



CYLINDRICAL CASED AXIAL FLOW FANS

THGT Series

Adjustable Pitch F400-120, F300-120 and F200-120 Rated Fans

THGT

Cylindrical cased axial flow fans



Short casing



Long casing
(L version)



Officially approved to EN12101-3 standard (certificate number 0370-CPD-0348)



ON REQUEST
Officially approved to EN12101-3 standard (certificate number 0370-CPD-0742)



ON REQUEST
Officially approved to EN12101-3 standard (certificate number 0370-CPD-0349)

Range of adjustable pitch aerofoil blade, cased axial flow fans designed for smoke extract in fire conditions and certified F400-120, F300-120 and F200-120 (CE marked).

Casings formed from rolled sheet steel with a **corrosion resistant hot dipped galvanised finish for all models.**

All models F400-120 **except 2 poles** incorporate separate high grade die-cast aluminium blades locked within an aluminium injected hub (diameters from 400 to 630) or a pressed sheet steel hub. (diameters from 710 to 1250).

F300-120 and F200-120 models incorporate an aluminium injected hub (diameters from 400 to 800) or a pressed sheet steel hub. (diameters from 900 to 1250).

2 POLES F400-120 model with aluminium impeller / hub formed from a one piece casting.

All models are available in both short and long casing versions except 2 poles F400-120 model only supplied with long casing.

Long casing versions (L) include an external terminal box.

Suitable for horizontal or vertical mounting installation.

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 motors are **IP55**, class H insulation.

F300-120 motors are **IP55**, class H insulation.

F200-120 motors are **IP55**, class F 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).

Motors suitable for inverter control. In emergency operation, direct protected power supply.

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



Car Parks



Industrial
kitchens



F400-120



F300-120

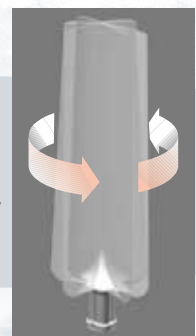


F200-120

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

THGT 2 Poles F400-120



Officially approved to EN12101-3 standard (certificate number 0370-CPD-0741)

Cased axial fan rated F400-120 for smoke extract in fire condition. Long casing formed from rolled sheet steel with a corrosion resistant hot dipped galvanised finish. Aluminium Impeller / hub formed from a one piece casting, dynamically balanced.

Motors

Available, depending upon the model:
- with three phase motors in 2 poles.
- with three phase two speed motors in 2/4 poles.

F400-120 motors are IP55 - Class H insulation and external terminal box, situated out of the airflow.

Electrical supplies:

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

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

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



Car Parks



Industrial kitchens



F400-120

Terminal box



External terminal box for ease of connection

Impeller dynamically balanced



Alluminium impeller manufactured from one piece casting. Dynamically balanced, according to ISO 1940 standard, giving vibration free operation.

Motor approved S1 and S2



F400-120, F300-120 or F200-120 certified motors approved for running continuously (S1) or for emergency operation (S2)

Corrosion resistance



Casings formed from rolled sheet steel with a corrosion resistant **hot dipped galvanized finish**

Motor support



Manufactured from electro-welded sheet steel. **F400-120 models from 400 to 800. F300-120 and F200-120 models from 400 to 800**

Aerodynamic motor support



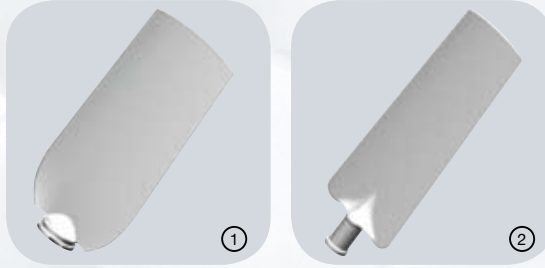
Aerodynamic design of the motor support to optimise air-flow performances **F400-120 models from 900 to 1250. F300-120 and F200-120 models from 900 to 1250**

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.
F400-120: Configuration 1: from 400 to 630 models.
 Configuration 2: from 710 to 1250 models.
F200-120 / F300-120: Configuration 1: from 400 to 800 models.
 Configuration 2: from 900 to 1250 models.

Terminal box



External terminal box for ease of connection (Long casing version)

Motor powers (kW) for THGT product range

MOTORS F200-120	1 SPEED	2 POLES			1,1	1,5	2,2	3	4	5,5	7,5			11						
		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	
		6 POLES	0,55	0,75	1,1	1,5	2,2	3	4	5,5	7,5			11	15	18,5	22			
	2 SPEED	2/4 POLES			1,1/0,25	1,5/0,33	2,2/0,45	3/0,6	4,5/1	6,2/1,3		8,3/1,7								
		4/8 POLES	0,55/0,13	0,75/0,17	1,1/0,26	1,7/0,35	2,3/0,5	3/0,65		5/1	6,8/1,4	8,4/2,05	10,5/2,2	15,5/2,7	17/3,4	22/4,4	29/6,5	33/8	42/10	
		6/12 POLES		0,75/0,12		1,3/0,2	2,2/0,37		4/0,75		7,5/1,3		11/1,8	15/2,5	18,5/3,7	25/4,5				
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				
	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	17/4,3	20/5				
MOTORS F400-120	1 SPEED	2 POLES		0,75	1,1	1,5	2,2	3	4	5,5	7,5		11	15						
		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				
	2 SPEED	2/4 POLES		0,8/0,2	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	9,2	12/3		16/4					
		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	30/8	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	17/4,3	20/5				

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

Reference

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

- 1 - : Product range
- 2 - : Number of poles
- 3 - : Diameters
- 4 - : Number of blades
- 5 - : Blade pitch angle
- 6 - : Airflow direction
B: Impeller - Motor
A: Motor - Impeller
- 7 - : **Blank:** With short casing without external terminal box
K: With short casing with external terminal box
L: With external terminal box
LP: Without external terminal box and with inspection box
- 8 - : Motor Power

Technical 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.

