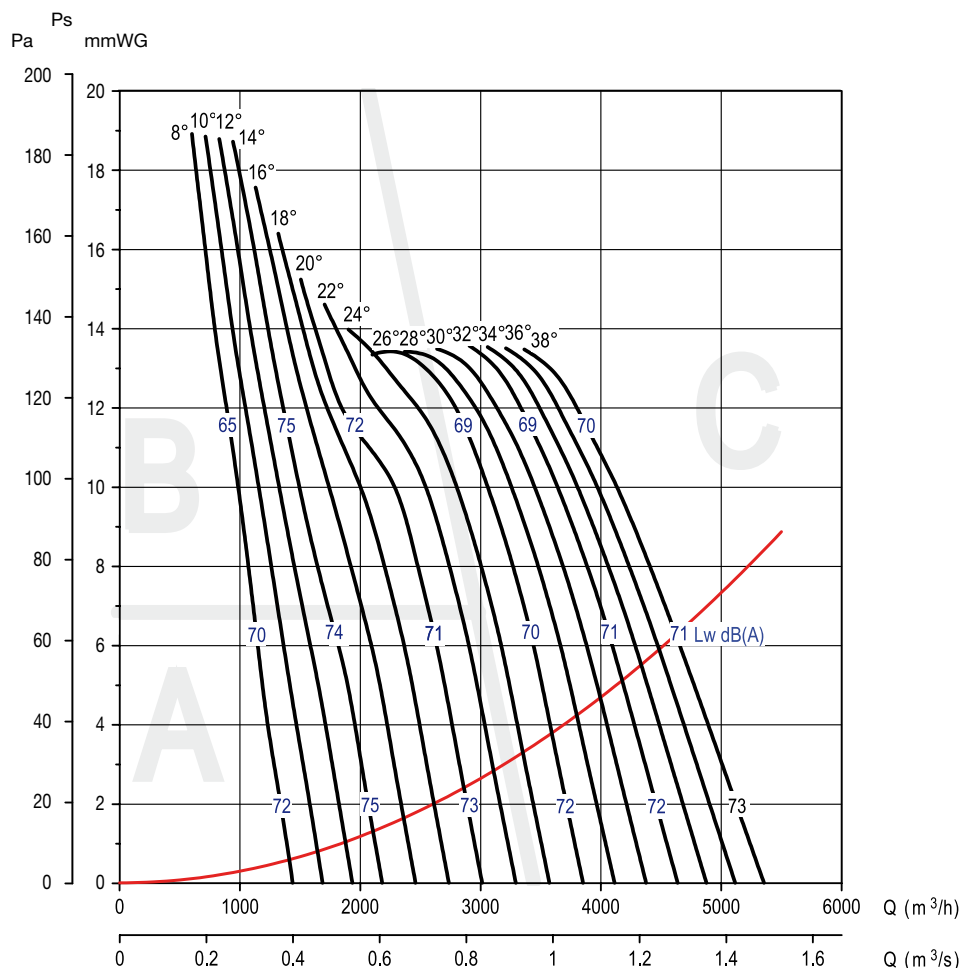
CHGT / CGT

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

CHGT/4-400-6/ _ ° _ kW
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.



(*) CGT Series only.
CHGT Series motor 0,55.





■ Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

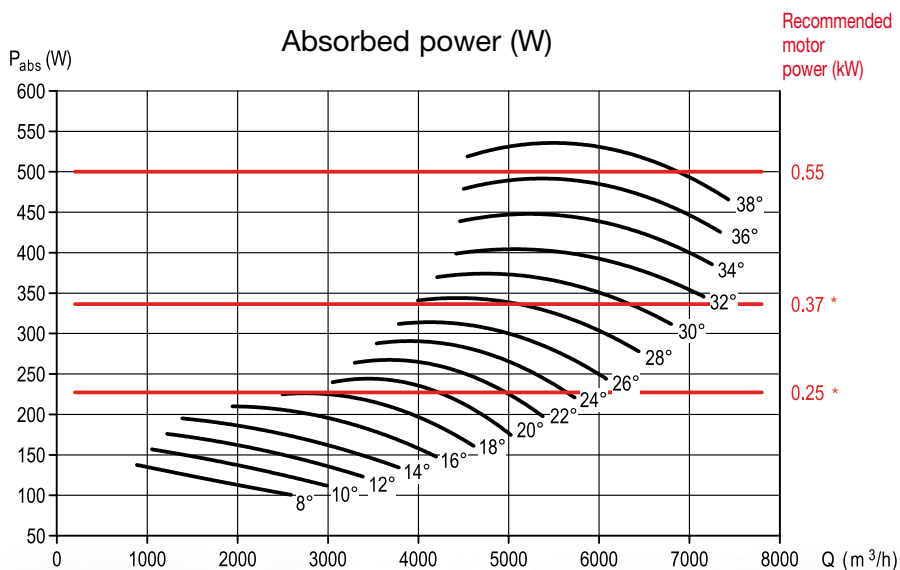
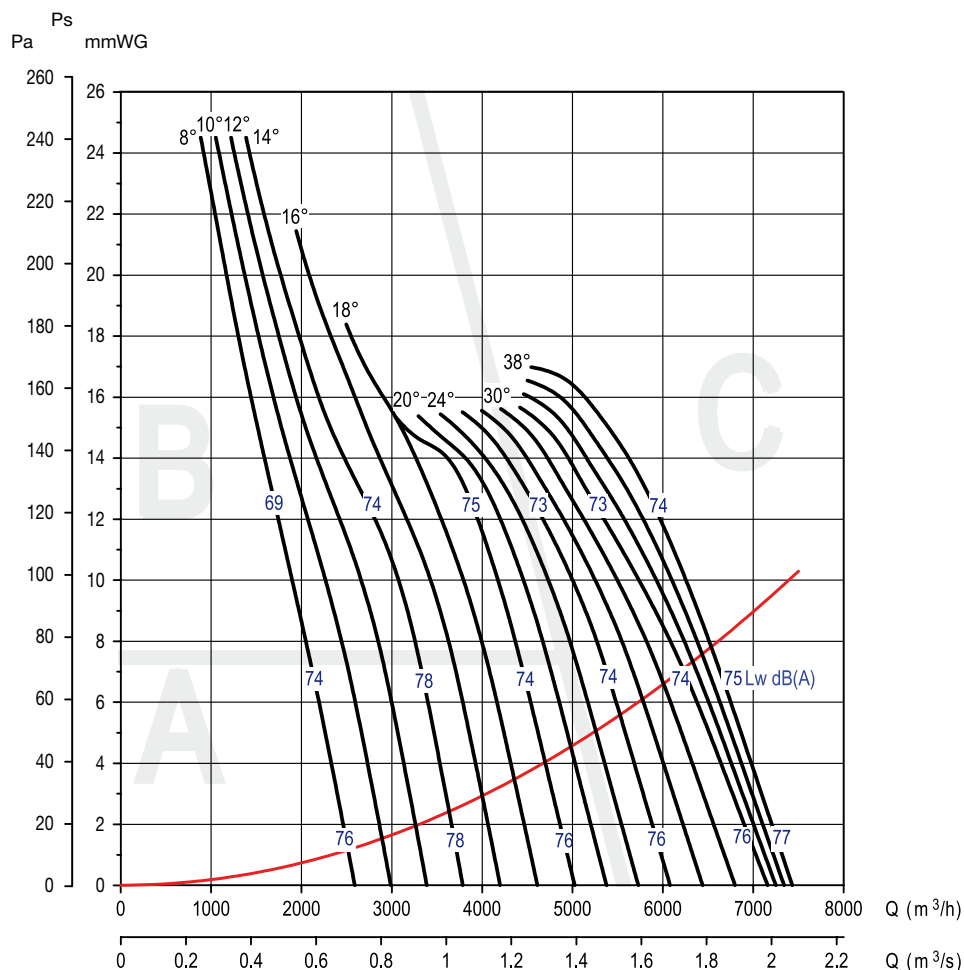
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CHGT / CGT	
Number of poles	4
Nominal diameter (mm)	450
Number of blades	6

CHGT/4-450-6/ _ ° _ kW
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.



(*) CGT Series only.

CHGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

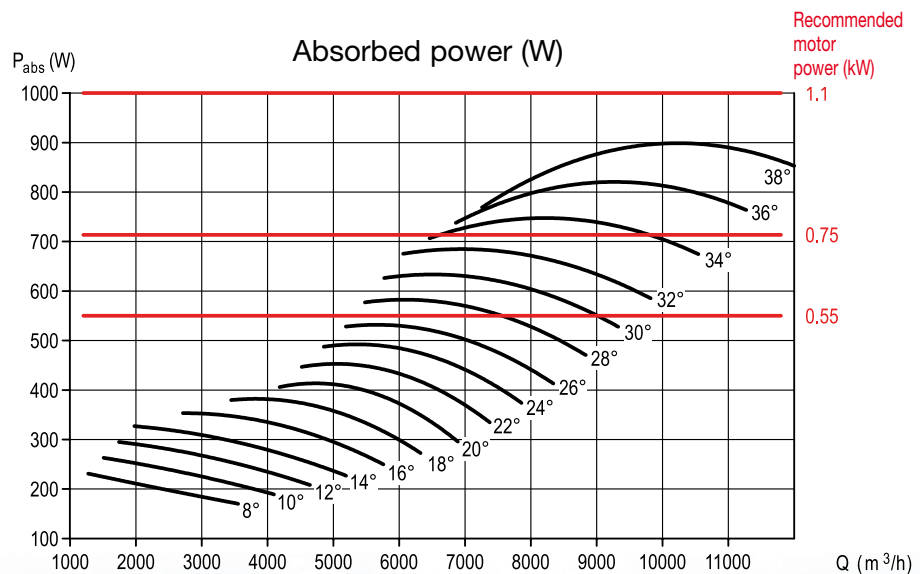
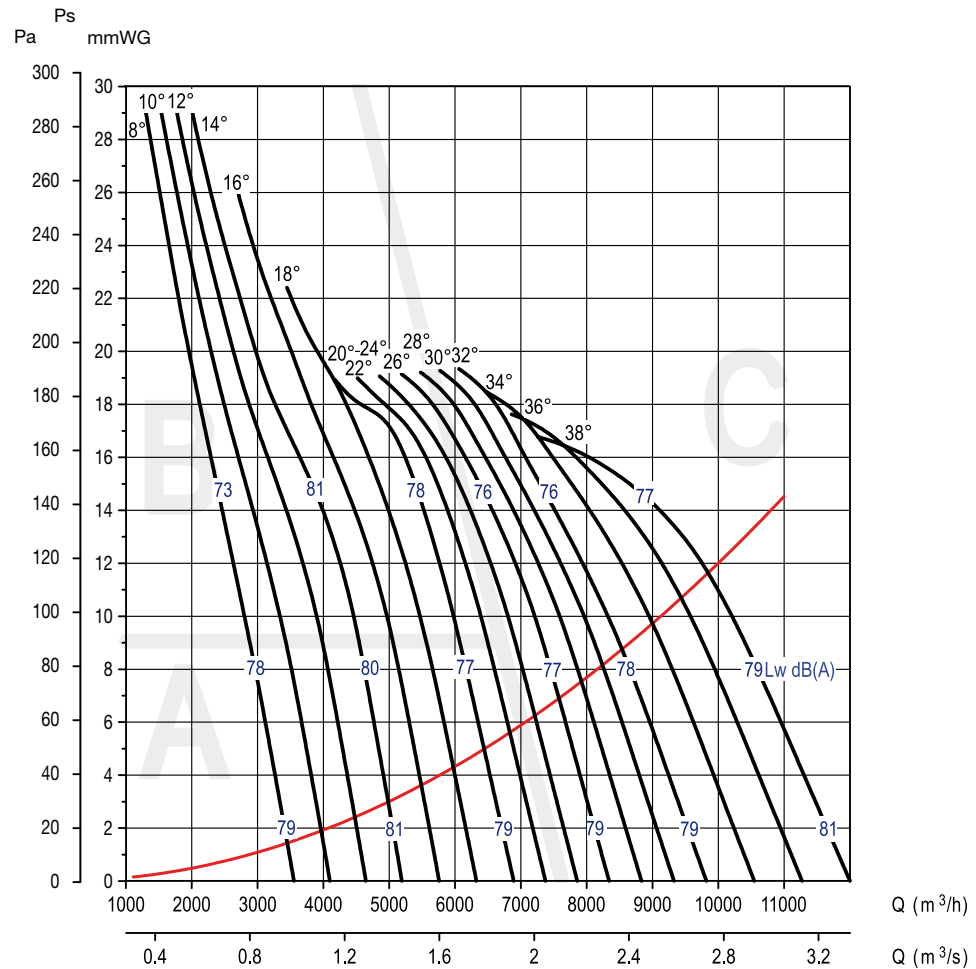
CHGT / CGT

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

CHGT/4-500-6/ _ ° - kW
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.



CHGT

Cylindrical cased axial flow fans





■ Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

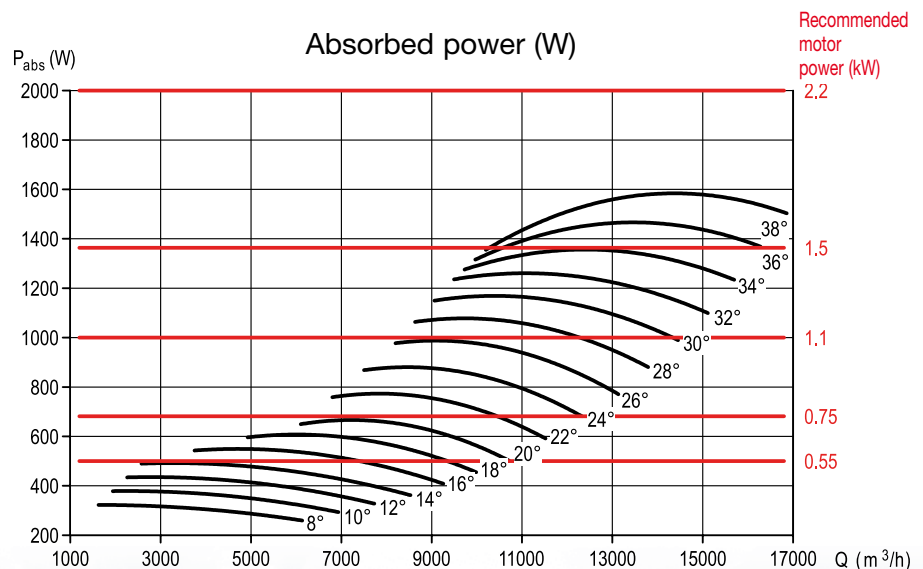
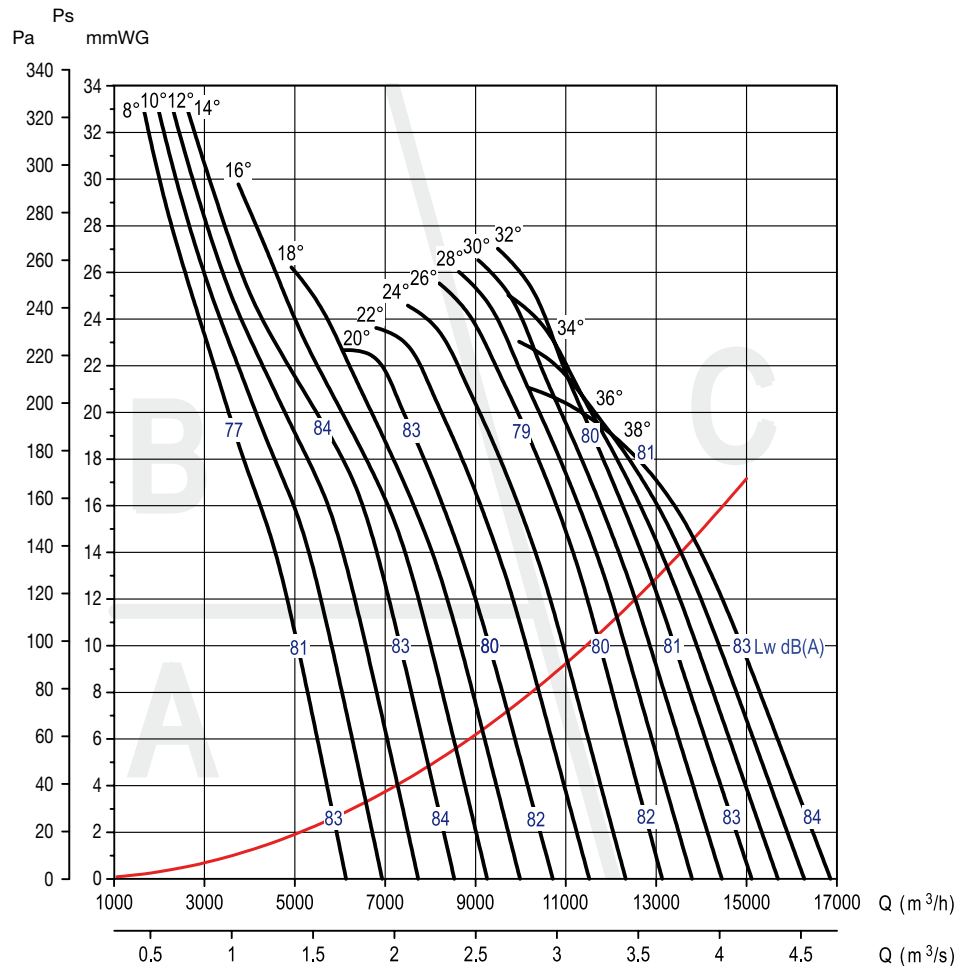
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/4-560-6/ _ ° _ kW
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.