THGT 1 speed models

Technical Characteristics - 2 POLES - 2950 rpm (Impeller from one piece)

Model	Motor power (kW)	Full load current (A)		Weight (kg)	Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230V	400V				230V	400V	
THGT/2-400-6/17	0,75	2,72	1,57	48	THGT/2-560-6/17	4	-	7,50	101
THGT/2-400-6/22	0,75	2,72	1,57	48	THGT/2-560-6/22	5,5	-	10,30	120
THGT/2-400-6/27	1,1	4,02	2,32	48	THGT/2-560-6/27	7,5	-	13,60	124
THGT/2-400-6/32	1,5	5,21	3,01	53					
					THGT/2-630-6/17	7,5	-	13,60	133
THGT/2-450-6/22	1,5	5,21	3,01	60	THGT/2-630-6/22	9,2	-	17,00	141
THGT/2-450-6/27	2,2	7,76	4,48	60	THGT/2-630-6/27	11	-	20,00	175
THGT/2-450-6/32	3	10,43	6,02	63	THGT/2-630-6/32	15	-	27,00	181
THGT/2-500-6/17	1,5	5,21	3,01	63					
THGT/2-500-6/22	3	7,76	4,48	73					
THGT/2-500-6/27	4		7,50	88					

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)		Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing			230 V	400 V	Short casing	Long casing
THGT/4-400-6/-0,55	0,55	2,36	1,36	38	44	THGT/4-710-7/-2,2	2,2	8,23	4,75	75	98
THGT/4-450-6/-0,55	0,55	2,36	1,36	39	45	THGT/4-710-7/-3	3	11,21	6,47	78	101
						THGT/4-710-7/-4	4	-	8,18	91	114
THGT/4-500-6/-0,55	0,55	2,36	1,36	45	51	THGT/4-710-7/-5,5	5,5	-	11,00	104	127
THGT/4-500-6/-0,75	0,75	3,20	1,85	46	52						
THGT/4-500-6/-1,1	1,1	4,23	2,44	51	57	THGT/4-800-3/-1,1	1,1	4,52	2,61	76	97
						THGT/4-800-3/-1,5	1,5	5,70	3,29	77	98
THGT/4-560-6/-0,55	0,55	2,36	1,36	54	71	THGT/4-800-3/-2,2	2,2	8,23	4,75	83	104
THGT/4-560-6/-0,75	0,75	3,20	1,85	55	72	THGT/4-800-3/-3	3	11,21	6,47	86	107
THGT/4-560-6/-1,1	1,1	4,52	2,61	60	77	THGT/4-800-3/-4	4	-	8,18	99	120
THGT/4-560-6/-1,5	1,5	5,70	3,29	61	78	THGT/4-800-3/-5,5	5,5	-	11,00	112	133
THGT/4-560-6/-2,2	2,2	8,23	4,75	67	84						
						THGT/4-800-6/-1,5	1,5	5,70	3,29	81	101
THGT/4-630-6/-0,75	0,75	3,20	1,85	59	74	THGT/4-800-6/-2,2	2,2	8,23	4,75	87	107
THGT/4-630-6/-1,1	1,1	4,52	2,61	64	79	THGT/4-800-6/-3	3	11,21	6,47	90	110
THGT/4-630-6/-1,5	1,5	5,70	3,29	65	80	THGT/4-800-6/-4	4	-	8,18	103	123
THGT/4-630-6/-2,2	2,2	8,23	4,75	71	86	THGT/4-800-6/-5,5	5,5	-	11,00	116	136
THGT/4-630-6/-3	3	11,21	6,47	74	89	THGT/4-800-6/-7,5	7,5	-	14,20	130	150
THGT/4-710-5/-1,1	1,1	4,52	2,61	70	93						
THGT/4-710-5/-1,5	1,5	5,70	3,29	71	94						

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



Technical characteristics - MOTORS F400-120

THGT 1 speed models

■ Technical Characteristics - 4 POLES - 1450 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	Short casing	Long casing			230 V	400 V	Short casing	Long casing
THGT/4-800-9/-2,2	2,2	8,04 / 4,64		90	111	THGT/4-1000-6/-4	4	- / 8,18		129	150
THGT/4-800-9/-3	3	11,21 / 6,47		93	114	THGT/4-1000-6/-5,5	5,5	- / 11,00		142	163
THGT/4-800-9/-4	4	- / 7,62		106	127	THGT/4-1000-6/-7,5	7,5	- / 14,20		156	177
THGT/4-800-9/-5,5	5,5	- / 10,60		119	140	THGT/4-1000-6/-11	11	- / 22,10		183	204
THGT/4-800-9/-7,5	7,5	- / 14,20		133	154	THGT/4-1000-6/-15	15	- / 29,10		211	232
						THGT/4-1000-6/-18,5	18,5	- / 35,10		259	280
						THGT/4-1000-6/-22	22	- / 41,00		260	281
THGT/4-900-6/-3	3	11,21 / 6,47		104	127						
THGT/4-900-6/-4	4	- / 8,18		117	140	THGT/4-1000-9/-5,5	5,5	- / 11,00		147	168
THGT/4-900-6/-5,5	5,5	- / 11,00		130	153	THGT/4-1000-9/-7,5	7,5	- / 14,20		161	182
THGT/4-900-6/-7,5	7,5	- / 14,20		144	167	THGT/4-1000-9/-11	11	- / 22,10		188	209
THGT/4-900-6/-11	11	- / 22,10		171	194	THGT/4-1000-9/-15	15	- / 29,10		216	237
THGT/4-900-6/-15	15	- / 29,10		199	222	THGT/4-1000-9/-18,5	18,5	- / 35,10		264	285
						THGT/4-1000-9/-22	22	- / 41,00		265	286
THGT/4-900-9/-4	4	- / 9,5		122	144						
THGT/4-900-9/-5,5	5,5	- / 12,5		135	157	THGT/4-1250-6/-15	15	- / 29,10		244	286
THGT/4-900-9/-7,5	7,5	- / 16		149	171	THGT/4-1250-6/-18,5	18,5	- / 35,10		292	334
THGT/4-900-9/-11	11	- / 22,10		176	198	THGT/4-1250-6/-22	22	- / 41,00		293	335
THGT/4-900-9/-15	15	- / 29,10		204	226	THGT/4-1250-6/-30	30	- / 56,00		353	395
THGT/4-900-9/-18,5	18,5	- / 35,10		252	274	THGT/4-1250-6/-37	37	- / 67,40		454	496
						THGT/4-1250-6/-45	45	- / 81,60		499	541
						THGT/4-1250-9/-15	15	- / 29,10		250	292
						THGT/4-1250-9/-18,5	18,5	- / 35,10		298	340
						THGT/4-1250-9/-22	22	- / 41,00		299	341
						THGT/4-1250-9/-30	30	- / 56,00		343	401
						THGT/4-1250-9/-37	37	- / 67,40		460	502
						THGT/4-1250-9/-45	45	- / 81,60		505	547

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

■ 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	Short casing	Long casing			230 V	400 V	Short casing	Long casing
THGT/6-500-6/-0,55	0,55	2,79 / 1,61		40	46	THGT/6-800-3/-0,75	0,75	3,27 / 1,89		76	97
THGT/6-560-6/-0,55	0,55	2,79 / 1,61		41	47	THGT/6-800-3/-1,1	1,1	5,27 / 3,04		79	100
						THGT/6-800-3/-1,5	1,5	6,75 / 3,90		83	104
THGT/6-630-6/-0,55	0,55	2,79 / 1,61		47	53						
THGT/6-630-6/-0,75	0,75	3,27 / 1,89		51	57	THGT/6-800-6/-0,55	0,55	2,79 / 1,61		76	96
THGT/6-630-6/-1,1	1,1	5,27 / 3,04		32	38	THGT/6-800-6/-0,75	0,75	3,27 / 1,89		80	100
						THGT/6-800-6/-1,1	1,1	5,27 / 3,04		83	103
THGT/6-710-5/-0,55	0,55	2,79 / 1,61		56	73	THGT/6-800-6/-1,5	1,5	6,75 / 3,90		87	107
THGT/6-710-5/-0,75	0,75	3,27 / 1,89		60	77	THGT/6-800-6/-2,2	2,2	9,28 / 5,36		61	81
THGT/6-710-5/-1,1	1,1	5,27 / 3,04		63	80						
						THGT/6-800-9/-0,75	0,75	3,60 / 2,08		83	104
THGT/6-710-7/-1,5	1,5	6,75 / 3,90		75	98	THGT/6-800-9/-1,1	1,1	5,07 / 2,93		86	107
						THGT/6-800-9/-1,5	1,5	6,55 / 3,78		90	111
THGT/6-800-3/-0,55	0,55	2,79 / 1,61		72	93	THGT/6-800-9/-2,2	2,2	9,28 / 5,36		98	119
						THGT/6-800-9/-3	3	11,81 / 6,82		115	136

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



THGT

Cylindrical cased axial flow fans

Technical characteristics - MOTORS F400-120

THGT 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	Short casing	Long casing			230 V	400 V	Short casing	Long casing
THGT/6-900-6/-1,5	1,5	6,75	3,90	101	124	THGT/6-1000-9/-2,2	2,2	9,28	5,36	126	147
THGT/6-900-6/-2,2	2,2	9,28	5,36	109	132	THGT/6-1000-9/-3	3	11,81	6,82	143	164
THGT/6-900-6/-3	3	11,81	6,82	126	149	THGT/6-1000-9/-4	4	-	9,20	149	170
THGT/6-900-6/-4	4	-	9,20	132	155	THGT/6-1000-9/-5,5	5,5	-	13,00	159	180
THGT/6-900-9/-1,5	1,5	6,75	3,90	106	128	THGT/6-1000-9/-7,5	7,5	-	15,00	192	213
THGT/6-900-9/-2,2	2,2	9,28	5,36	114	136	THGT/6-1250-6/-4	4	-	9,20	177	219
THGT/6-900-9/-3	3	11,81	6,82	131	153	THGT/6-1250-6/-5,5	5,5	-	13,00	187	229
THGT/6-900-9/-4	4	-	9,20	137	159	THGT/6-1250-6/-7,5	7,5	-	15,00	220	262
THGT/6-900-9/-5,5	5,5	-	13,00	147	169	THGT/6-1250-6/-11	11	-	21,70	244	286
THGT/6-1000-6/-1,5	1,5	6,75	3,90	113	134	THGT/6-1250-6/-15	15	-	27,60	283	325
THGT/6-1000-6/-2,2	2,2	9,28	5,36	121	142	THGT/6-1250-9/-5,5	5,5	-	13,00	193	235
THGT/6-1000-6/-3	3	11,81	6,82	138	159	THGT/6-1250-9/-7,5	7,5	-	15,00	226	268
THGT/6-1000-6/-4	4	-	9,20	144	165	THGT/6-1250-9/-11	11	-	21,70	250	292
THGT/6-1000-6/-5,5	5,5	-	13,00	154	175	THGT/6-1250-9/-15	15	-	27,60	289	331
THGT/6-1000-6/-7,5	7,5	-	15,00	187	208	THGT/6-1250-9/-18,5	18,5	-	36,10	339	381
						THGT/6-1250-9/-22	22	-	41,40	360,6	402,6

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

THGT 2 speed models

■ Technical Characteristics 2/4 POLES - 2950/1450 rpm (Impeller from one piece)

Model	Motor power (kW)	Full load current (A)		Weight (kg)	Model	Motor power (kW)	Full load current (A)		Weight (kg)
		230V	400V				230V	400V	
THGT/2/4-400-6/17	0,8 / 0,2	1,91	0,6	48	THGT/2/4-560-6/17	4,4 / 1,1	8,59	2,79	100
THGT/2/4-400-6/22	0,8 / 0,2	1,91	0,6	48	THGT/2/4-560-6/22	6 / 1,5	11,4	3,67	118
THGT/2/4-400-6/27	1,1 / 0,25	2,41	0,75	48	THGT/2/4-560-6/27	8 / 2	15,3	4,83	127
THGT/2/4-400-6/32	1,5 / 0,37	3,54	1,25	54	THGT/2/4-630-6/17	8 / 2	11,4	3,67	131
THGT/2/4-450-6/22	1,5 / 0,37	3,54	1,25	61	THGT/2/4-630-6/22	8 / 2	15,3	4,83	138
THGT/2/4-450-6/27	2,2 / 0,5	4,63	1,54	61	THGT/2/4-630-6/27	12 / 3	23,1	7,26	215
THGT/2/4-450-6/32	3,1 / 0,8	6,2	1,99	63	THGT/2/4-630-6/32	16 / 4	30,5	9,57	202
THGT/2/4-500-6/17	1,5 / 0,37	3,54	1,25	64					
THGT/2/4-500-6/22	3,1 / 0,8	6,2	1,99	76					
THGT/2/4-500-6/27	4,4 / 1,1	8,59	2,79	87					

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



Technical characteristics - MOTORS F400-120

THGT 2 speed models

■ Technical Characteristics - 4/8 POLES - 1450/730 rpm

Model	Motor power		Full load current 400 V		Weight	
	(kW)		(A)		(kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing

THGT/4/8-450-6/-0,55/0,09	0,55 / 0,09	1,7 / 0,65	40	46
THGT/4/8-450-6/-0,55/0,09	0,55 / 0,09	1,7 / 0,65	41	47

THGT/4/8-500-6/-0,55/0,09	0,55 / 0,09	1,7 / 0,65	47	53
THGT/4/8-500-6/-0,75/0,12	0,75 / 0,12	1,86 / 0,84	47	53
THGT/4/8-500-6/-1,1/0,18	1,1 / 0,18	2,73 / 1,21	59	65