CHGT

Cylindrical cased axial flow fans



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

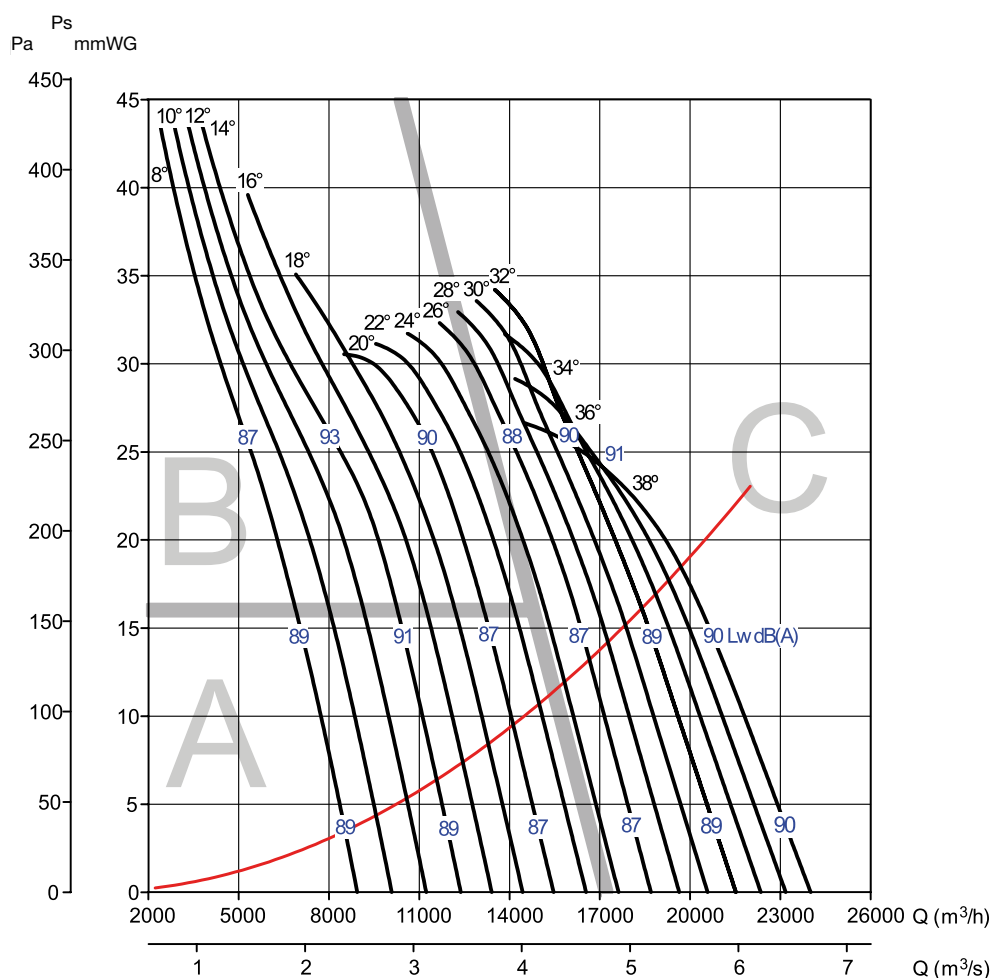
CHGT / CGT

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

CHGT/4-630-6/_°_ kW
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

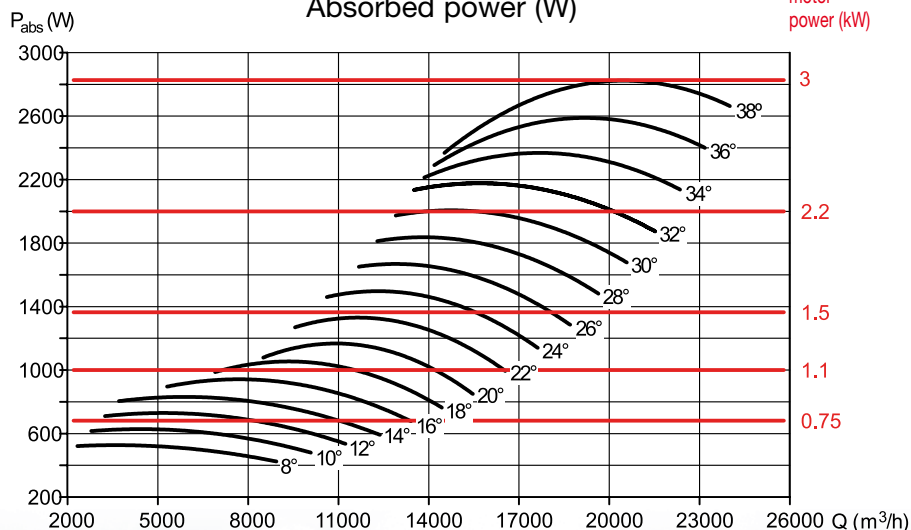
Table of correction factors for the calculation of the sound power level spectrum.



CHGT

Cylindrical cased axial flow fans

Absorbed power (W)



Recommended motor power (kW)



Performance curves - 4 pole motors - CHGT F300 / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

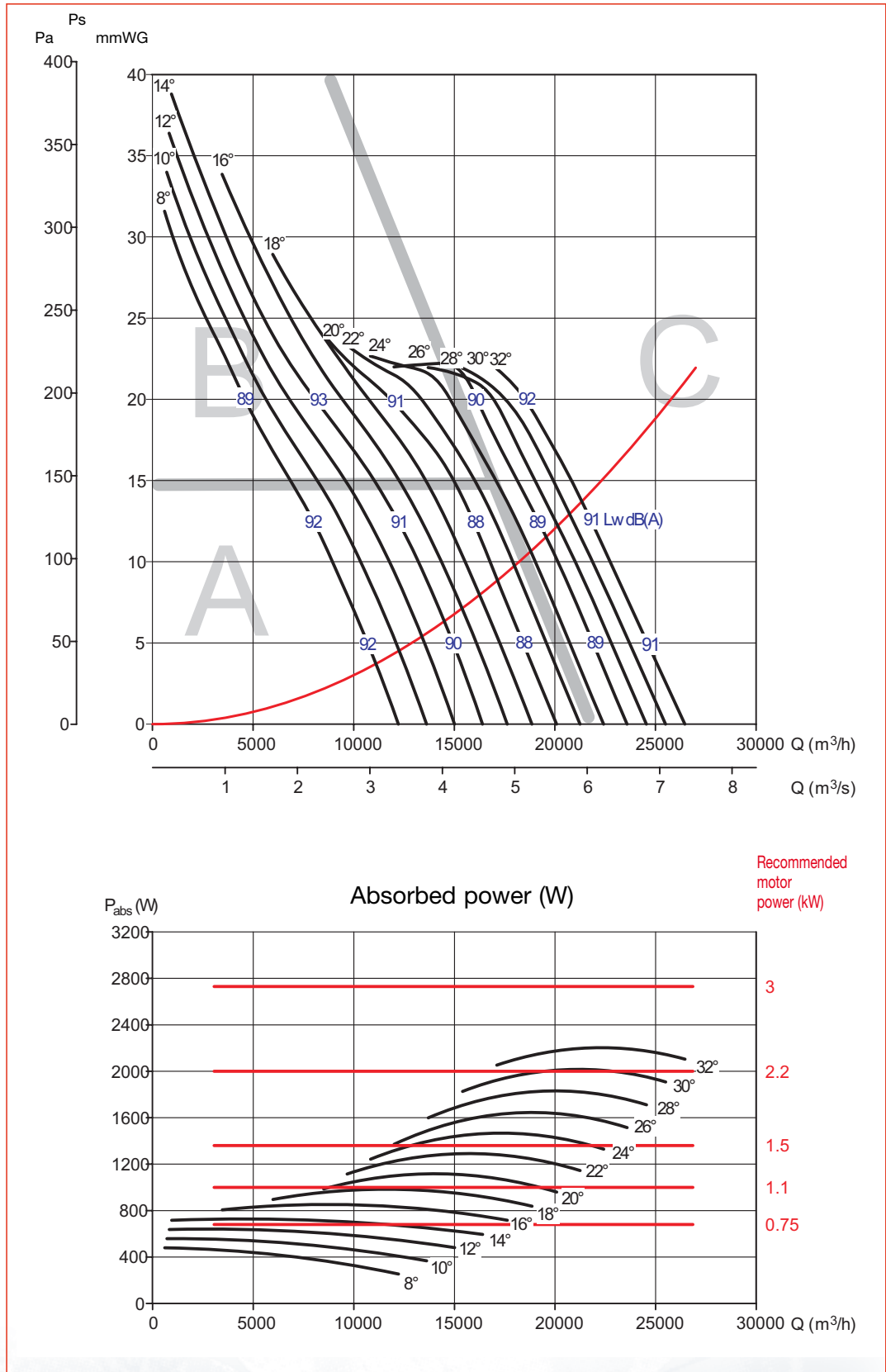
NEW

CHGT F300 / CGT	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	3

CHGT/4-710-3/ _ ° _ kW
CGT/4-710-3/ _ ° _ kW

Hz	A	B	C
63	22	22	22
125	19	19	19
250	13	13	13
500	6	6	6
1000	4	4	4
2000	6	6	6
4000	11	11	11
8000	18	18	18

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



Performance curves - 4 pole motors - CHGT F300 / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

NEW

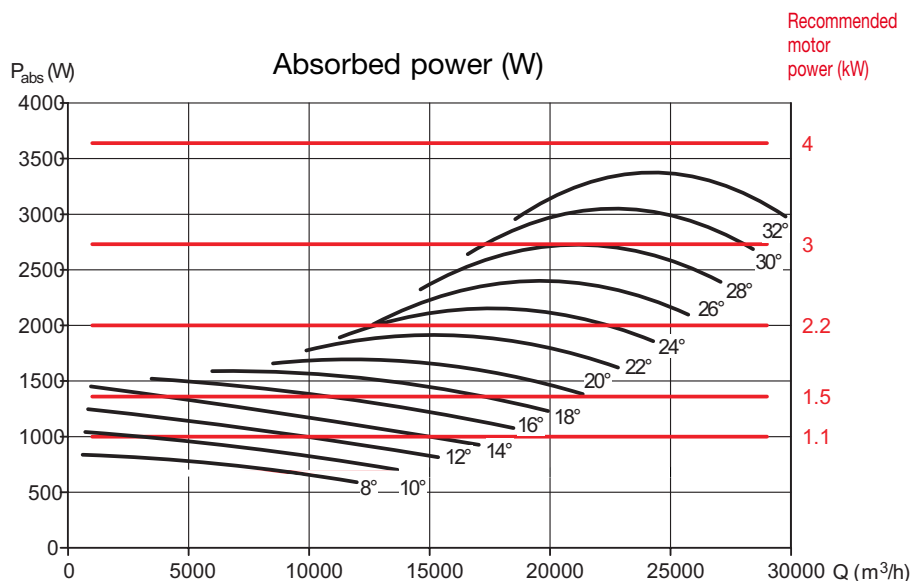
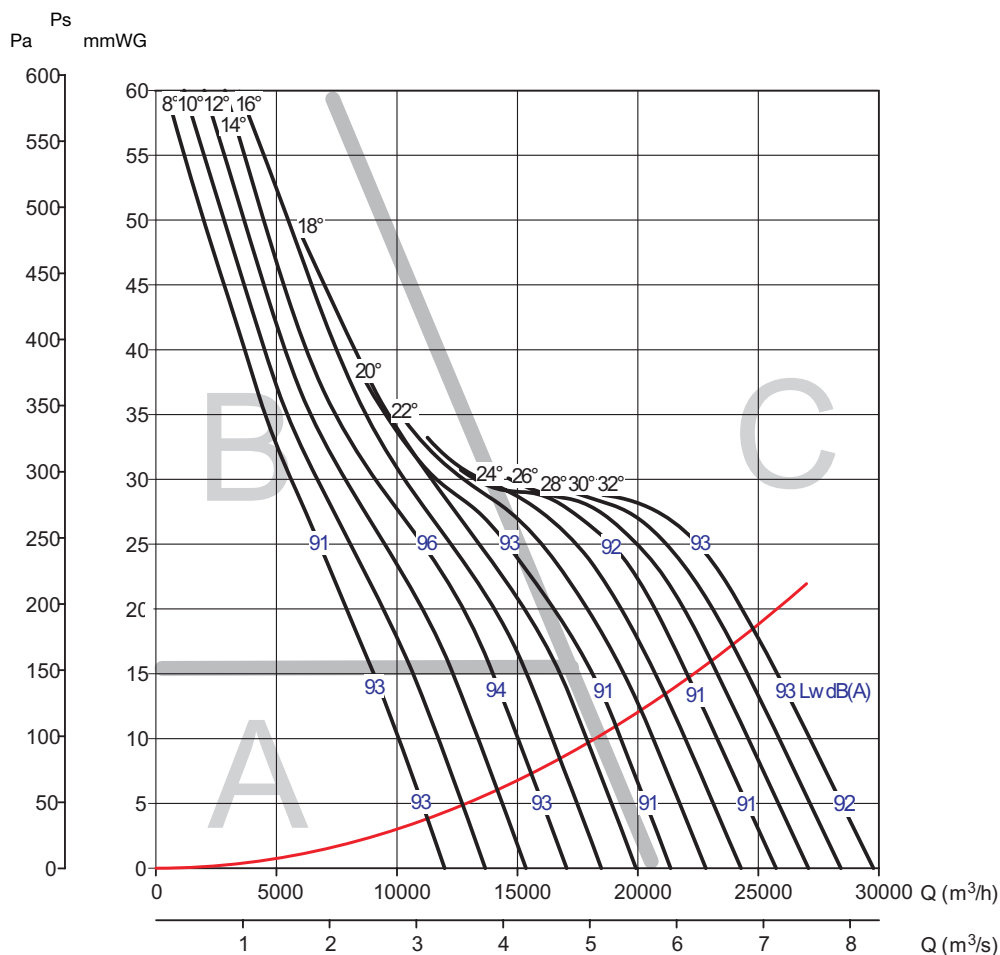
CHGT F300 / CGT

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

THGT/4-710-6/_°_ kW
TGT/4-710-6/_°_ kW

Hz	A	B	C
63	38	38	31
125	22	21	19
250	12	9	12
500	6	5	6
1000	5	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.





Performance curves - 4 pole motors - CHGT F400

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

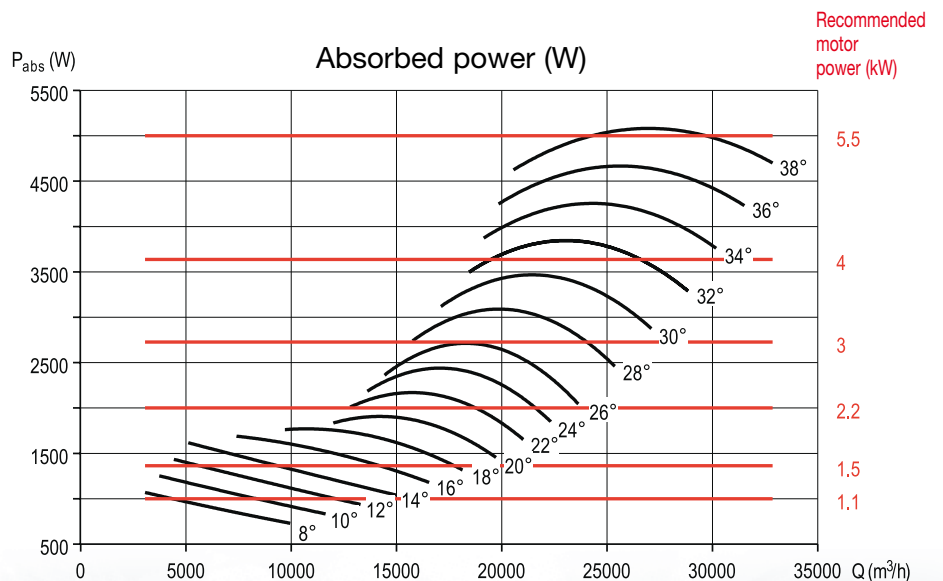
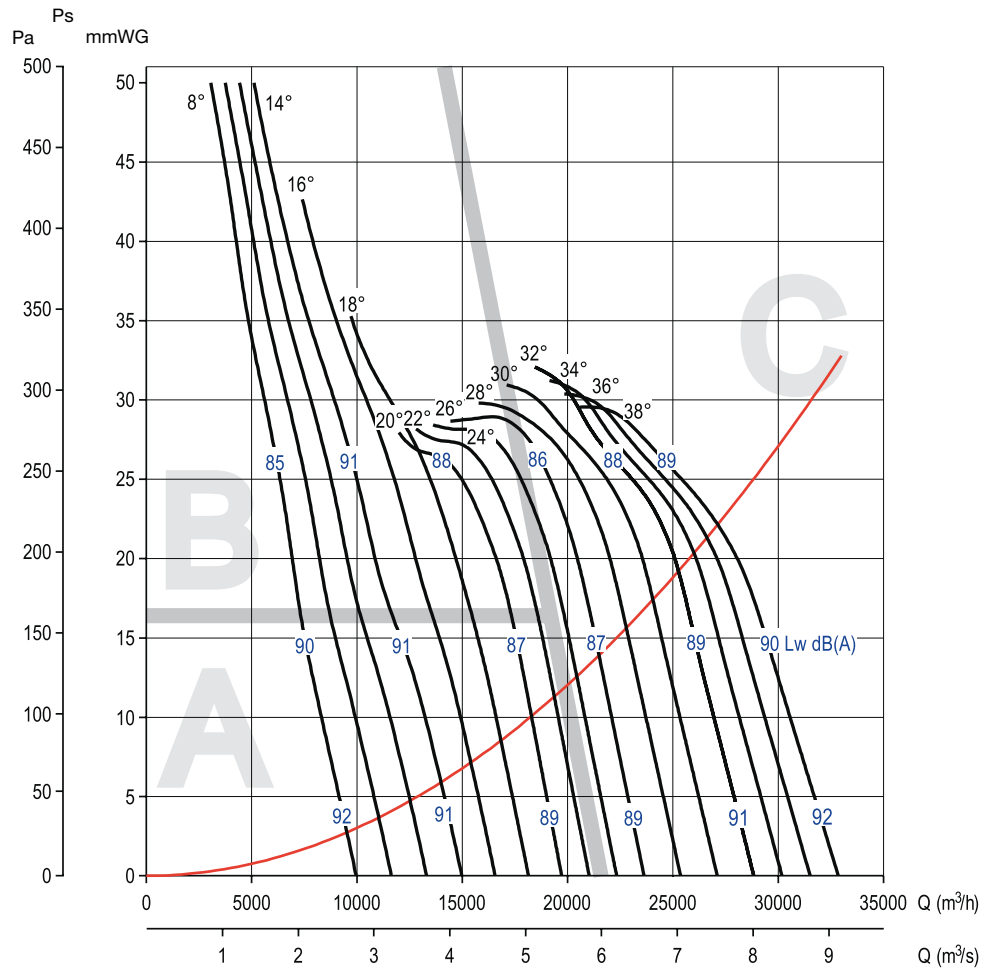
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

CHGT F400	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	5 or 7

CHGT/4-710- / _ ° - 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	12	14	11
8000	18	23	19

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



CHGT

Cylindrical cased axial flow fans



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (Lp DB(A)).