THGT/4/8-560-6/-0,55/0,09	0,55 / 0,09	1,7 / 0,65	41	58
THGT/4/8-560-6/-0,75/0,12	0,75 / 0,12	1,86 / 0,84	56	73
THGT/4/8-560-6/-1,1/0,18	1,1 / 0,18	2,73 / 1,21	68	85
THGT/4/8-560-6/-1,5/0,25	1,5 / 0,25	3,65 / 1,6	71	88
THGT/4/8-560-6/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	79	96

THGT/4/8-630-6/-0,75/0,12	0,75 / 0,12	1,86 / 0,84	60	75
THGT/4/8-630-6/-1,1/0,18	1,1 / 0,18	2,73 / 1,21	72	87
THGT/4/8-630-6/-1,5/0,25	1,5 / 0,25	3,65 / 1,6	75	90
THGT/4/8-630-6/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	83	98
THGT/4/8-630-6/-3/0,55	3 / 0,55	6,29 / 2,35	84	99

THGT/4/8-710-5/-1,1/0,18	1,1 / 0,18	2,73 / 1,21	78	101
THGT/4/8-710-5/-1,5/0,25	1,5 / 0,25	3,65 / 1,6	81	104

THGT/4/8-710-7/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	87	110
THGT/4/8-710-7/-3/0,55	3 / 0,55	6,29 / 2,35	88	111
THGT/4/8-710-7/-4/0,75	4 / 0,75	8,44 / 2,25	95	118
THGT/4/8-710-7/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	117	140

THGT/4/8-800-3/-1,1/0,18	1,1 / 0,18	2,73 / 1,21	84	105
THGT/4/8-800-3/-1,5/0,25	1,5 / 0,25	3,65 / 1,6	87	108
THGT/4/8-800-3/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	95	116
THGT/4/8-800-3/-3/0,55	3 / 0,55	6,29 / 2,35	96	117
THGT/4/8-800-3/-4/0,75	4 / 0,75	8,44 / 2,25	103	124
THGT/4/8-800-3/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	125	146

THGT/4/8-800-6/-1,5/0,25	1,5 / 0,25	3,65 / 1,6	91	111
THGT/4/8-800-6/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	99	119
THGT/4/8-800-6/-3/0,55	3 / 0,55	6,29 / 2,35	100	120
THGT/4/8-800-6/-4/0,75	4 / 0,75	8,44 / 2,25	107	127
THGT/4/8-800-6/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	129	149
THGT/4/8-800-6/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	142	162

THGT/4/8-800-9/-2,2/0,37	2,2 / 0,37	4,7 / 1,66	102	123
THGT/4/8-800-9/-3/0,55	3 / 0,55	6,29 / 2,35	103	124
THGT/4/8-800-9/-4/0,75	4 / 0,75	8,44 / 2,25	110	131
THGT/4/8-800-9/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	132	153
THGT/4/8-800-9/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	145	166

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

Model	Motor power		Full load current 400 V		Weight	
	(kW)		(A)		(kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing

THGT/4/8-900-6/-3/0,55	3 / 0,55	6,29 / 2,35	114	137
THGT/4/8-900-6/-4/0,75	4 / 0,75	8,44 / 2,25	121	144
THGT/4/8-900-6/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	143	166
THGT/4/8-900-6/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	156	179
THGT/4/8-900-6/-11/3	11 / 3	21 / 7	187	210
THGT/4/8-900-6/-14/3,5	14 / 3,5	26,5 / 8,45	209	232

THGT/4/8-900-9/-4/0,75	4 / 0,75	8,44 / 2,25	126	148
THGT/4/8-900-9/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	148	170
THGT/4/8-900-9/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	161	183
THGT/4/8-900-9/-11/3	11 / 3	21 / 7	192	214
THGT/4/8-900-9/-14/3,5	14 / 3,5	26,5 / 8,45	214	236
THGT/4/8-900-9/-17/4,3	17 / 4,3	33,4 / 12,3	242	264

THGT/4/8-1000-6/-4/0,75	4 / 0,75	8,44 / 2,25	133	154
THGT/4/8-1000-6/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	155	176
THGT/4/8-1000-6/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	168	189
THGT/4/8-1000-6/-11/3	11 / 3	21 / 7	199	220
THGT/4/8-1000-6/-14/3,5	14 / 3,5	26,5 / 8,45	221	242
THGT/4/8-1000-6/-17/4,3	17 / 4,3	33,4 / 12,3	249	270
THGT/4/8-1000-6/-20/5	20 / 5	38,6 / 14,1	271	292

THGT/4/8-1000-9/-5,5/1,1	5,5 / 1,1	11,7 / 3,7	160	181
THGT/4/8-1000-9/-7,5/1,5	7,5 / 1,5	15,9 / 4,72	173	194
THGT/4/8-1000-9/-11/3	11 / 3	21 / 7	204	225
THGT/4/8-1000-9/-14/3,5	14 / 3,5	26,5 / 8,45	226	247
THGT/4/8-1000-9/-17/4,3	17 / 4,3	33,4 / 12,3	254	275
THGT/4/8-1000-9/-20/5	20 / 5	38,6 / 14,1	276	297

THGT/4/8-1250-6/-14/3,5	14 / 3,5	26,5 / 8,45	255	297
THGT/4/8-1250-6/-17/4,3	17 / 4,3	33,4 / 12,3	282	324
THGT/4/8-1250-6/-20/5	20 / 5	38,6 / 14,1	304	346
THGT/4/8-1250-6/-30/8	30 / 8	52 / 18	354	396
THGT/4/8-1250-6/-37/9,2	37 / 9,2	74,2 / 25,4	375	417
THGT/4/8-1250-6/-44/11	44 / 11	80,2 / 27,2	545	587

THGT/4/8-1250-9/-14/3,5	14 / 3,5	26,5 / 8,45	261	303
THGT/4/8-1250-9/-17/4,3	17 / 4,3	33,4 / 12,3	321	363
THGT/4/8-1250-9/-20/5	20 / 5	38,6 / 14,1	310	352
THGT/4/8-1250-9/-30/8	30 / 8	52 / 18	361	402
THGT/4/8-1250-9/-37/9,2	37 / 9,2	74,2 / 25,4	481	423
THGT/4/8-1250-9/-44/11	44 / 11	80,2 / 27,2	551	593