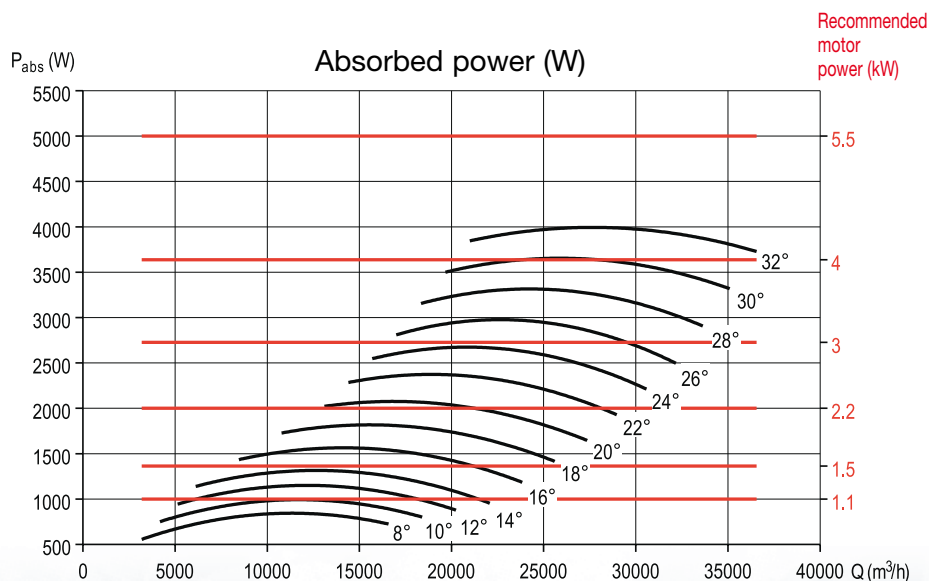
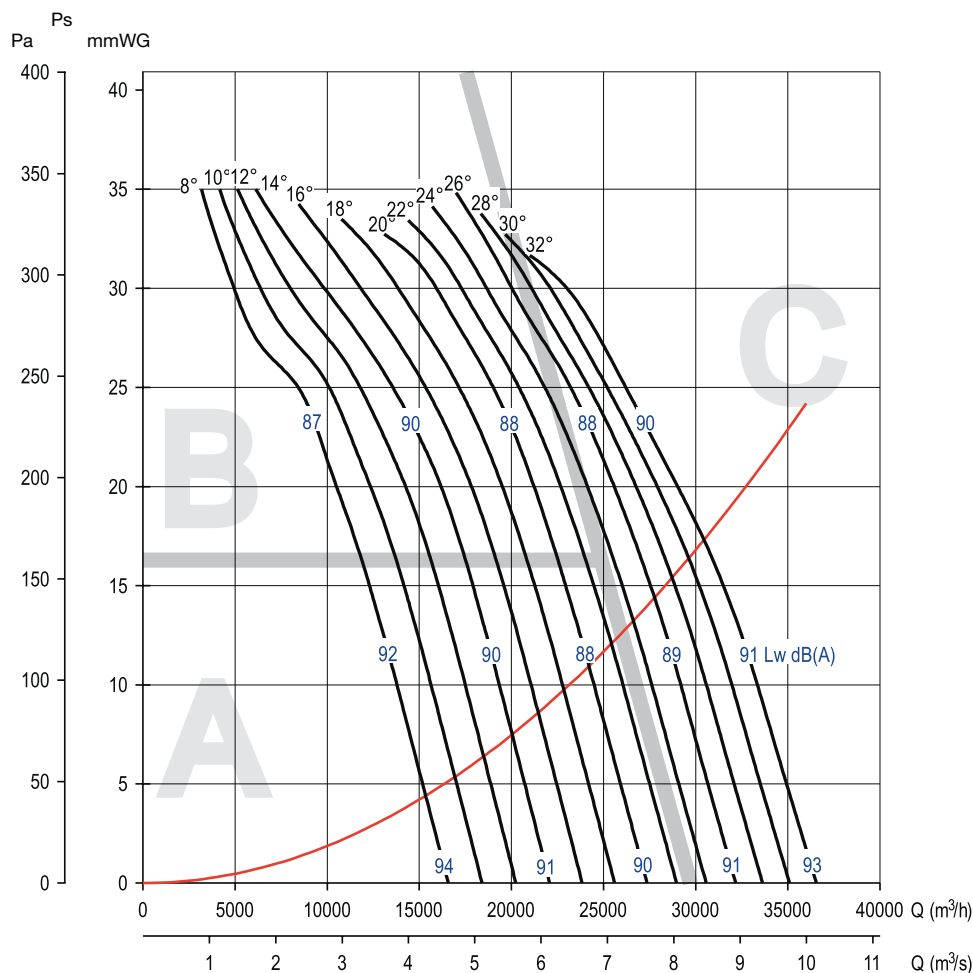
CHGT / CGT

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

CHGT/4-800-3/ _ ° - _ kW
CGT/4-800-3/ _ ° - _ 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	12	14	11
8000	18	23	19

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





Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

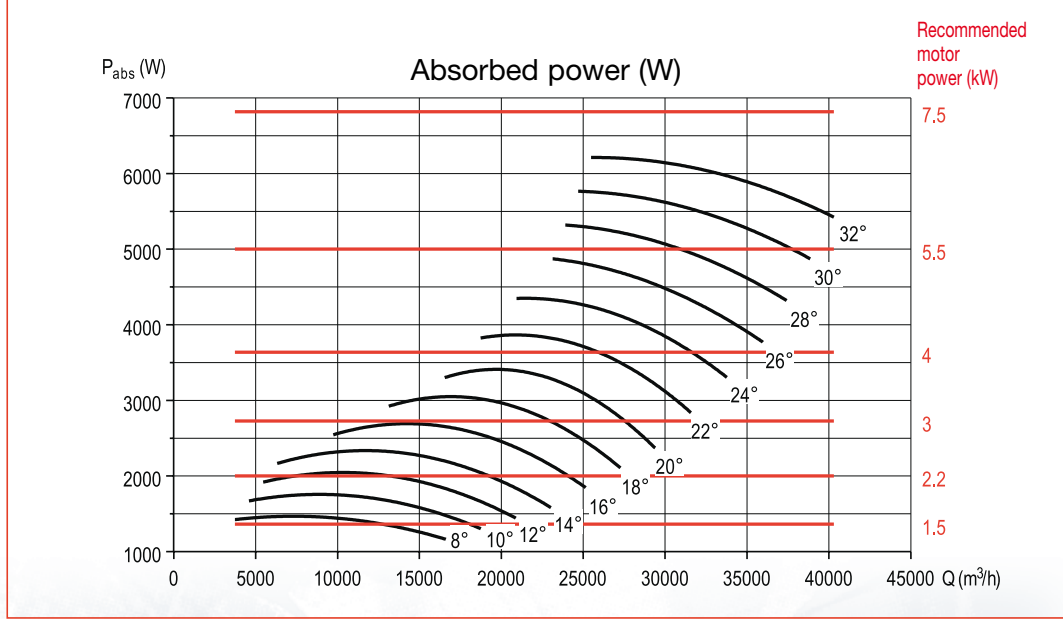
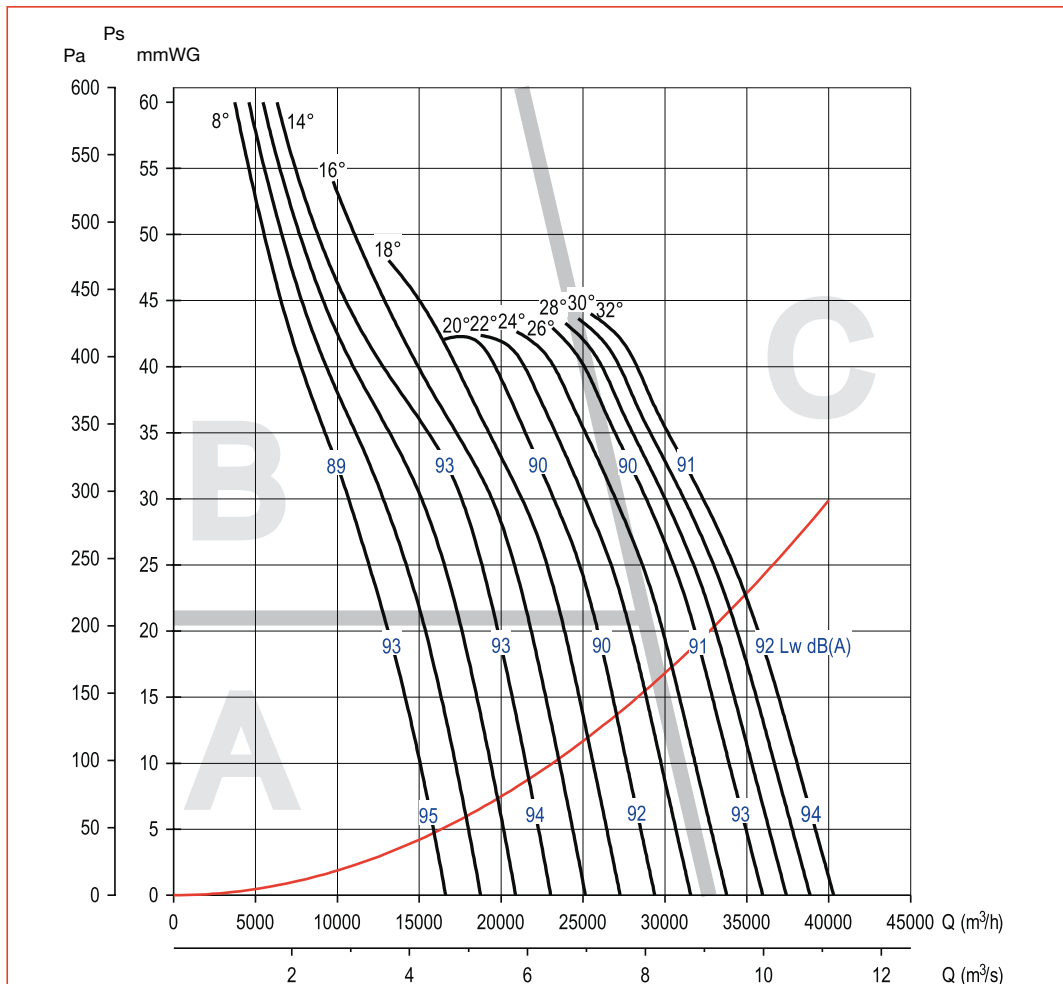
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/4-800-6/ _ ° - _ kW
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	12	14	11
8000	18	23	19

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



CHGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

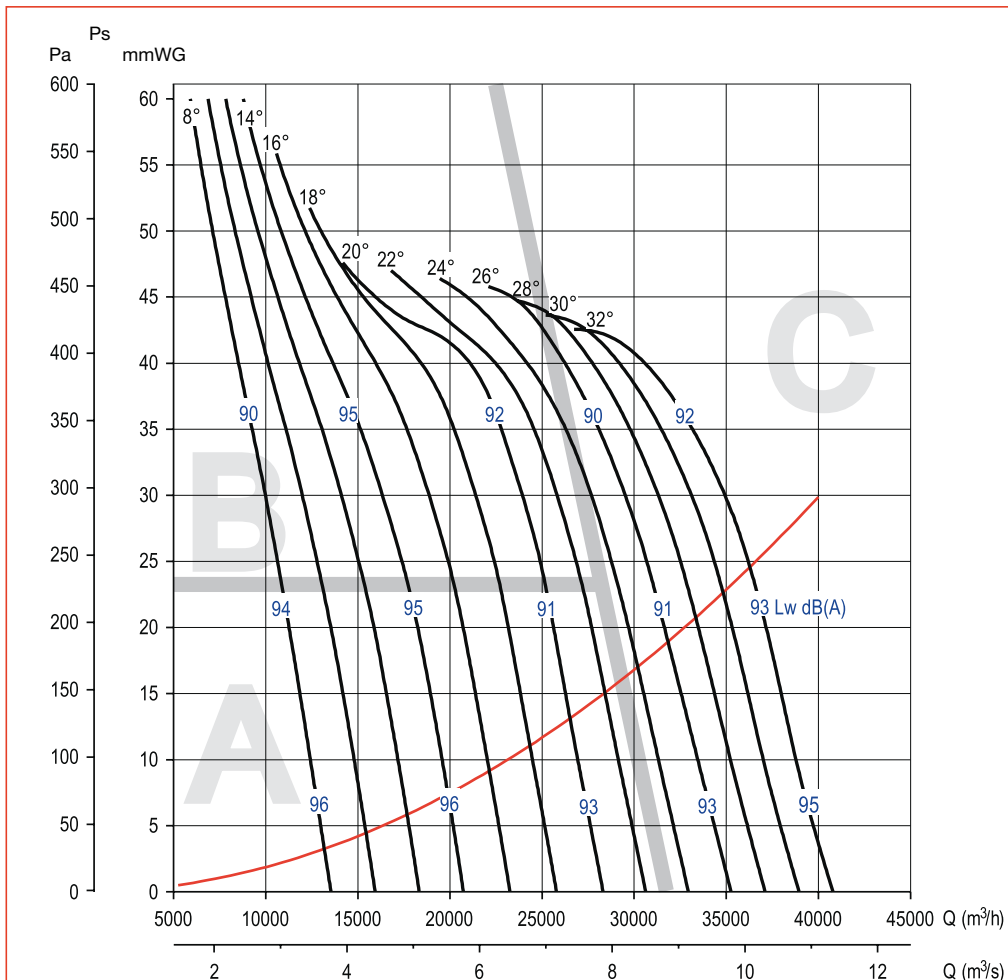
CHGT / CGT

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

CHGT/4-800-9/ _ ° _ kW
CGT/4-800-9/ _ ° _ kW

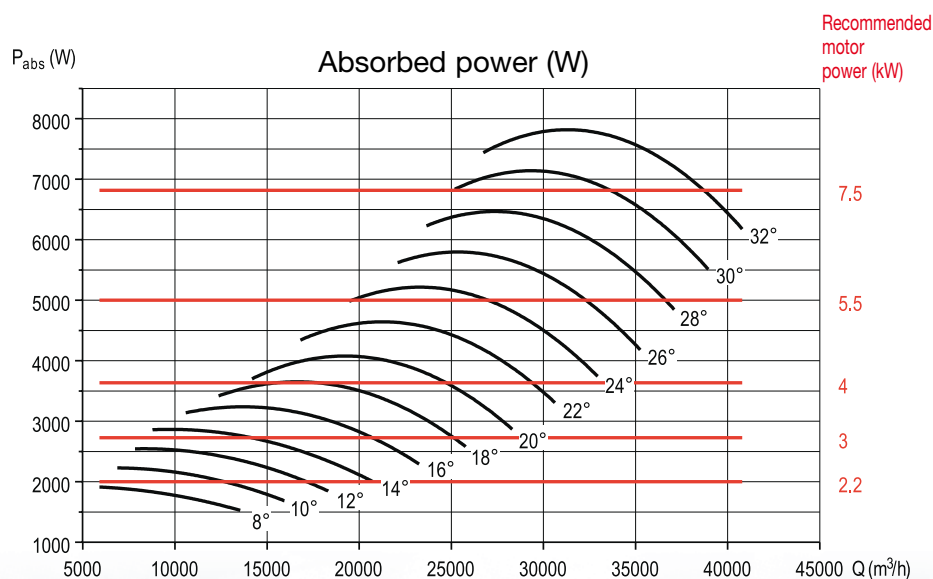
Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

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



CHGT

Cylindrical cased axial flow fans



■ Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

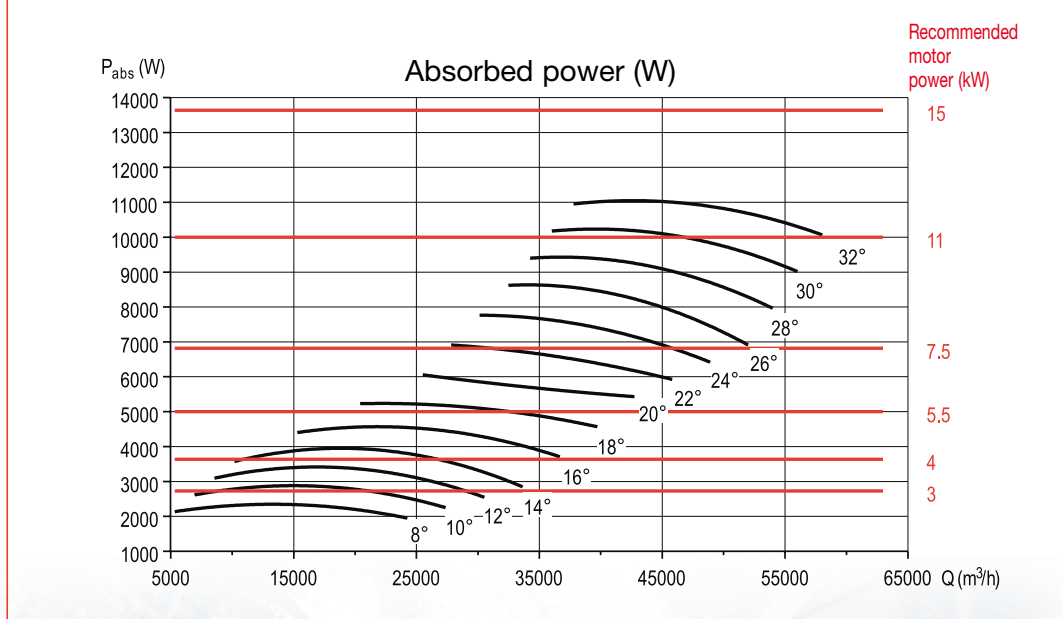
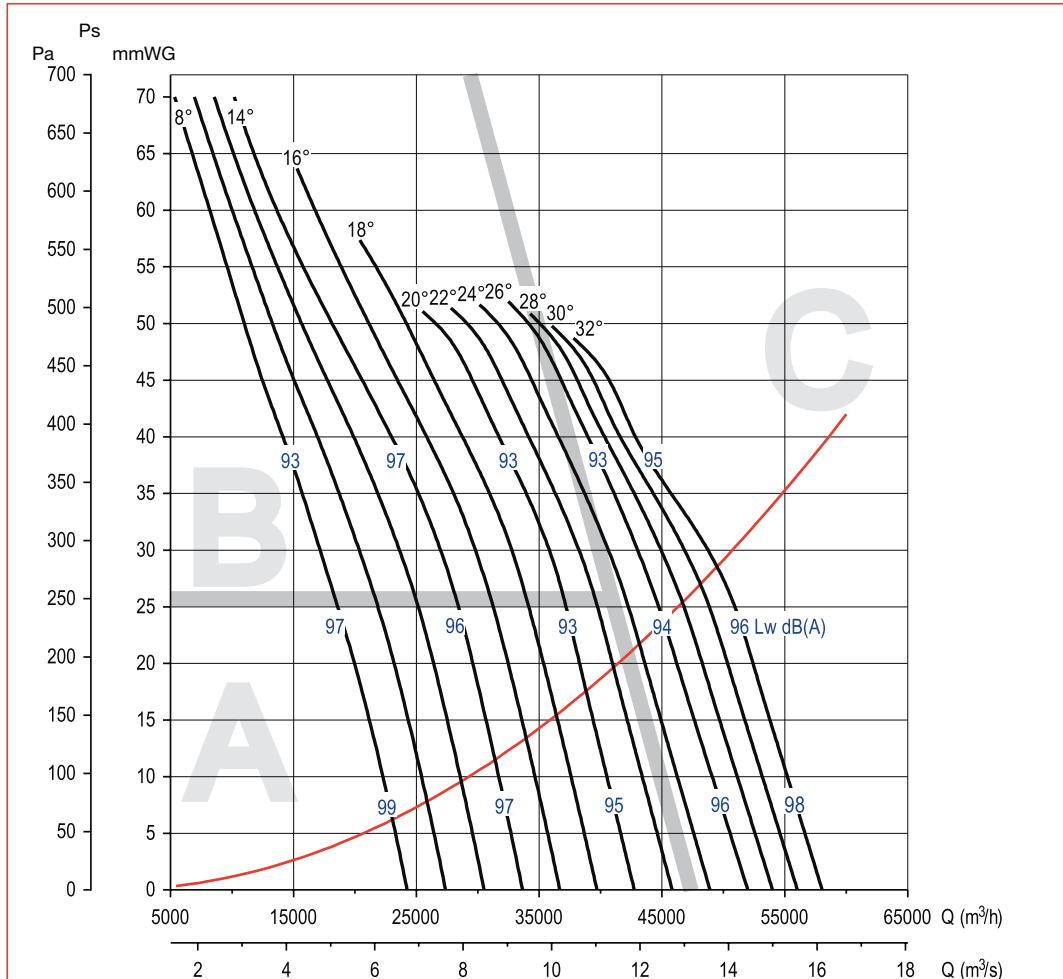
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/4-900-6/ _ ° - kW
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.