Technical characteristics - MOTORS F400-120

THGT 2 speed models

■ Technical Characteristics - 6/12 POLES - 950/475 rpm

Model	Motor power		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/6/12-500-6/-0,55/0,09	0,55 / 0,09	2,07 / 0,94	46	52		
THGT/6/12-560-6/-0,55/0,09	0,55 / 0,09	2,07 / 0,94	47	53		
THGT/6/12-630-6/-0,55/0,09	0,55 / 0,09	2,07 / 0,94	53	59		
THGT/6/12-630-6/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	55	61		
THGT/6/12-630-6/-1,1/0,18	1,1 / 0,18	4,49 / 1,67	67	73		
THGT/6/12-710-5/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	70	93		
THGT/6/12-710-7/-1,1/0,18	1,1 / 0,18	4,49 / 1,67	84	107		
THGT/6/12-710-7/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	87	110		
THGT/6/12-800-3/-0,55/0,09	0,55 / 0,09	2,07 / 0,94	78	99		
THGT/6/12-800-3/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	80	101		
THGT/6/12-800-3/-1,1/0,18	1,1 / 0,18	4,49 / 1,67	92	113		
THGT/6/12-800-3/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	95	116		
THGT/6/12-800-6/-0,55/0,09	0,55 / 0,09	2,07 / 0,94	82	102		
THGT/6/12-800-6/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	84	104		
THGT/6/12-800-6/-1,1/0,18	1,1 / 0,18	4,49 / 1,67	96	116		
THGT/6/12-800-6/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	99	119		
THGT/6/12-800-6/-2,2/0,37	2,2 / 0,37	5,9 / 2,3	101	121		
THGT/6/12-800-9/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	87	108		
THGT/6/12-800-9/-1,1/0,18	1,1 / 0,18	4,49 / 1,67	99	120		
THGT/6/12-800-9/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	102	123		
THGT/6/12-800-9/-2,2/0,37	2,2 / 0,37	5,9 / 2,3	104	125		
THGT/6/12-800-9/-3/0,55	3 / 0,55	8,87 / 3,80	139	160		
THGT/6/12-900-6/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	113	136		
THGT/6/12-900-6/-2,2/0,37	2,2 / 0,37	5,9 / 2,3	115	138		
THGT/6/12-900-6/-3/0,55	3 / 0,55	8,87 / 3,80	150	173		
THGT/6/12-900-6/-4/0,65	4 / 0,65	10 / 3,5	150	173		
THGT/6/12-900-9/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	114	136		
THGT/6/12-900-9/-2,2/0,37	2,2 / 0,37	5,9 / 2,3	131	153		
THGT/6/12-900-9/-3/0,55	3 / 0,55	8,87 / 3,80	155	177		
THGT/6/12-900-9/-4/0,65	4 / 0,65	10 / 3,5	155	177		
THGT/6/12-900-9/-6/1,2	6 / 1,2	14,4 / 5,5	203	225		

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

Model	Motor power		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/6/12-1000-6/-1,5/0,25	1,5 / 0,25	4,24 / 1,67	113	134		
THGT/6/12-1000-6/-2,2/0,37	2,2 / 0,37	5,9 / 2,3	121	142		
THGT/6/12-1000-6/-3/0,55	3 / 0,55	8,87 / 3,80	162	183		
THGT/6/12-1000-6/-4/0,65	4 / 0,65	9,31 / 2,94	162	183		
THGT/6/12-1000-6/-6/1,2	6 / 1,2	13,40 / 5,58	210	231		
THGT/6/12-1000-9/-2,2/0,37	2,2 / 0,37	5,73 / 2,18	126	147		
THGT/6/12-1000-9/-3/0,55	3 / 0,55	8,87 / 3,80	167	188		
THGT/6/12-1000-9/-4/0,65	4 / 0,65	9,31 / 2,94	167	188		
THGT/6/12-1000-9/-6/1,2	6 / 1,2	13,40 / 5,58	215	236		
THGT/6/12-1000-9/-7,5/1,5	7,5 / 1,5	16,40 / 6,49	92	113		
THGT/6/12-1250-6/-4/0,65	4 / 0,65	9,31 / 2,94	195	237		
THGT/6/12-1250-6/-6/1,2	6 / 1,2	13,40 / 5,58	243	285		
THGT/6/12-1250-6/-7,5/1,5	7,5 / 1,5	16,40 / 6,49	250	292		
THGT/6/12-1250-6/-9/1,8	9 / 1,8	18,90 / 7,08	259	301		
THGT/6/12-1250-6/-12/2,4	12 / 2,4	23,40 / 8,07	320	362		
THGT/6/12-1250-6/-17/4,3	17 / 4,3	40 / 14,5	368	410		
THGT/6/12-1250-9/-6/1,2	6 / 1,2	13,40 / 5,58	249	291		
THGT/6/12-1250-9/-7,5/1,5	7,5 / 1,5	16,40 / 6,49	256	298		
THGT/6/12-1250-9/-9/1,8	9 / 1,8	18,90 / 7,08	265	307		
THGT/6/12-1250-9/-12/2,4	12 / 2,4	23,40 / 8,07	326	368		
THGT/6/12-1250-9/-17/4,3	17 / 4,3	40 / 14,5	374	416		
THGT/6/12-1250-9/-20/5	20 / 5	54,2 / 23,5	502	544		





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.

THGT 1 speed models

■ Technical Characteristics 2 POLES - 2950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/2-400-6/-1,5	1,5	5,2	3,05	48	54
THGT/2-400-6/-2,2	2,2	8,8	4,53	50	56
THGT/2-450-6/-1,5	1,5	5,2	3,05	50	52
THGT/2-450-6/-2,2	2,2	8,8	4,53	52	58
THGT/2-450-6/-3	3	11,1	5,81	62	68
THGT/2-500-6/-2,2	2,2	8,8	4,53	55	61
THGT/2-500-6/-3	3	11,1	5,81	65	71
THGT/2-500-6/-4	4	13	7,41	85	91

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	Short casing	Long casing
THGT/4-450-6/-0,55	0,55	2,36 / 1,36	39	45	
THGT/4-500-6/-0,55	0,55	2,36 / 1,36	45	51	
THGT/4-500-6/-0,75	0,75	3,20 / 1,85	46	52	
THGT/4-500-6/-1,1	1,1	4,23 / 2,44	51	57	
THGT/4-560-6/-0,55	0,55	2,36 / 1,36	54	71	
THGT/4-560-6/-0,75	0,75	3,20 / 1,85	55	72	
THGT/4-560-6/-1,1	1,1	4,52 / 2,61	60	77	
THGT/4-560-6/-1,5	1,5	5,70 / 3,29	61	78	
THGT/4-560-6/-2,2	2,2	8,23 / 4,75	67	84	
THGT/4-630-6/-0,75	0,75	3,20 / 1,85	59	74	
THGT/4-630-6/-1,1	1,1	4,52 / 2,61	64	79	
THGT/4-630-6/-1,5	1,5	5,70 / 3,29	65	80	
THGT/4-630-6/-2,2	2,2	8,23 / 4,75	71	86	
THGT/4-630-6/-3	3	11,21 / 6,47	74	89	
THGT/4-710-3/-0,75	0,75	3,2 / 1,85	63	86	
THGT/4-710-3/-1,1	1,1	4,52 / 2,61	68	91	
THGT/4-710-3/-1,5	1,5	5,7 / 3,29	69	92	
THGT/4-710-3/-2,2	2,2	8 / 4,61	75	98	
THGT/4-710-3/-3	3	8,23 / 4,75	78	101	
THGT/4-710-6/-1,1	1,1	8,3 / 4,8	71	90	
THGT/4-710-6/-1,5	1,5	5,5 / 3,2	72	91	
THGT/4-710-6/-2,2	2,2	8,3 / 4,8	74	97	
THGT/4-710-6/-3	3	11,3 / 6,5	81	104	
THGT/4-710-6/-4	4	- / 8,6	94	117	