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

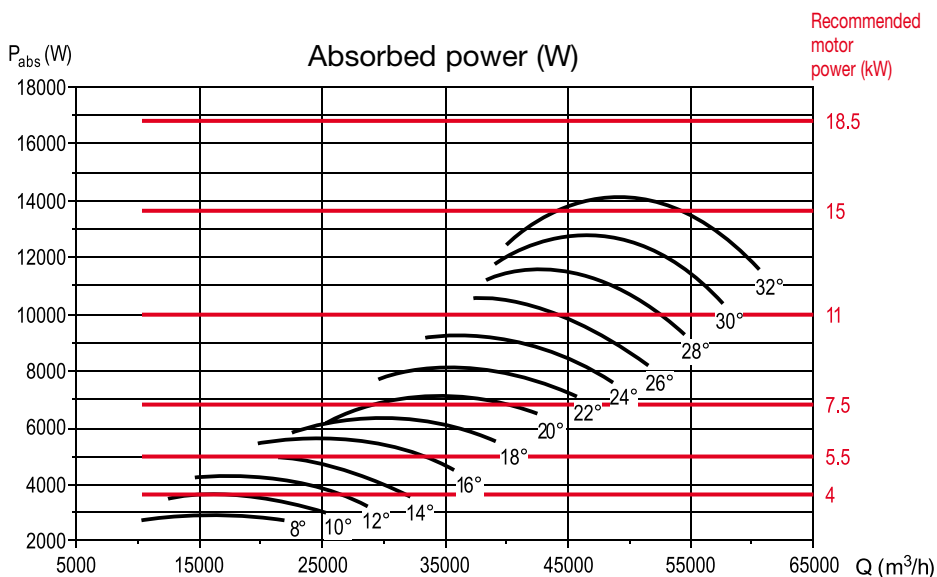
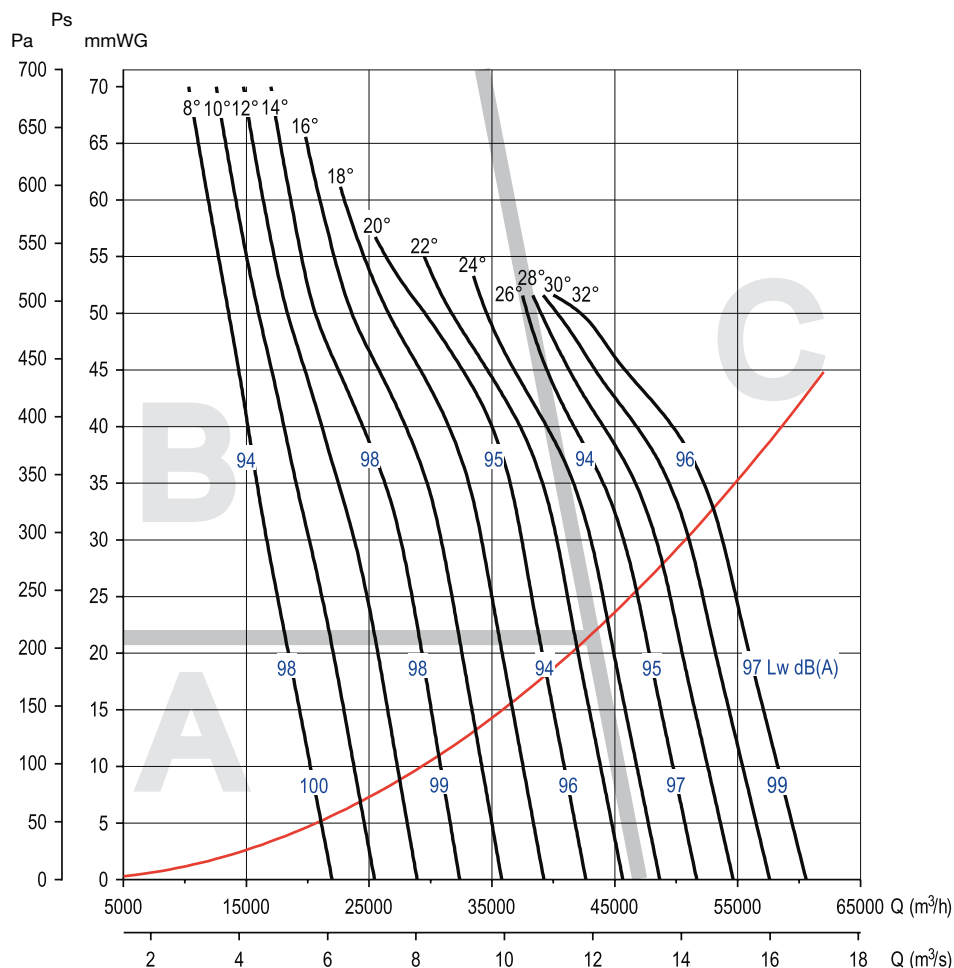
CHGT / CGT

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

CHGT/4-900-9/ _ ° - kW
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.



■ Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

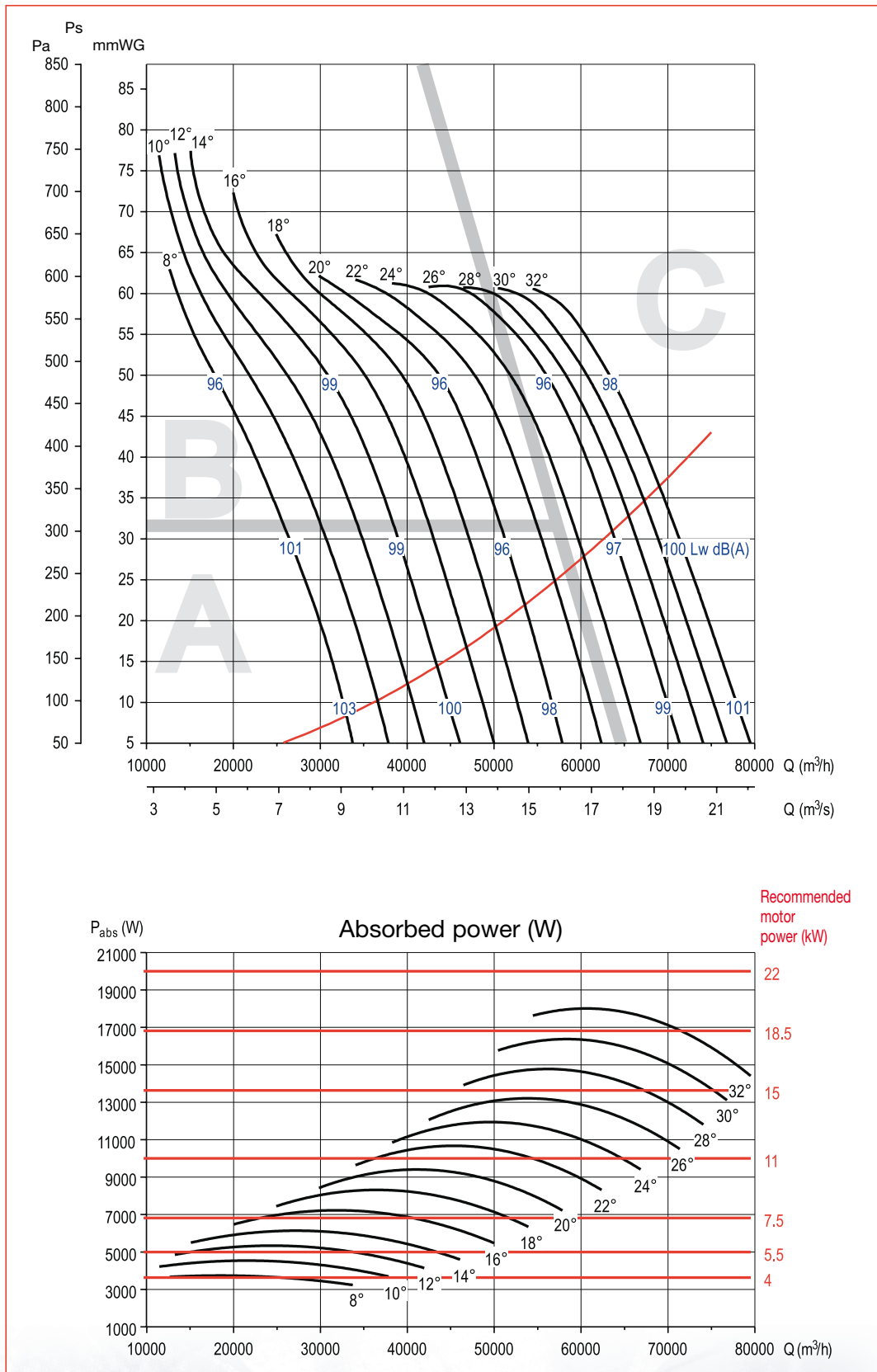
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/4-1000-6/ _ ° - _ kW
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.



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

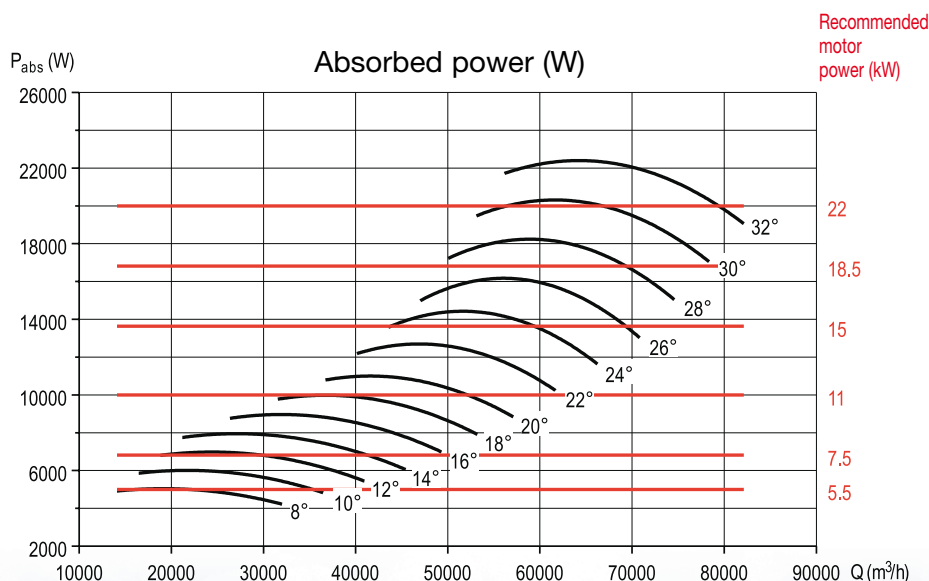
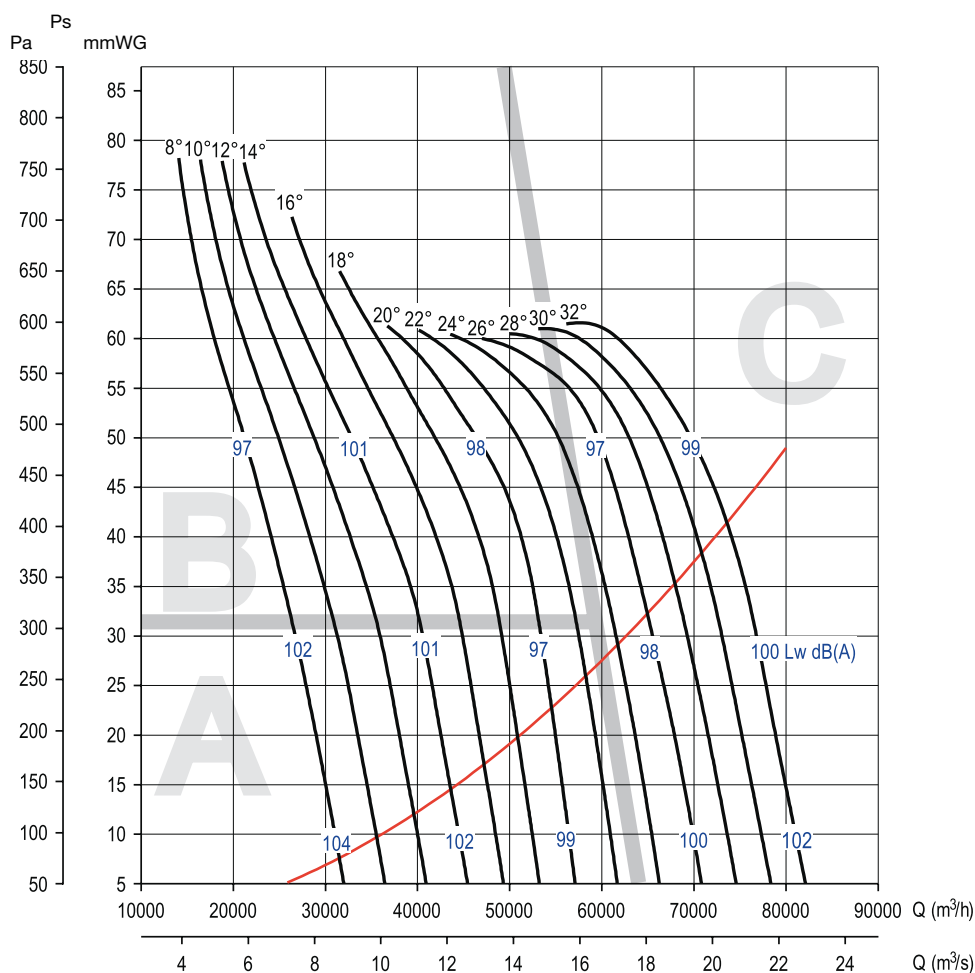
CHGT / CGT

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

CHGT/4-1000-9/ _ ° - kW
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.



CHGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

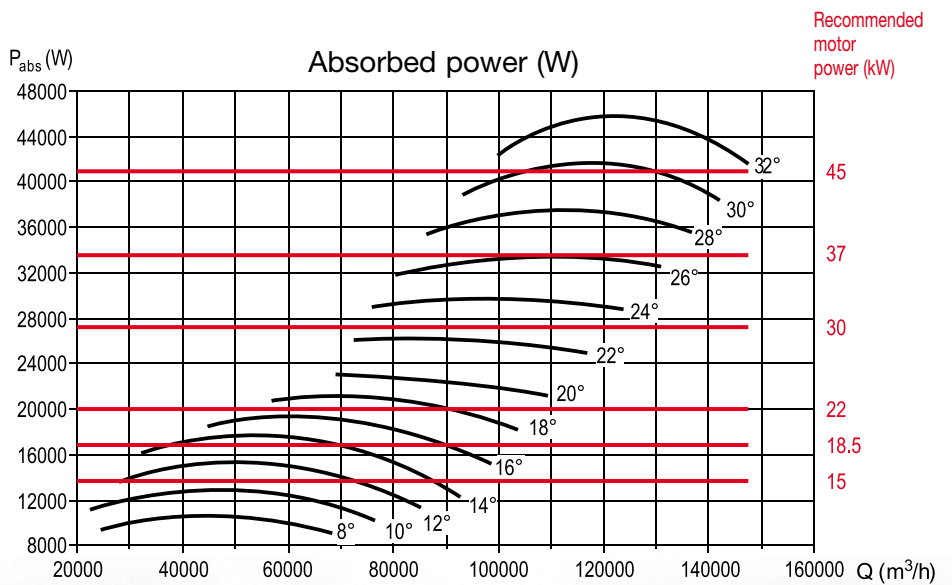
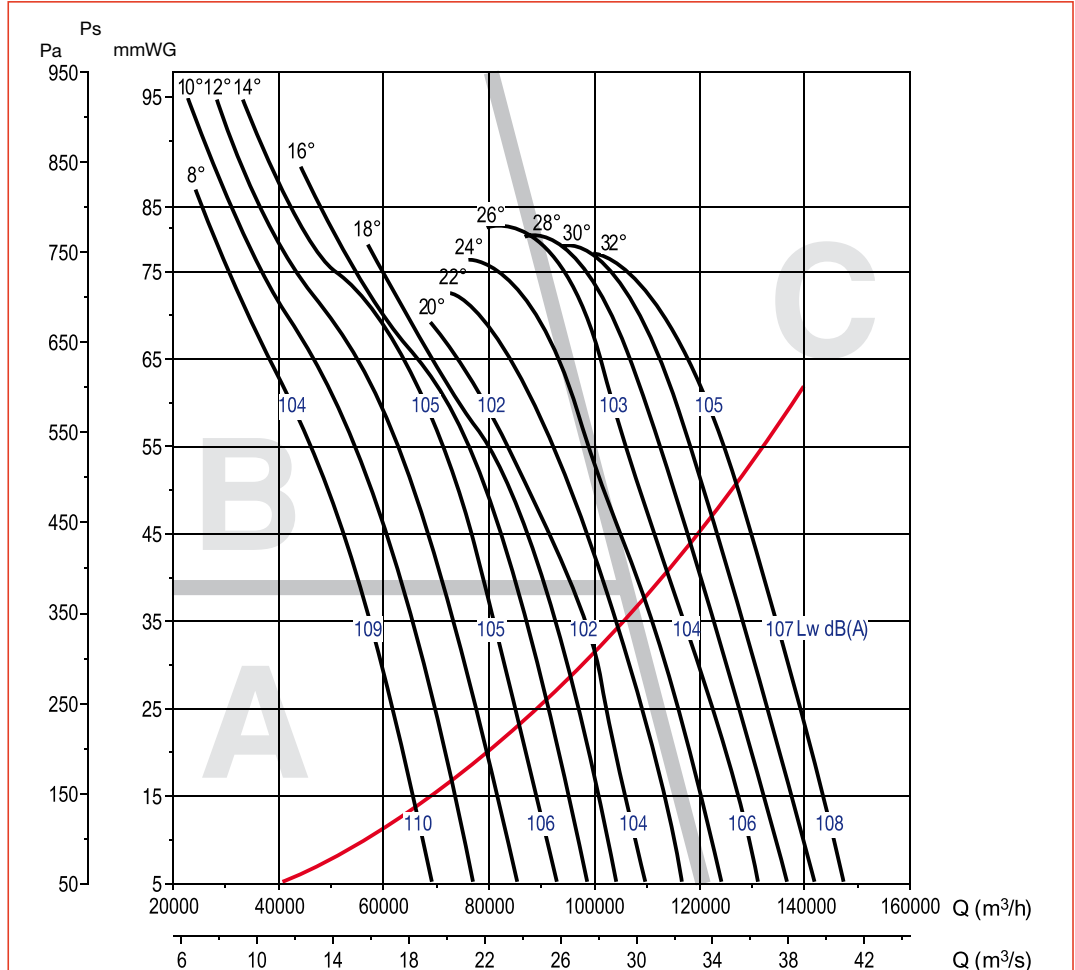
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/4-1250-6/ _ ° - _ kW
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.