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	Short casing	Long casing
THGT/2-560-6/-4	4	13	7,41	89	96
THGT/2-560-6/-5,5	5,5	-	10,3	99	106
THGT/2-560-6/-7,5	7,5	-	13,6	114	121
THGT/2-630-6/-5,5	5,5	-	10,3	101	110
THGT/2-630-6/-7,5	7,5	-	13,6	116	125
THGT/2-630-6/-9,2	9,2	-	17,4	132	141

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-800-3/-1,5	1,5	5,70 / 3,29	77	98	
THGT/4-800-3/-2,2	2,2	8,23 / 4,75	83	104	
THGT/4-800-3/-3	3	11,21 / 6,47	86	107	
THGT/4-800-3/-4	4	- / 8,18	99	120	
THGT/4-800-3/-5,5	5,5	- / 11,00	112	133	
THGT/4-800-6/-1,5	1,5	5,70 / 3,29	81	101	
THGT/4-800-6/-2,2	2,2	8,23 / 4,75	87	107	
THGT/4-800-6/-3	3	11,21 / 6,47	90	110	
THGT/4-800-6/-4	4	- / 8,18	103	123	
THGT/4-800-6/-5,5	5,5	- / 11,00	116	136	
THGT/4-800-6/-7,5	7,5	- / 14,20	130	150	
THGT/4-800-9/-2,2	2,2	8,04 / 4,64	90	111	
THGT/4-800-9/-3	3	11,21 / 6,47	93	114	
THGT/4-800-9/-4	4	- / 7,62	106	127	
THGT/4-800-9/-5,5	5,5	- / 10,60	119	140	
THGT/4-800-9/-7,5	7,5	- / 14,20	133	154	
THGT/4-900-6/-3	3	11,21 / 6,47	104	127	
THGT/4-900-6/-4	4	- / 8,18	117	140	
THGT/4-900-6/-5,5	5,5	- / 11,00	130	153	
THGT/4-900-6/-7,5	7,5	- / 14,20	144	167	
THGT/4-900-6/-11	11	- / 22,10	171	194	
THGT/4-900-6/-15	15	- / 29,10	199	222	

THGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F300-120

THGT 1 speed models

■ Technical Characteristics 4 POLES - 1450 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-900-9/-5,5	5,5	- / 12,5	135	157	
THGT/4-900-9/-7,5	7,5	- / 16	149	171	
THGT/4-900-9/-11	11	- / 22,10	176	198	
THGT/4-900-9/-15	15	- / 29,10	204	226	
THGT/4-900-9/-18,5	18,5	- / 35,10	252	274	
THGT/4-1000-6/-4	4	- / 8,18	129	150	
THGT/4-1000-6/-5,5	5,5	- / 11,00	142	163	
THGT/4-1000-6/-7,5	7,5	- / 14,20	156	177	
THGT/4-1000-6/-11	11	- / 22,10	183	204	
THGT/4-1000-6/-15	15	- / 29,10	211	232	
THGT/4-1000-6/-18,5	18,5	- / 35,10	259	280	
THGT/4-1000-6/-22	22	- / 41,00	260	281	
THGT/4-1000-9/-5,5	5,5	- / 11,00	147	168	
THGT/4-1000-9/-7,5	7,5	- / 14,20	161	182	
THGT/4-1000-9/-11	11	- / 22,10	188	209	
THGT/4-1000-9/-15	15	- / 29,10	216	237	
THGT/4-1000-9/-18,5	18,5	- / 35,10	264	285	
THGT/4-1000-9/-22	22	- / 41,00	265	286	

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

■ Technical Characteristics - 6 POLES - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/6-560-6/-0,55	0,55	2,79 / 1,61	41	47	
THGT/6-630-6/-0,55	0,55	2,79 / 1,61	47	53	
THGT/6-630-6/-0,75	0,75	3,27 / 1,89	51	57	
THGT/6-630-6/-1,1	1,1	5,27 / 3,04	32	38	
THGT/6-710-3/-0,55	0,55	2,79 / 1,61	56	73	
THGT/6-710-3/-0,75	0,75	3,27 / 1,89	60	77	
THGT/6-710-6/-0,55	0,55	2,9 / 1,7	59	76	
THGT/6-710-6/-0,75	0,75	4,2 / 2,4	63	80	
THGT/6-710-6/-1,1	1,1	4,9 / 2,82	67	83	
THGT/6-800-3/-0,55	0,55	2,79 / 1,61	72	93	
THGT/6-800-3/-0,75	0,75	3,27 / 1,89	76	97	
THGT/6-800-3/-1,1	1,1	5,27 / 3,04	79	100	
THGT/6-800-3/-1,5	1,5	6,75 / 3,90	83	104	

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-1250-6/-18,5	18,5	- / 35,10	292	334	
THGT/4-1250-6/-22	22	- / 41,00	293	335	
THGT/4-1250-6/-30	30	- / 56,00	353	395	
THGT/4-1250-6/-37	37	- / 67,40	454	496	
THGT/4-1250-6/-45	45	- / 81,60	499	541	
THGT/4-1250-9/-15	15	- / 29,10	250	292	
THGT/4-1250-9/-18,5	18,5	- / 35,10	298	340	
THGT/4-1250-9/-22	22	- / 41,00	299	341	
THGT/4-1250-9/-30	30	- / 56,00	359	401	
THGT/4-1250-9/-37	37	- / 67,40	460	502	
THGT/4-1250-9/-45	45	- / 81,60	505	547	





Technical characteristics - MOTORS F300-120

THGT 1 speed models

■ Technical Characteristics - 6 POLES - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/6-900-9/-2,2	2,2	9,28 / 5,36	114	136	
THGT/6-900-9/-3	3	11,81 / 6,82	131	153	
THGT/6-900-9/-4	4	- / 9,20	137	159	
THGT/6-900-9/-5,5	5,5	- / 13,00	147	169	
THGT/6-1000-6/-1,5	1,5	6,75 / 3,90	113	134	
THGT/6-1000-6/-2,2	2,2	9,28 / 5,36	121	142	
THGT/6-1000-6/-3	3	11,81 / 6,82	138	159	
THGT/6-1000-6/-4	4	- / 9,20	144	165	
THGT/6-1000-6/-5,5	5,5	- / 13,00	154	175	
THGT/6-1000-6/-7,5	7,5	- / 15,00	187	208	

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	Short casing	Long casing
THGT/6-1000-9/-3	3	11,81 / 6,82	143	164	
THGT/6-1000-9/-4	4	- / 9,20	149	170	
THGT/6-1000-9/-5,5	5,5	- / 13,00	159	180	
THGT/6-1000-9/-7,5	7,5	- / 15,00	192	213	
THGT/6-1250-6/-4	4	- / 9,20	177	219	
THGT/6-1250-6/-5,5	5,5	- / 13,00	187	229	
THGT/6-1250-6/-7,5	7,5	- / 15,00	220	262	
THGT/6-1250-6/-11	11	- / 21,70	244	286	
THGT/6-1250-6/-15	15	- / 27,60	283	325	
THGT/6-1250-9/-5,5	5,5	- / 13,00	193	235	
THGT/6-1250-9/-7,5	7,5	- / 15,00	226	268	
THGT/6-1250-9/-11	11	- / 21,70	250	292	
THGT/6-1250-9/-15	15	- / 27,60	289	331	
THGT/6-1250-9/-18,5	18,5	- / 36,10	339	381	
THGT/6-1250-9/-22	22	- / 41,40	361	403	

THGT 2 speed models

■ Technical Characteristics - 2/4 POLES - 2950/1450 rpm

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/2/4-400-6/-1,5/0,37	1,5 / 0,37	3,78 / 1,25	48	54		
THGT/2/4-400-6/-2,2/0,5	2,2 / 0,5	4,91 / 1,65	50	56		
THGT/2/4-450-6/-1,5/0,37	1,5 / 0,37	3,78 / 1,25	50	52		
THGT/2/4-450-6/-2,2/0,5	2,2 / 0,5	4,91 / 1,65	52	58		
THGT/2/4-450-6/-3,1/0,8	3,1 / 0,8	6,33 / 2,21	62	68		
THGT/2/4-500-6/-2,2/0,5	2,2 / 0,5	4,91 / 1,65	55	61		
THGT/2/4-500-6/-3,1/0,8	3,1 / 0,8	6,33 / 2,21	65	71		
THGT/2/4-500-6/-4,4/1,1	4,4 / 1,1	8,94 / 2,85	85	91		

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

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/2/4-560-6/-3,1/0,8	3,1 / 0,8	6,33 / 2,21	69	76		
THGT/2/4-560-6/-4,4/1,1	4,4 / 1,1	8,94 / 2,85	89	96		
THGT/2/4-560-6/-6/1,5	6 / 1,5	11,5 / 3,81	99	106		
THGT/2/4-560-6/-8/2	8 / 2	15,1 / 4,92	114	121		
THGT/2/4-630-6/-6/1,5	6 / 1,5	11,5 / 3,81	101	110		
THGT/2/4-630-6/-8/2	8 / 2	15,1 / 4,92	116	125		

THGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F300-120

THGT 2 speed models

■ Technical Characteristics - 4/8 POLES - 1450-730 rpm

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/4/8-400-6/-0,55/0,09	0,55 / 0,09		1,7 / 0,65		40	46
THGT/4/8-450-6/-0,55/0,09	0,55 / 0,09		1,7 / 0,65		41	47
THGT/4/8-500-6/-0,55/0,09	0,55 / 0,09		1,7 / 0,65		47	53
THGT/4/8-500-6/-0,75/0,12	0,75 / 0,12		1,86 / 0,84		47	53
THGT/4/8-500-6/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		59	65
THGT/4/8-560-6/-0,55/0,09	0,55 / 0,09		1,7 / 0,65		41	58
THGT/4/8-560-6/-0,75/0,12	0,75 / 0,12		1,86 / 0,84		56	73
THGT/4/8-560-6/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		68	85
THGT/4/8-560-6/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		71	88
THGT/4/8-560-6/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		79	96
THGT/4/8-630-6/-0,75/0,12	0,75 / 0,12		1,86 / 0,84		60	75
THGT/4/8-630-6/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		72	87
THGT/4/8-630-6/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		75	90
THGT/4/8-630-6/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		83	98
THGT/4/8-630-6/-3/0,55	3 / 0,55		6,29 / 2,35		84	99
THGT/4/8-710-3/-0,75/0,12	0,75 / 0,12		1,86 / 0,84		64	87
THGT/4/8-710-3/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		76	99
THGT/4/8-710-3/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		79	102
THGT/4/8-710-3/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		87	110
THGT/4/8-710-3/-3/0,55	3 / 0,55		6,29 / 2,35		88	111
THGT/4/8-710-6/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		75	98
THGT/4/8-710-6/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		78	101
THGT/4/8-710-6/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		86	109
THGT/4/8-710-6/-3/0,55	3 / 0,55		6,29 / 2,35		87	110
THGT/4/8-710-6/-4/0,75	4 / 0,75		8,44 / 2,55		94	117
THGT/4/8-800-3/-1,1/0,18	1,1 / 0,18		2,73 / 1,21		84	105
THGT/4/8-800-3/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		87	108
THGT/4/8-800-3/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		95	116
THGT/4/8-800-3/-3/0,55	3 / 0,55		6,29 / 2,35		96	117
THGT/4/8-800-3/-4/0,75	4 / 0,75		8,44 / 2,25		103	124
THGT/4/8-800-3/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		125	146
THGT/4/8-800-6/-1,5/0,25	1,5 / 0,25		3,65 / 1,6		91	111
THGT/4/8-800-6/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		99	119
THGT/4/8-800-6/-3/0,55	3 / 0,55		6,29 / 2,35		100	120
THGT/4/8-800-6/-4/0,75	4 / 0,75		8,44 / 2,25		107	127
THGT/4/8-800-6/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		129	149
THGT/4/8-800-6/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		142	162
THGT/4/8-800-9/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		102	123
THGT/4/8-800-9/-3/0,55	3 / 0,55		6,29 / 2,35		103	124
THGT/4/8-800-9/-4/0,75	4 / 0,75		8,44 / 2,25		110	131
THGT/4/8-800-9/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		132	153
THGT/4/8-800-9/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		145	166