CHGT

Cylindrical cased axial flow fans



Performance curves - 4 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (L_w) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (L_p DB(A)).

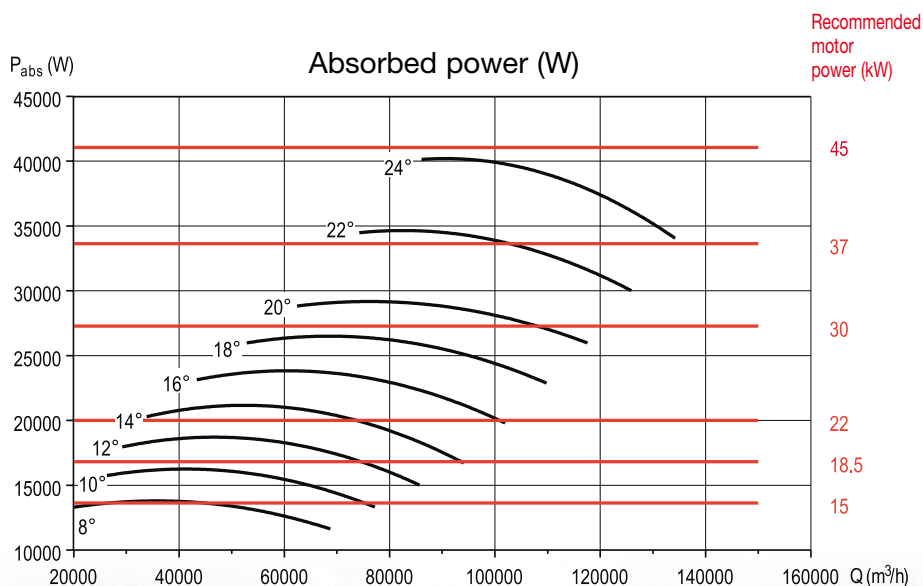
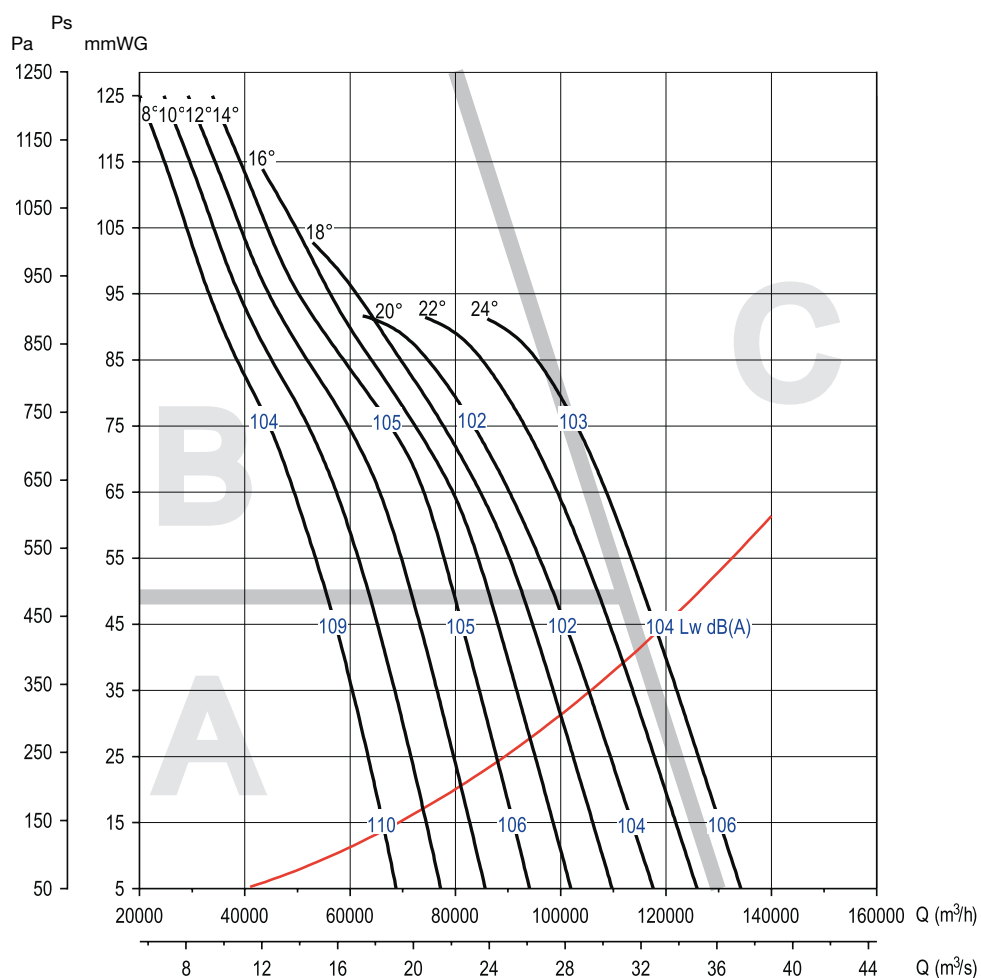
CHGT / CGT

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

CHGT/4-1250-9/ °- kW
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.



■ Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

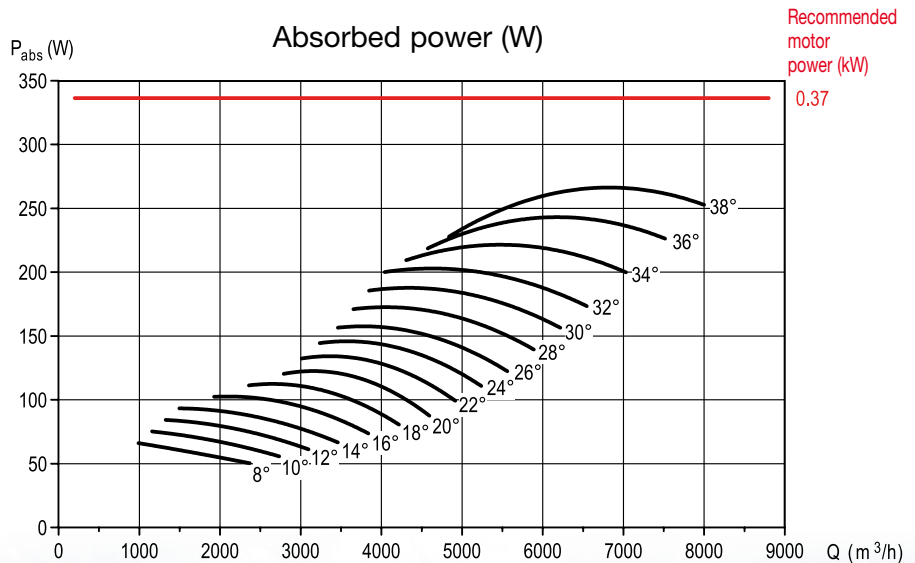
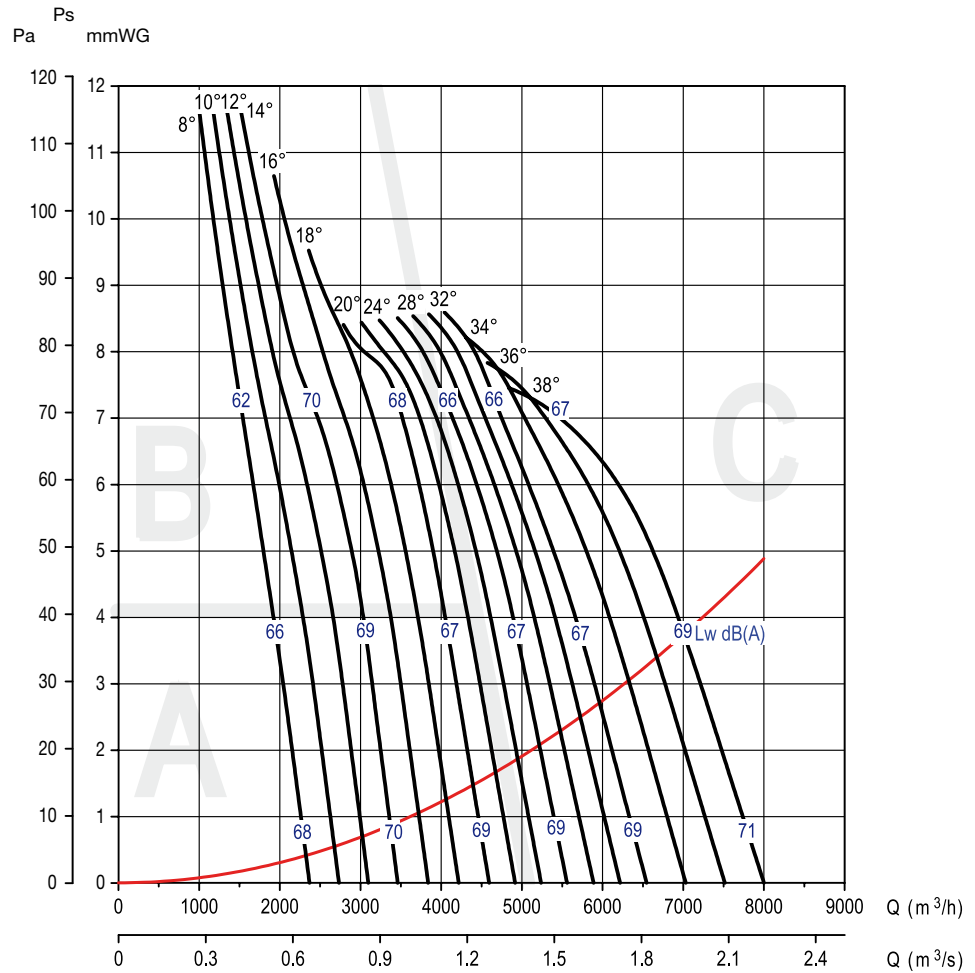
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-500-6/ _°_ kW
CGT/6-500-6/ _°_ 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.





Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

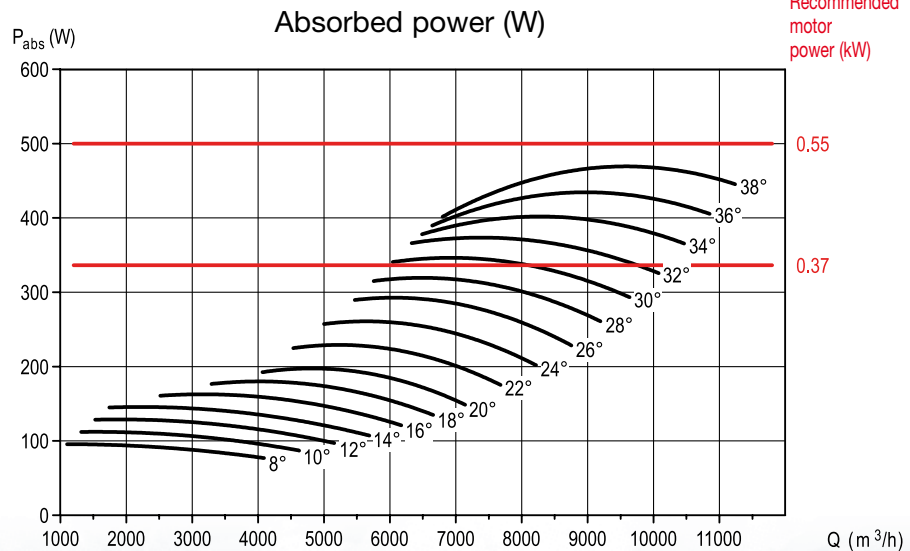
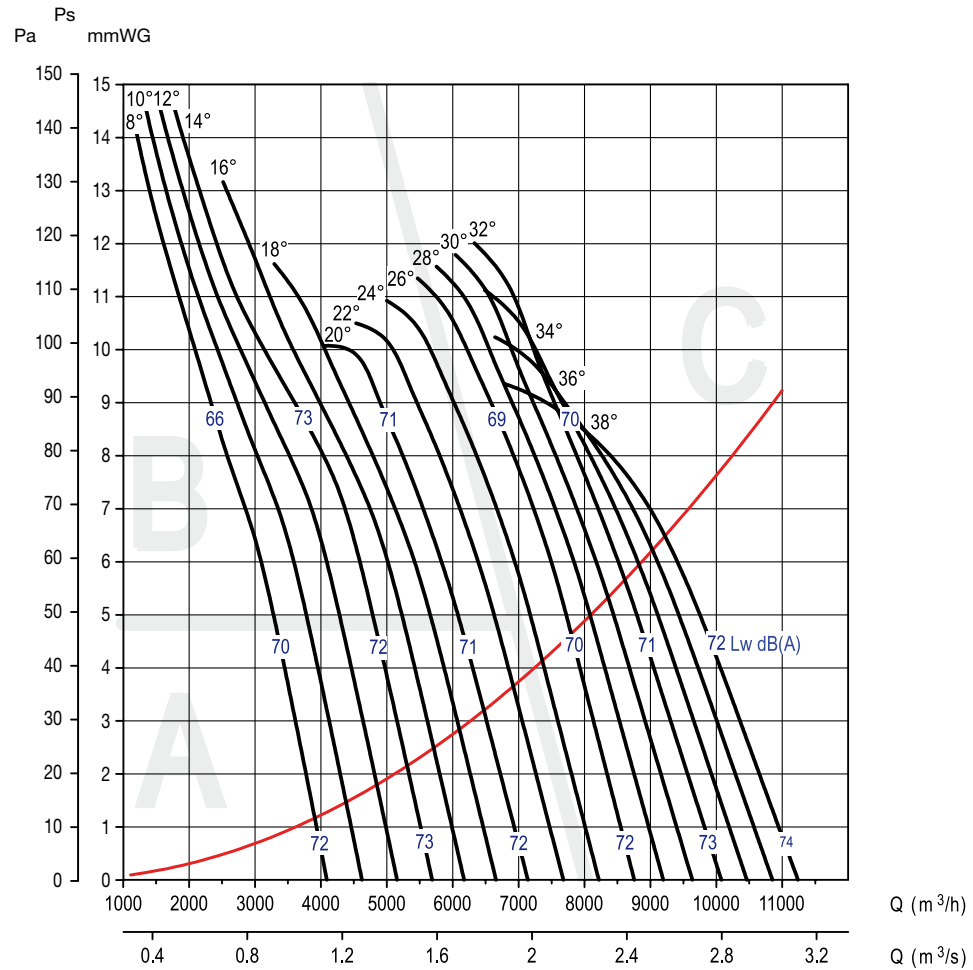
CHGT / CGT

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

CHGT/6-560-6/_°_ kW
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.



CHGT

Cylindrical cased axial flow fans



■ Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

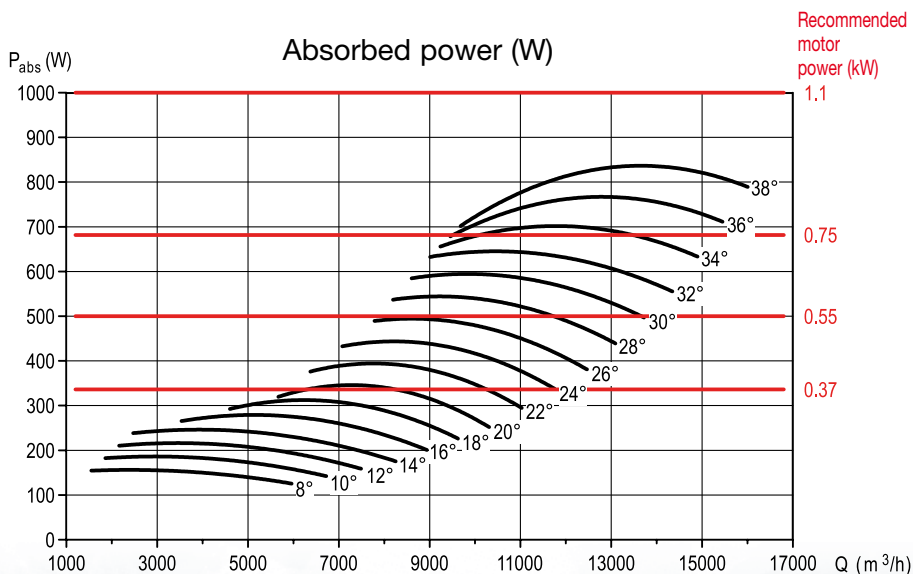
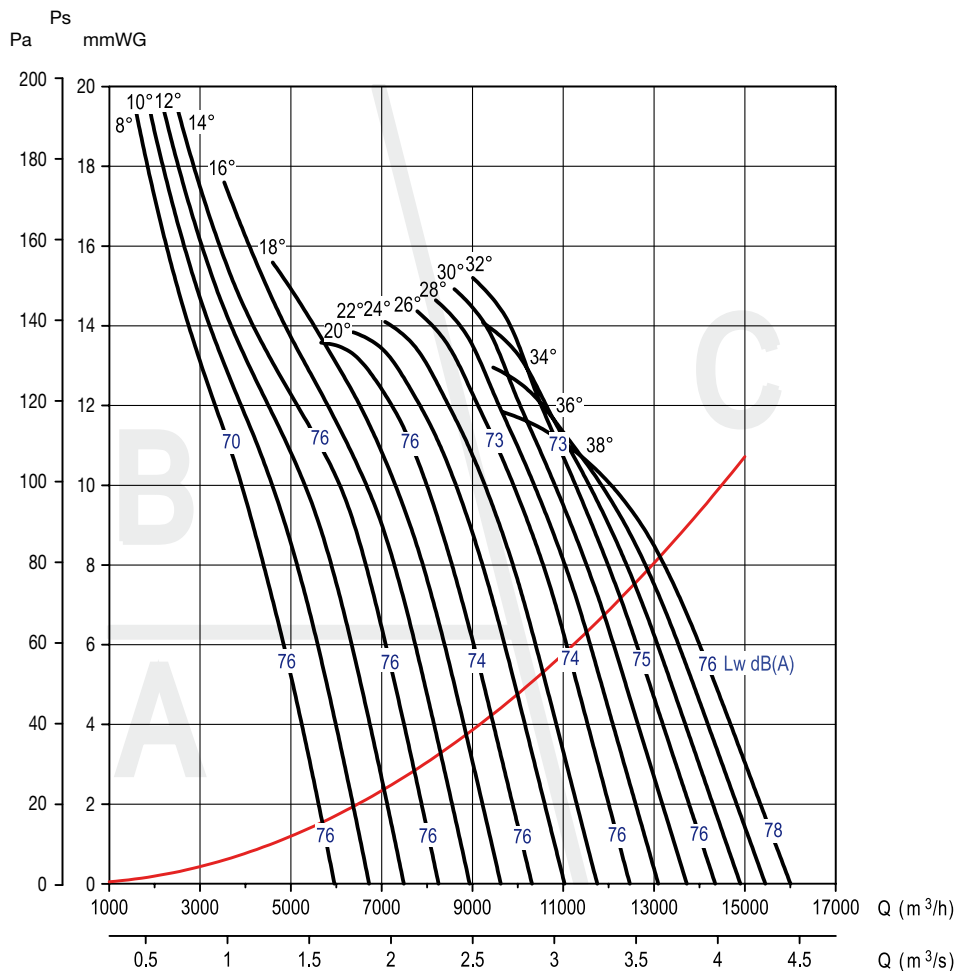
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

CHGT / CGT	
Number of poles	6
Nominal diameter (mm)	630
Number of blades	5

CHGT/6-630-5/ °- kW
CGT/6-630-5/ °- 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.



Performance curves - 6 pole motors - CHGT F300 / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

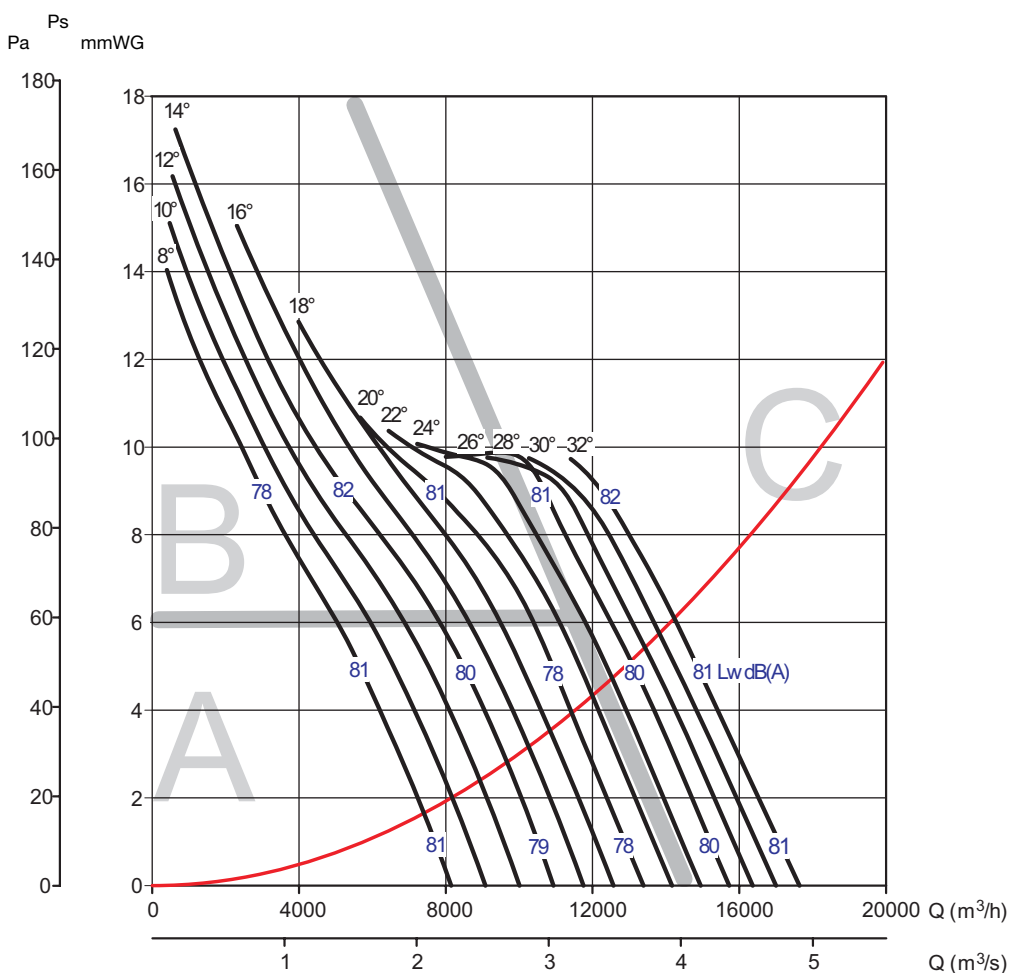
CHGT F300 / CGT

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

CHGT/6-710-3/ _ ° _ kW
CGT/6-710-3/ _ ° _ kW

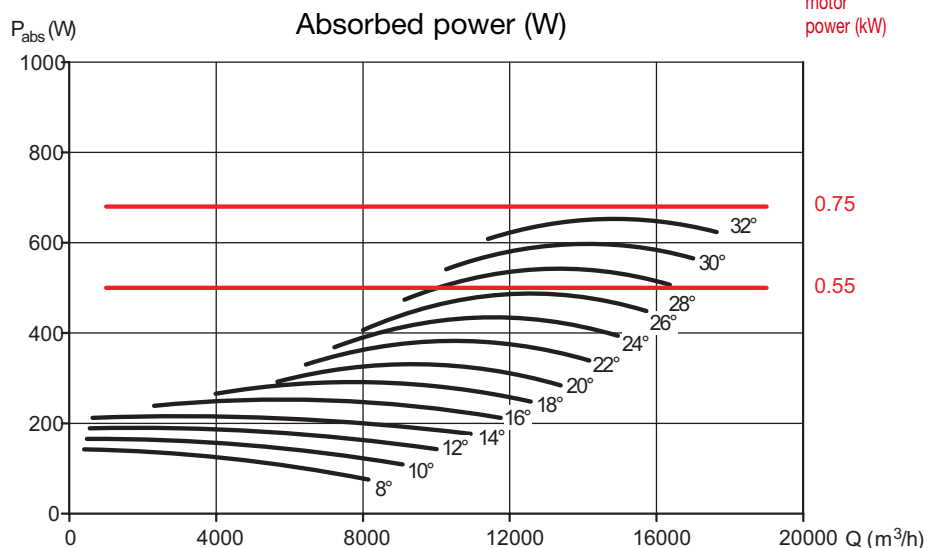
Hz	A	B	C
63	25	25	25
125	17	17	18
250	9	9	9
500	5	5	5
1000	5	5	5
2000	9	9	9
4000	14	15	15
8000	22	22	22

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



CHGT

Cylindrical cased axial flow fans



Recommended motor power (kW)





Performance curves - 6 pole motors - CHGT F300 / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

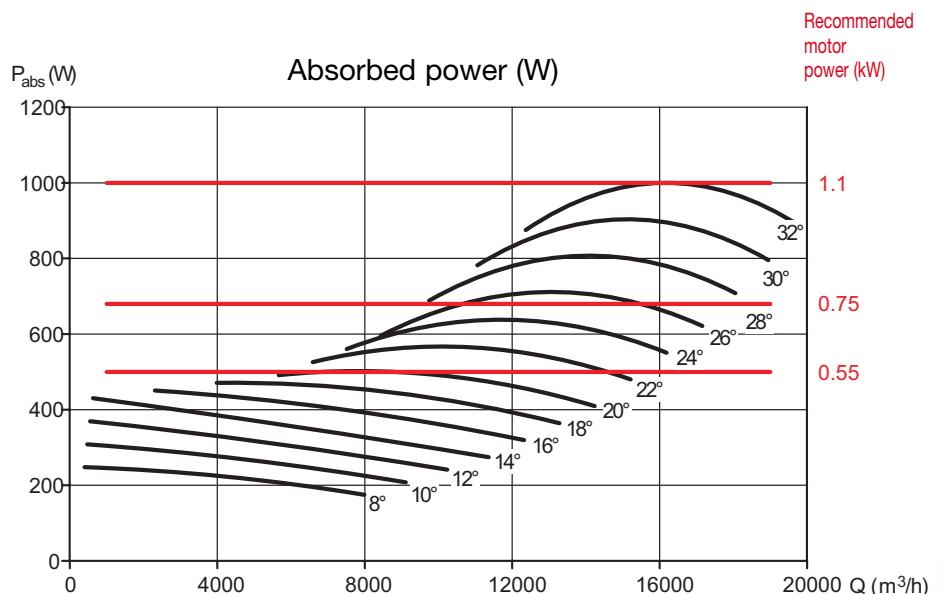
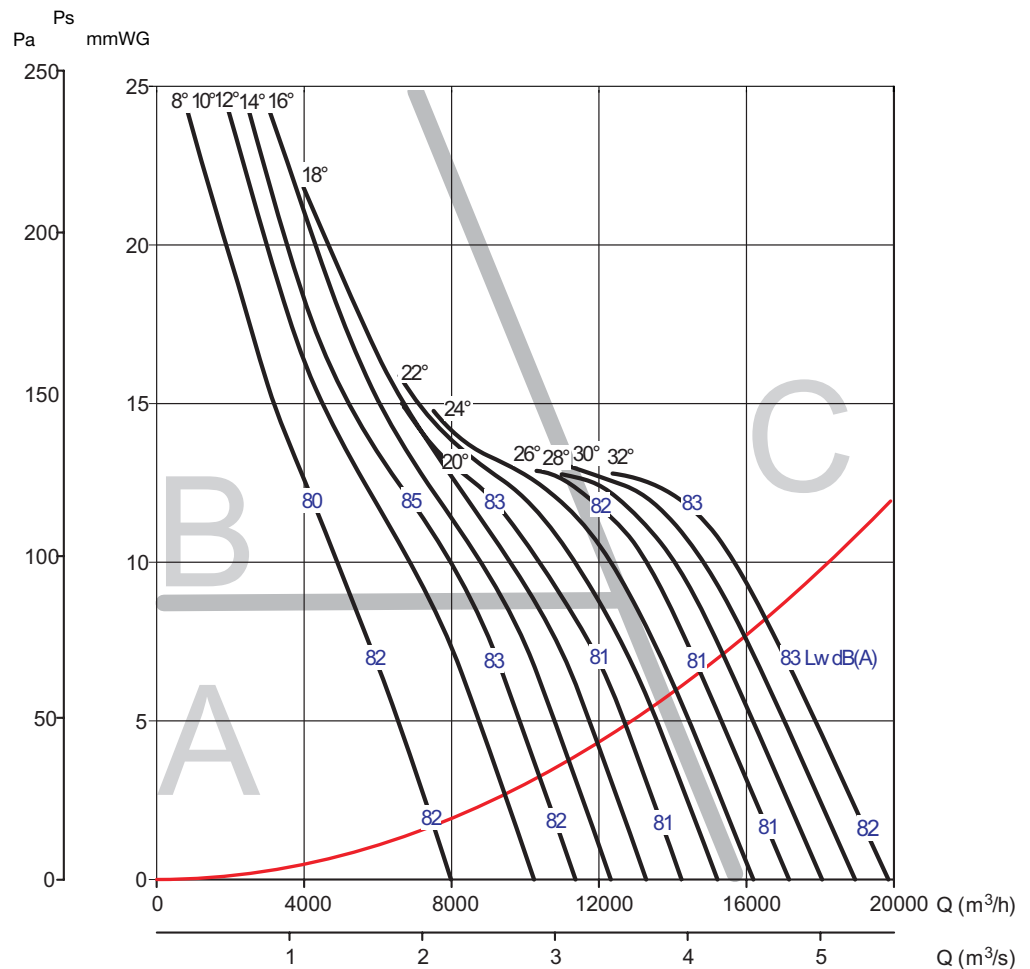
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

CHGT F300 / CGT	
Number of poles	6
Nominal diameter (mm)	710
Number of blades	6

CHGT/6-710-6/ _ ° - _ kW
CGT/6-710-6/ _ ° - _ kW

Hz	A	B	C
63	33	32	33
125	16	15	15
250	8	7	8
500	5	4	5
1000	5	4	5
2000	10	10	10
4000	17	16	16
8000	25	25	25

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



CHGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - CHGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

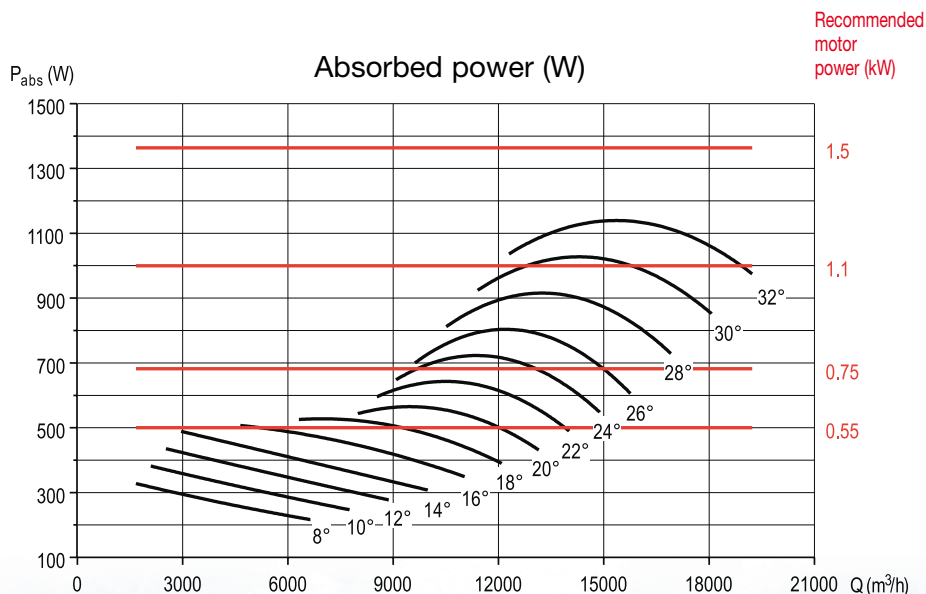
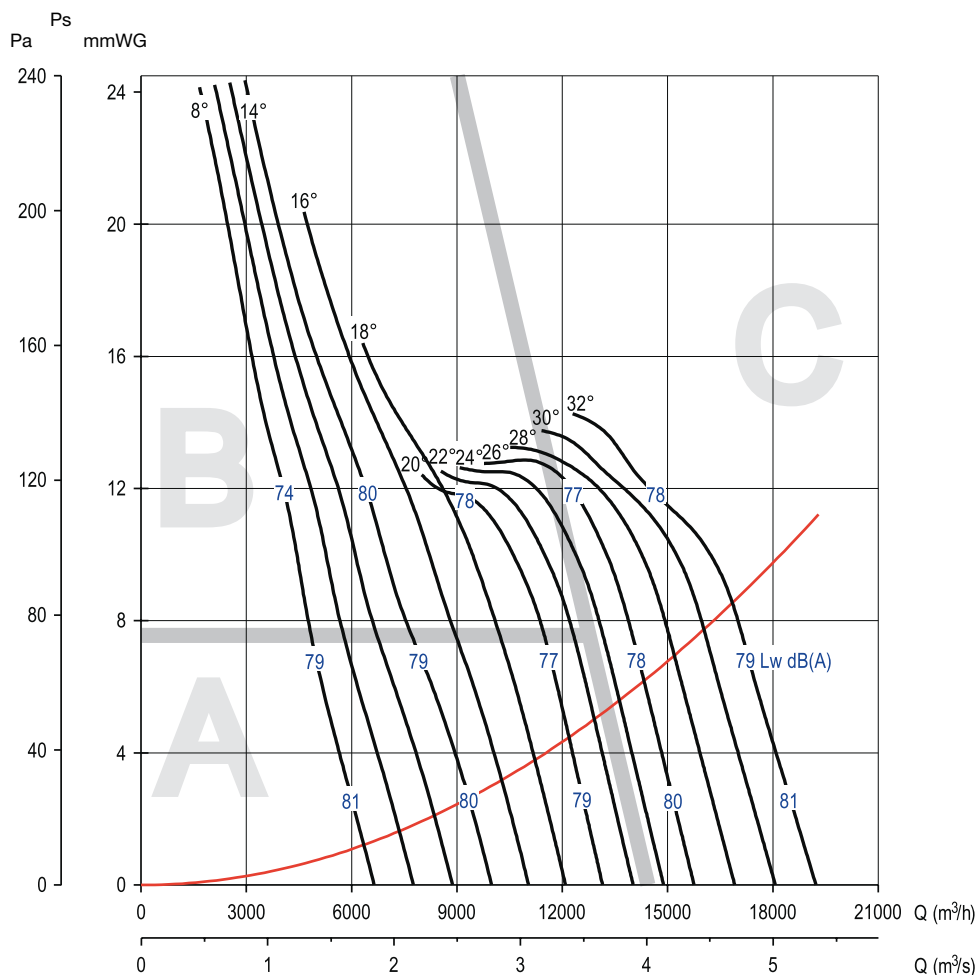
CHGT

Number of poles **6**
 Nominal diameter (mm) **710**
 Number of blades **5 or 7**

CHGT/6-710- / _ ° - 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	13	16	13
8000	19	25	21

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



Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

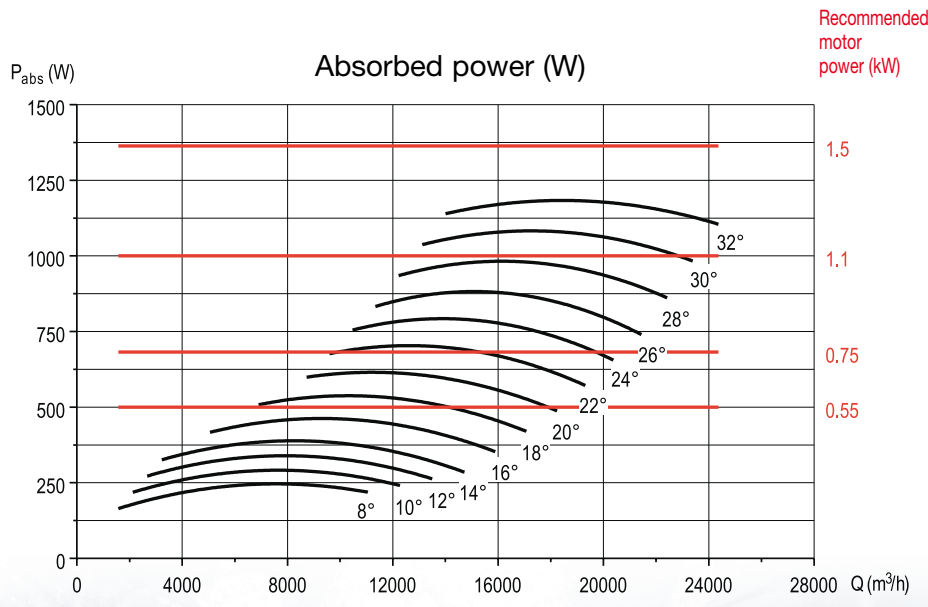
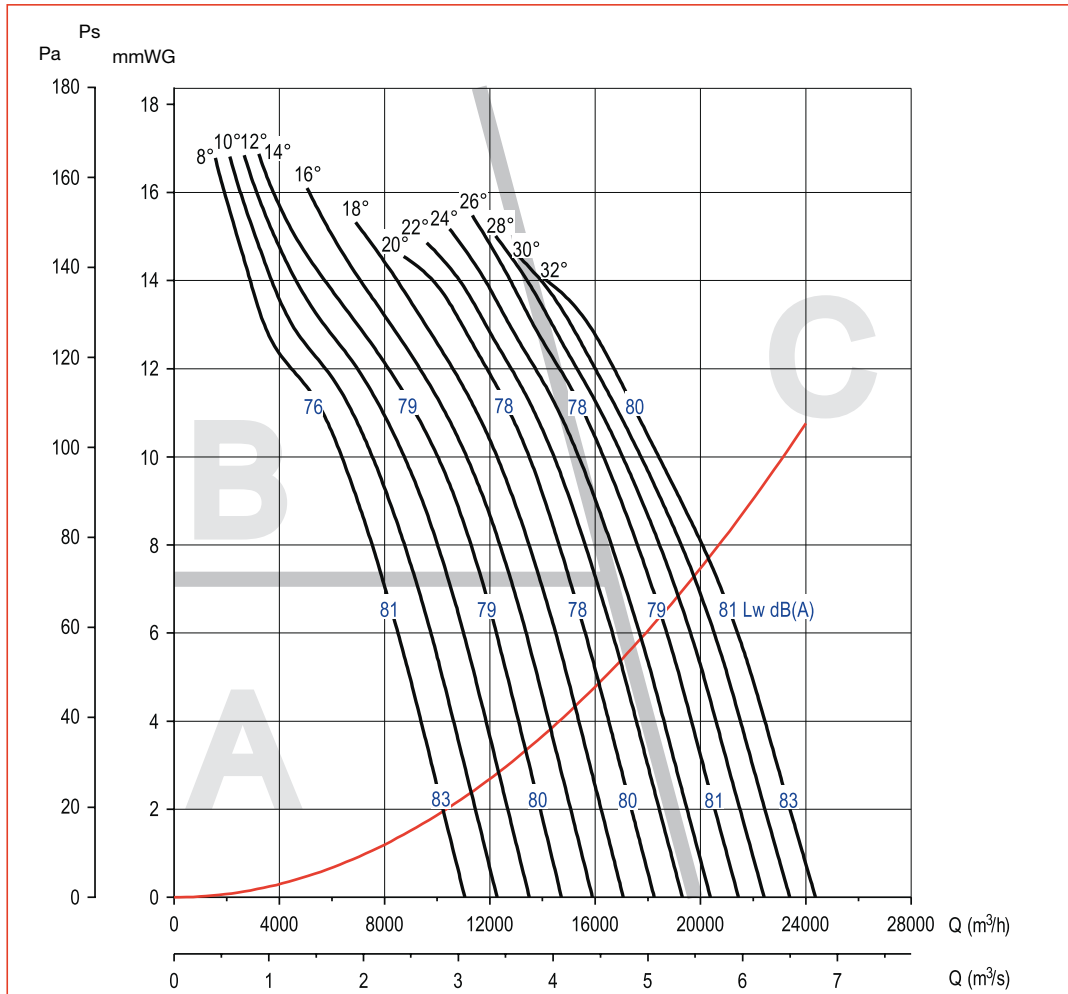
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-800-3/ _ ° _ kW
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.





Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (Lp DB(A)).

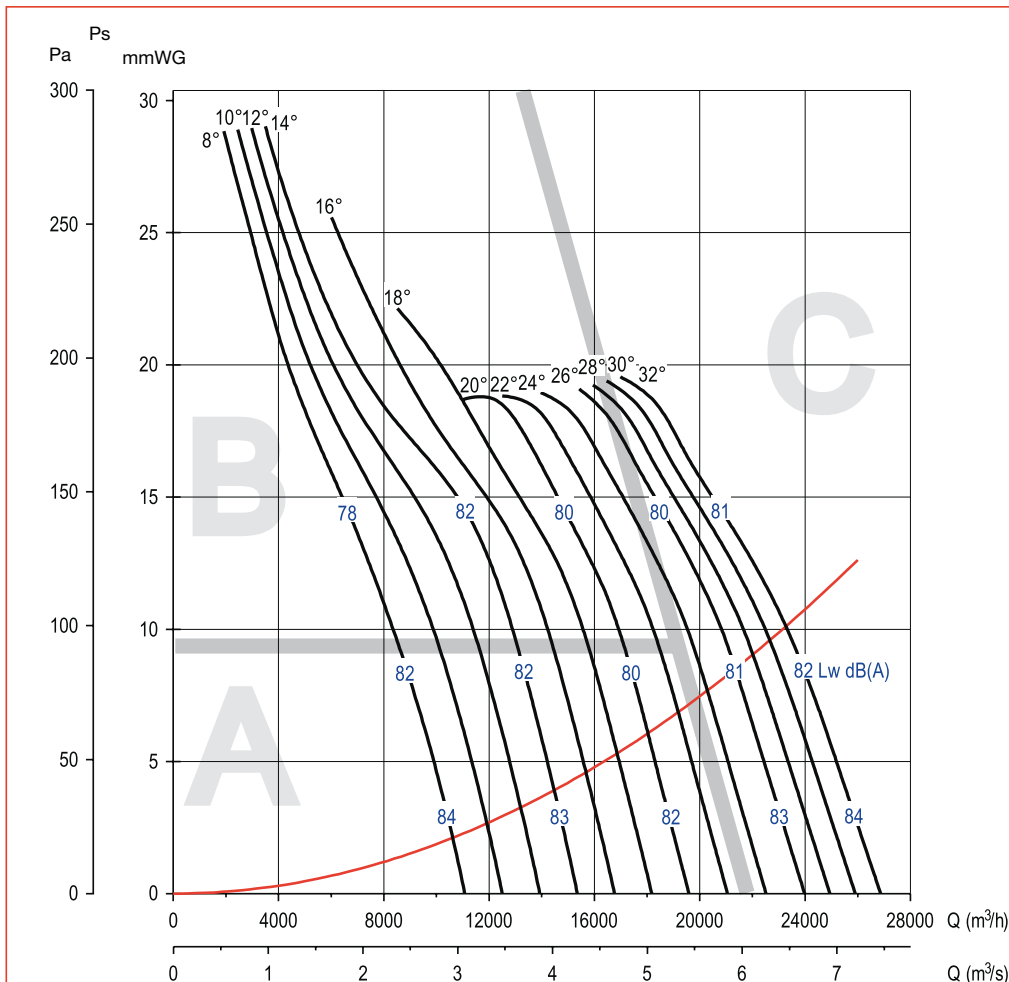
CHGT / CGT

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

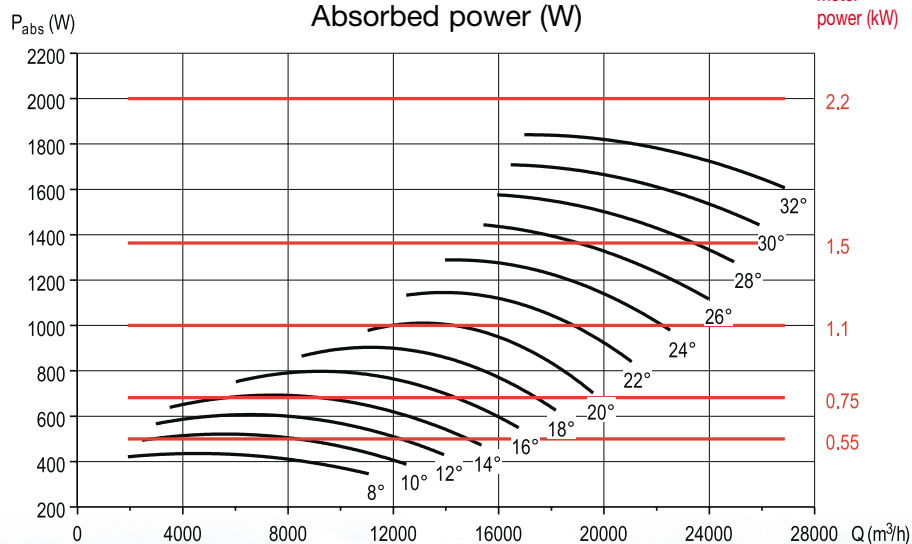
CHGT/6-800-6/_°_ kW
CGT/6-800-6/_°_ kW

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.



Absorbed power (W)



CHGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

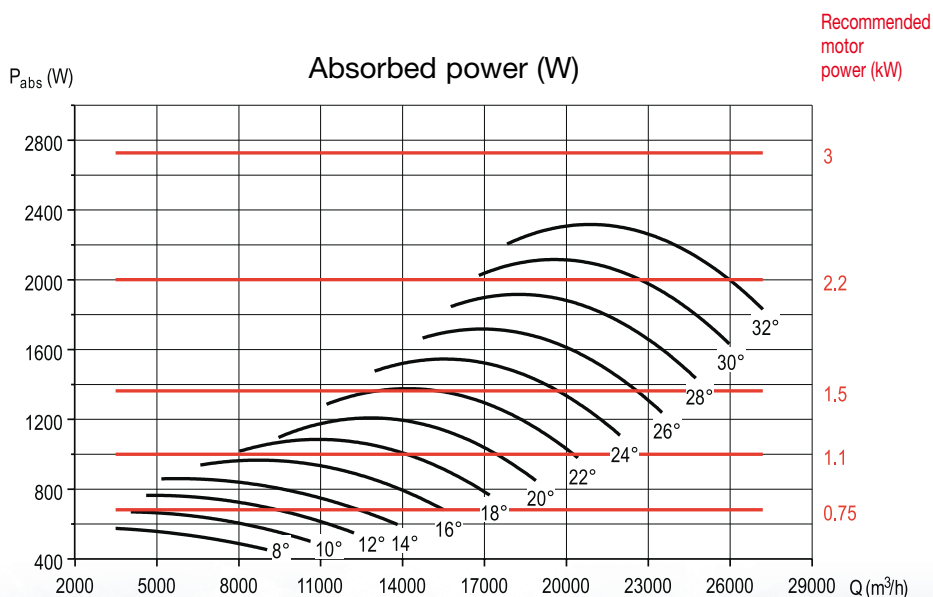
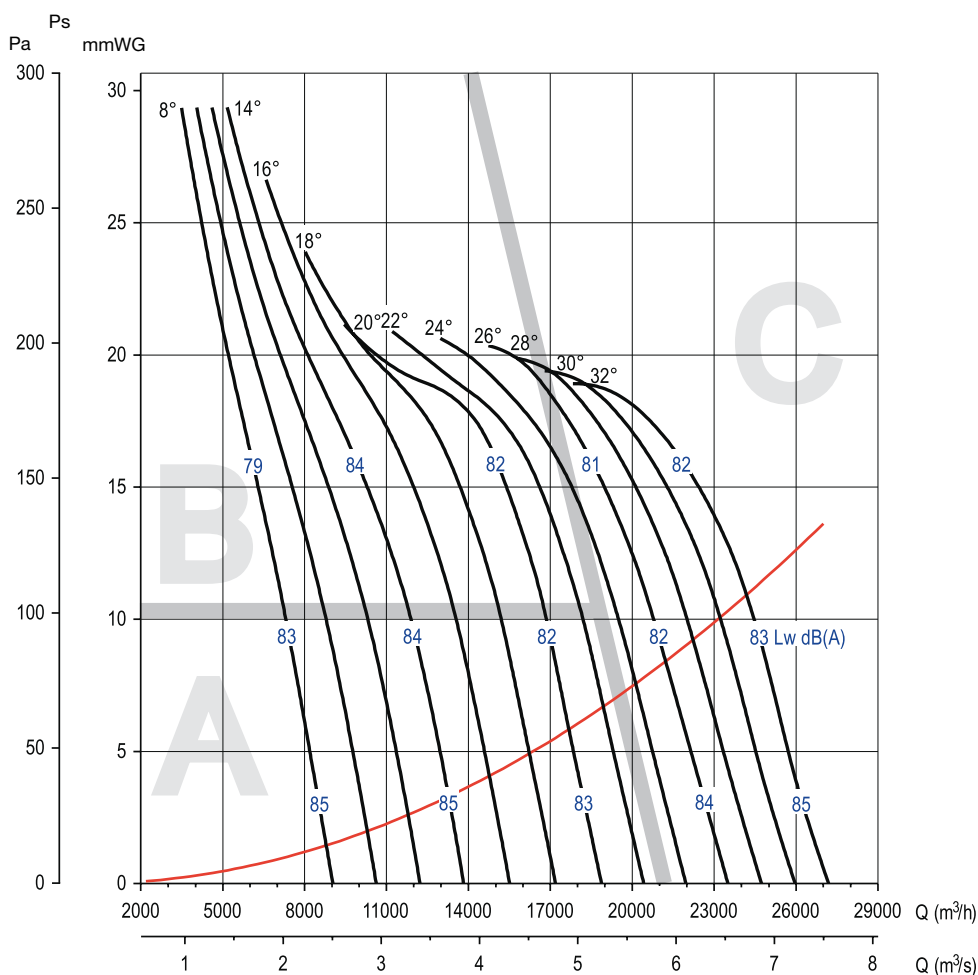
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-800-9/ _ ° - _ kW
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.



Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

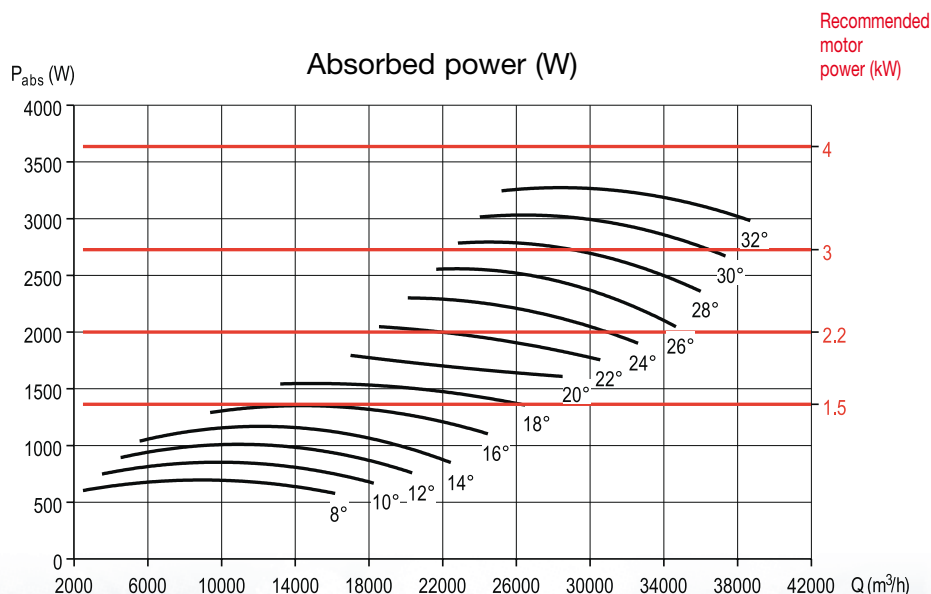
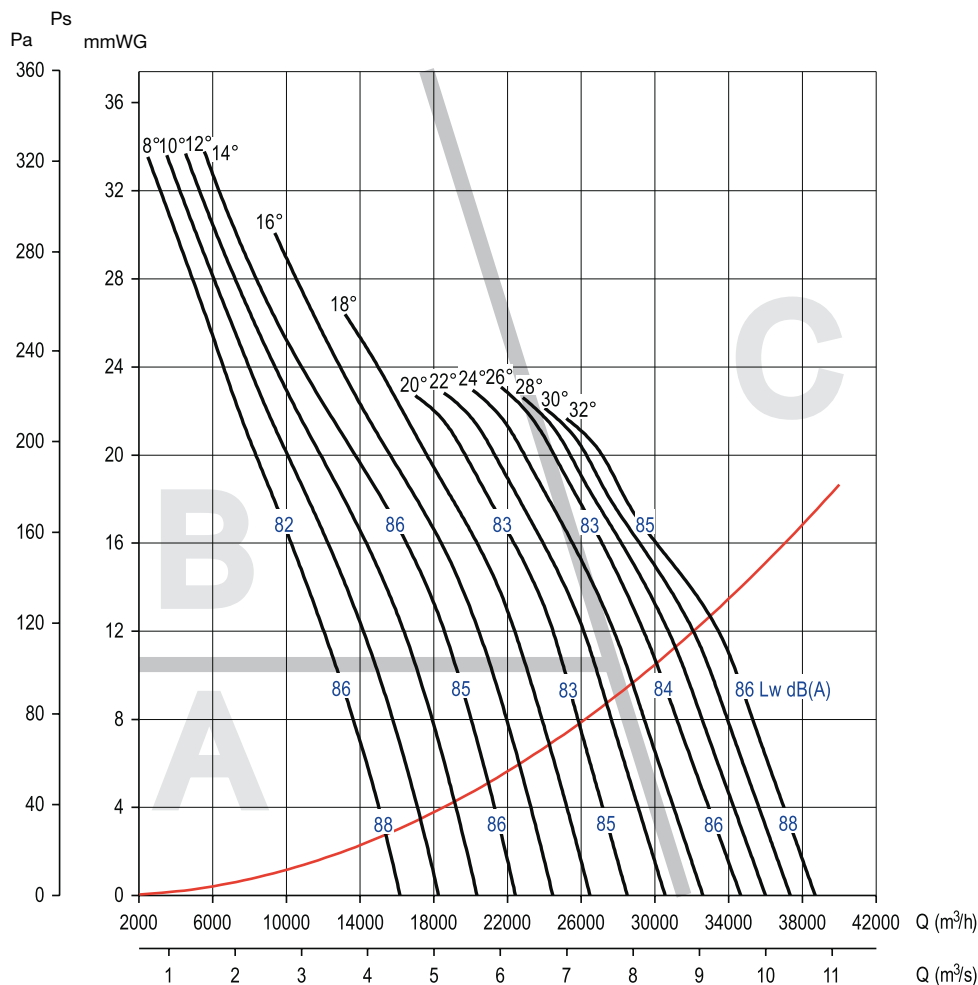
CHGT / CGT

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

CHGT/6-900-6/ _ ° _ kW
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.



■ Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

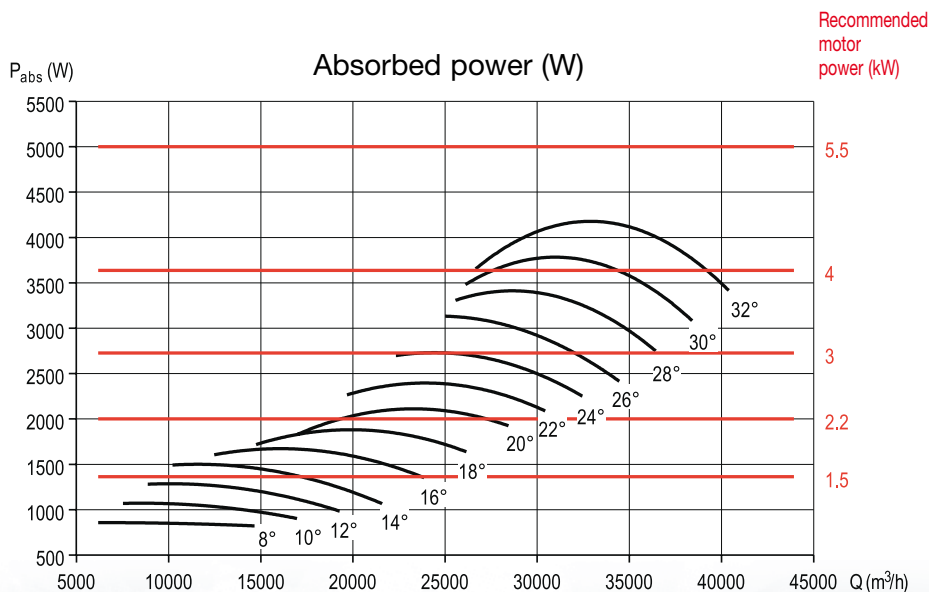
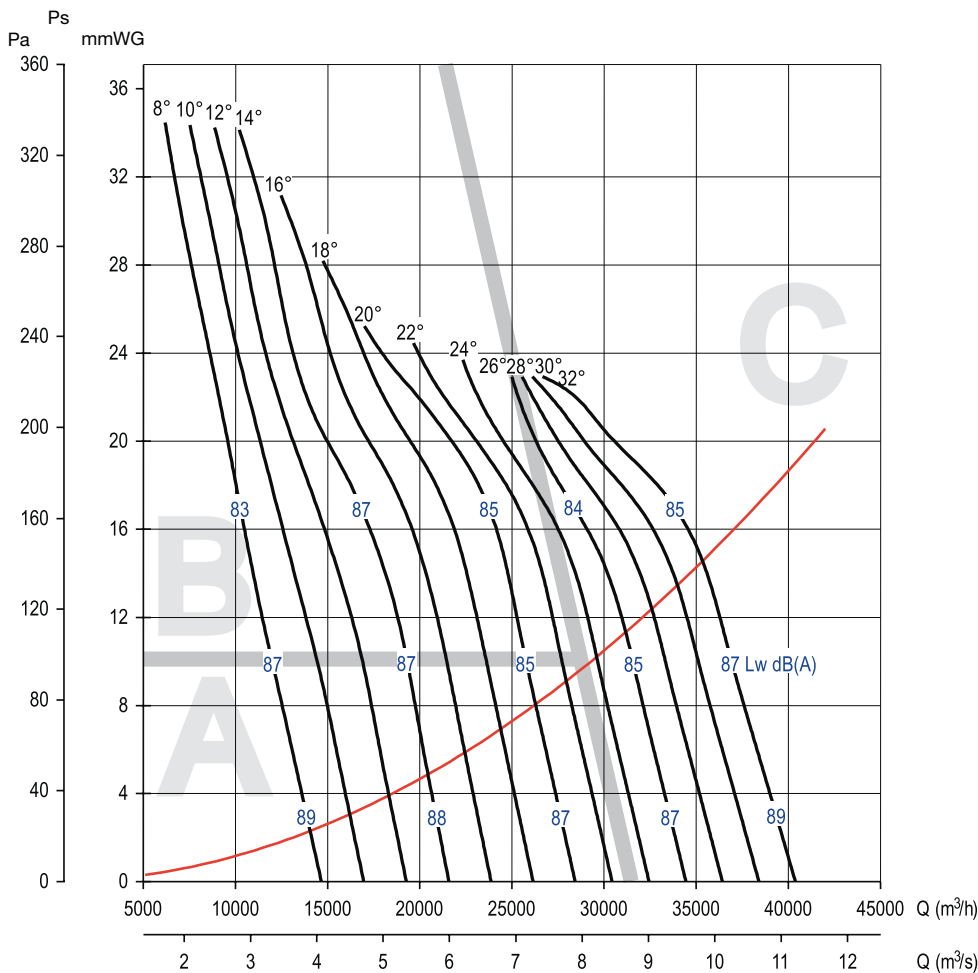
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-900-9/ _ ° _ kW
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.





Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (Lw) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (Lp DB(A)).

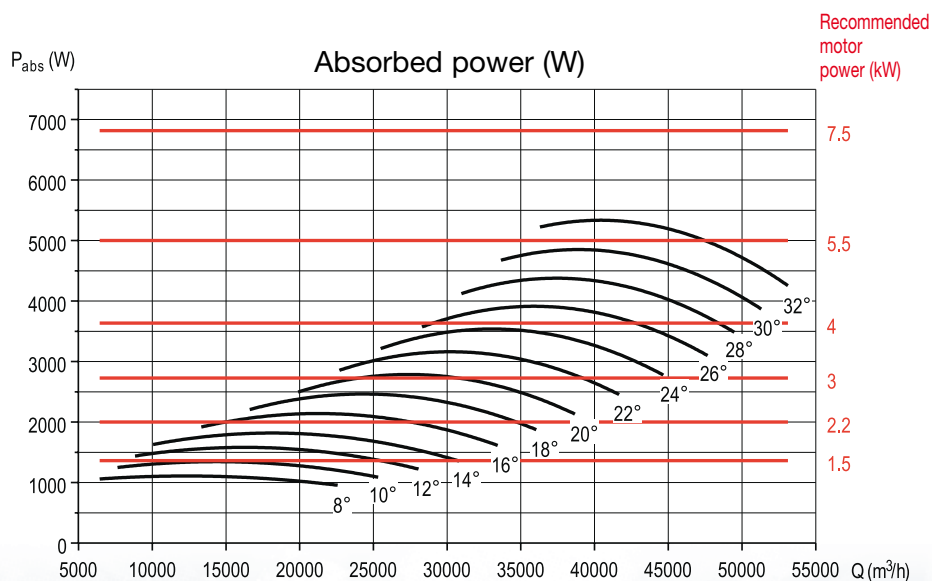
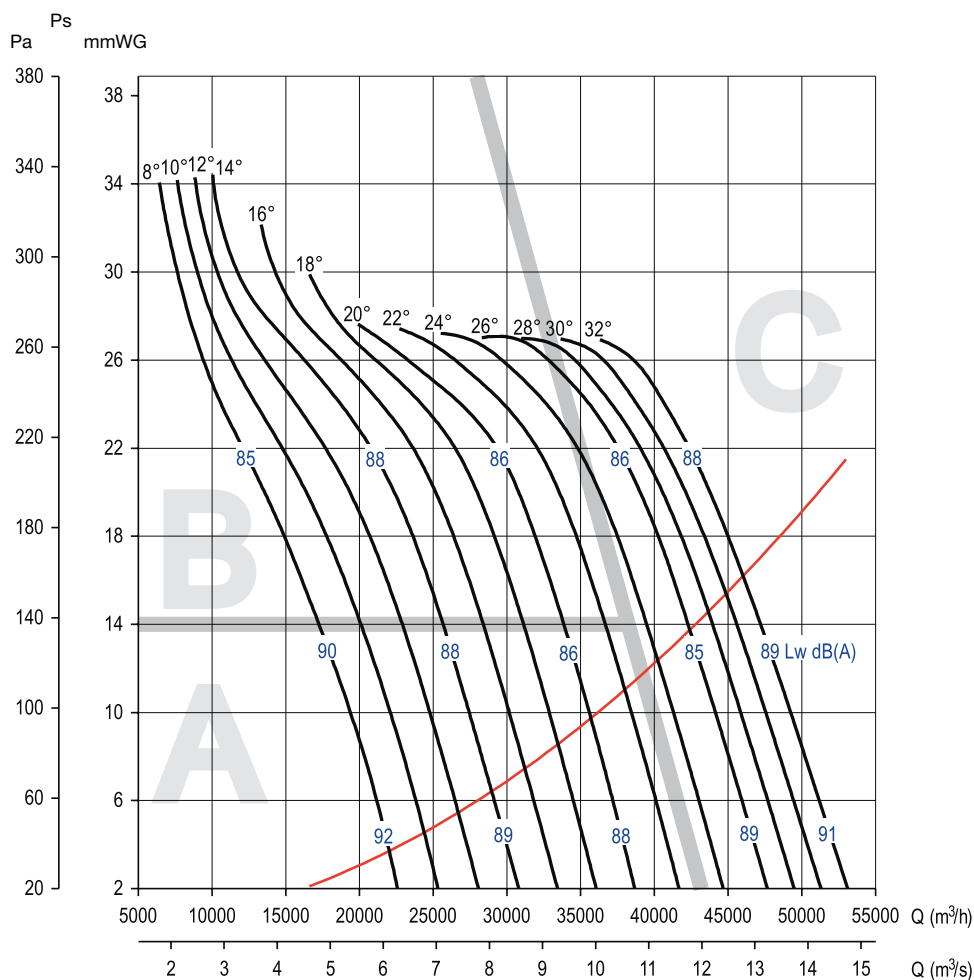
CHGT / CGT

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

CHGT/6-1000-6/ _ ° - _ kW
CGT/6-1000-6/ _ ° - _ 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.



CHGT

Cylindrical cased axial flow fans



■ Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

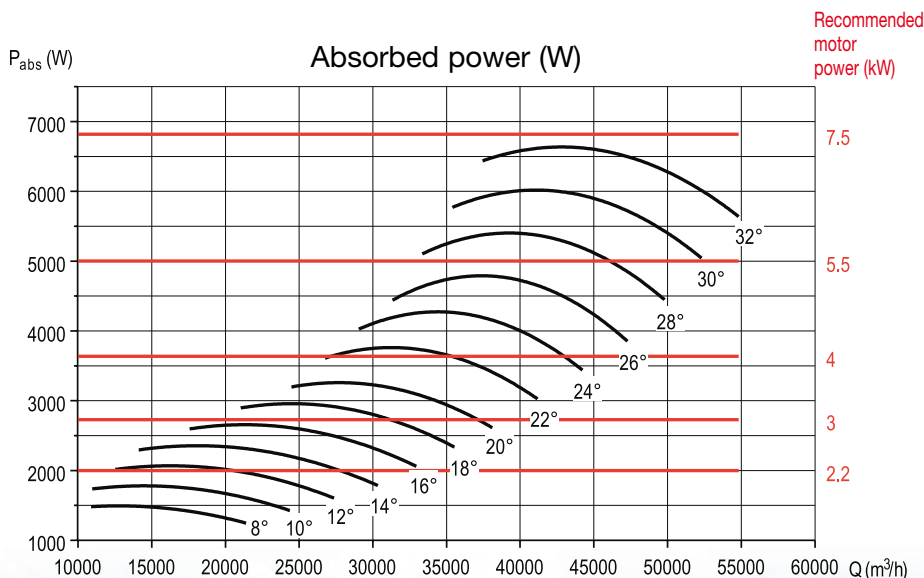
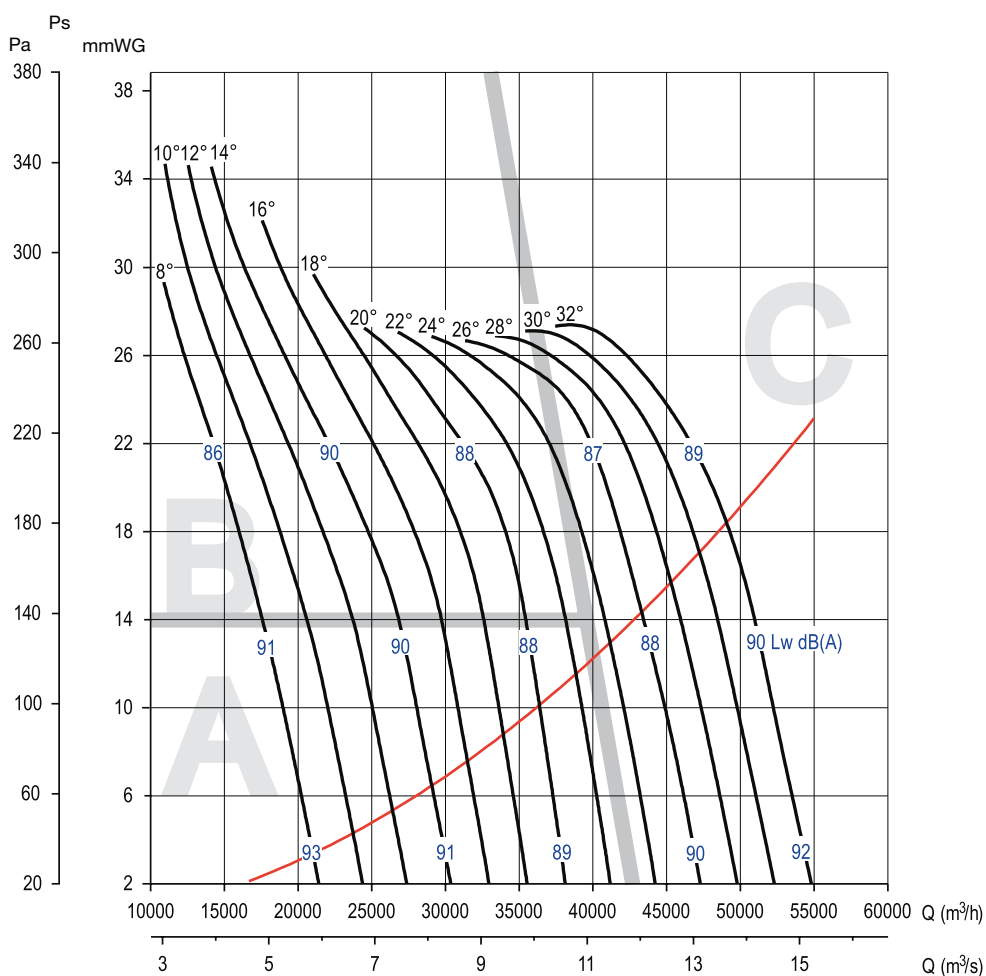
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-1000-9/ _ ° - kW
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.





Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

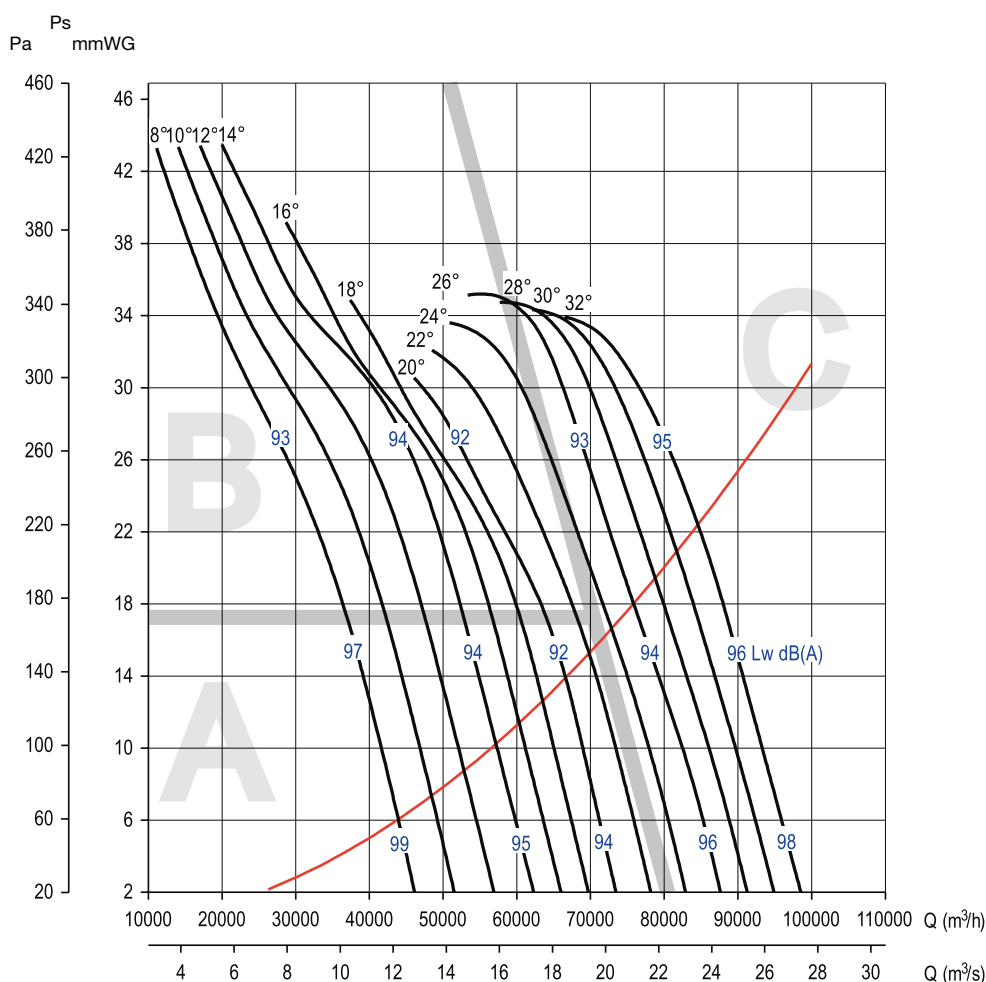
CHGT / CGT

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

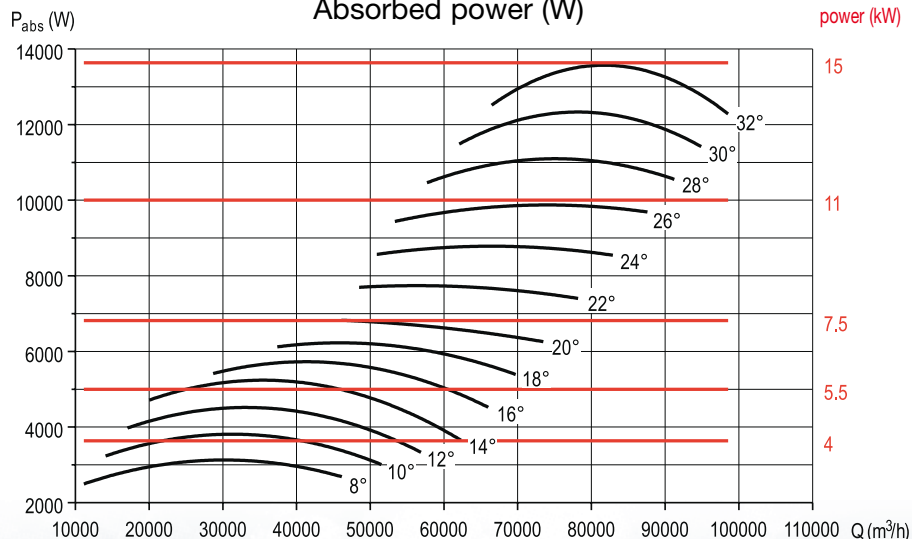
CHGT/6-1250-6/ _ ° - kW
CGT/6-1250-6/ _ ° - kW

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.



Absorbed power (W)



Recommended motor power (kW)

CHGT

Cylindrical cased axial flow fans



■ Performance curves - 6 pole motors - CHGT / CGT

- Q = Air volume in, m³/hr and m³/s.
- Ps = Static pressure in mmWG and 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 DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

CHGT/6-1250-9/ _ ° - kW
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.