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	V.2	V.1	V.2	Short casing	Long casing
THGT/4/8-800-9/-2,2/0,37	2,2 / 0,37		4,7 / 1,66		102	123
THGT/4/8-800-9/-3/0,55	3 / 0,55		6,29 / 2,35		103	124
THGT/4/8-800-9/-4/0,75	4 / 0,75		8,44 / 2,25		110	131
THGT/4/8-800-9/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		132	153
THGT/4/8-800-9/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		145	166
THGT/4/8-900-6/-3/0,55	3 / 0,55		6,29 / 2,35		114	137
THGT/4/8-900-6/-4/0,75	4 / 0,75		8,44 / 2,25		121	144
THGT/4/8-900-6/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		143	166
THGT/4/8-900-6/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		156	179
THGT/4/8-900-6/-11/3	11 / 3		21 / 7		187	210
THGT/4/8-900-6/-14/3,5	14 / 3,5		26,5 / 8,45		209	232
THGT/4/8-900-9/-4/0,75	4 / 0,75		8,44 / 2,25		126	148
THGT/4/8-900-9/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		148	170
THGT/4/8-900-9/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		161	183
THGT/4/8-900-9/-11/3	11 / 3		21 / 7		192	214
THGT/4/8-900-9/-14/3,5	14 / 3,5		26,5 / 8,45		214	236
THGT/4/8-900-9/-17/4,3	17 / 4,3		33,4 / 12,3		242	264
THGT/4/8-1000-6/-4/0,75	4 / 0,75		8,44 / 2,25		133	154
THGT/4/8-1000-6/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		155	176
THGT/4/8-1000-6/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		168	189
THGT/4/8-1000-6/-11/3	11 / 3		21 / 7		199	220
THGT/4/8-1000-6/-14/3,5	14 / 3,5		26,5 / 8,45		221	242
THGT/4/8-1000-6/-17/4,3	17 / 4,3		33,4 / 12,3		249	270
THGT/4/8-1000-6/-20/5	20 / 5		38,6 / 14,1		271	292
THGT/4/8-1000-9/-5,5/1,1	5,5 / 1,1		11,7 / 3,7		160	181
THGT/4/8-1000-9/-7,5/1,5	7,5 / 1,5		15,9 / 4,72		173	194
THGT/4/8-1000-9/-11/3	11 / 3		21 / 7		204	225
THGT/4/8-1000-9/-14/3,5	14 / 3,5		26,5 / 8,45		226	247
THGT/4/8-1000-9/-17/4,3	17 / 4,3		33,4 / 12,3		254	275
THGT/4/8-1000-9/-20/5	20 / 5		38,6 / 14,1		276	297
THGT/4/8-1250-6/-14/3,5	14 / 3,5		26,5 / 8,45		255	297
THGT/4/8-1250-6/-17/4,3	17 / 4,3		33,4 / 12,3		282	324
THGT/4/8-1250-6/-20/5	20 / 5		38,6 / 14,1		304	346
THGT/4/8-1250-6/-30/8	30 / 8		52 / 18		354	396
THGT/4/8-1250-6/-37/9,2	37 / 9,2		74,2 / 25,4		375	417
THGT/4/8-1250-6/-44/11	44 / 11		80,2 / 27,2		545	587
THGT/4/8-1250-9/-14/3,5	14 / 3,5		26,5 / 8,45		261	303
THGT/4/8-1250-9/-17/4,3	17 / 4,3		33,4 / 12,3		321	363
THGT/4/8-1250-9/-20/5	20 / 5		38,6 / 14,1		310	352
THGT/4/8-1250-9/-30/8	30 / 8		52 / 18		360	402
THGT/4/8-1250-9/-37/9,2	37 / 9,2		74,2 / 25,4		381	423
THGT/4/8-1250-9/-44/11	44 / 11		80,2 / 27,2		551	593

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





Technical characteristics - MOTORS F300-120

THGT 2 speed models

■ Technical Characteristics - 6/12 POLES - 950-475 rpm

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	(kW)		V1	v.2	Short casing	Long casing
	V.1	v.2				
THGT/6/12-500-6/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	46	52
THGT/6/12-560-6/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	47	53
THGT/6/12-630-6/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	53	59
THGT/6/12-630-6/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	55	61
THGT/6/12-630-6/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	67	73
THGT/6/12-710-3/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	70	93
THGT/6/12-710-3/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	72	95
THGT/6/12-710-6/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	73	96
THGT/6/12-710-6/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	75	98
THGT/6/12-710-6/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	87	110
THGT/6/12-800-3/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	78	99
THGT/6/12-800-3/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	80	101
THGT/6/12-800-3/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	92	113
THGT/6/12-800-3/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	95	116
THGT/6/12-800-6/-0,55/0,09	0,55	/ 0,09	2,07	/ 0,94	82	102
THGT/6/12-800-6/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	84	104
THGT/6/12-800-6/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	96	116
THGT/6/12-800-6/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	99	119
THGT/6/12-800-6/-2,2/0,37	2,2	/ 0,37	5,9	/ 2,3	101	121
THGT/6/12-800-9/-0,75/0,12	0,75	/ 0,12	2,28	/ 1,02	87	108
THGT/6/12-800-9/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	99	120
THGT/6/12-800-9/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	102	123
THGT/6/12-800-9/-2,2/0,37	2,2	/ 0,37	5,9	/ 2,3	104	125
THGT/6/12-800-9/-3/0,55	3	/ 0,55	8,87	/ 3,80	139	160
THGT/6/12-900-6/-1,1/0,18	1,1	/ 0,18	4,49	/ 1,67	110	133
THGT/6/12-900-6/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	113	136
THGT/6/12-900-6/-2,2/0,37	2,2	/ 0,37	5,9	/ 2,3	115	138
THGT/6/12-900-6/-3/0,55	3	/ 0,55	8,87	/ 3,80	150	173
THGT/6/12-900-6/-4/0,65	4	/ 0,65	10	/ 3,5	150	173

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	(kW)		V1	v.2	Short casing	Long casing
	V.1	v.2				
THGT/6/12-900-9/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	114	136
THGT/6/12-900-9/-2,2/0,37	2,2	/ 0,37	5,9	/ 2,3	131	153
THGT/6/12-900-9/-3/0,55	3	/ 0,55	8,87	/ 3,80	155	177
THGT/6/12-900-9/-4/0,65	4	/ 0,65	10	/ 3,5	155	177
THGT/6/12-900-9/-6/1,2	6	/ 1,2	14,4	/ 5,5	203	225
THGT/6/12-1000-6/-1,5/0,25	1,5	/ 0,25	4,24	/ 1,67	113	134
THGT/6/12-1000-6/-2,2/0,37	2,2	/ 0,37	5,9	/ 2,3	121	142
THGT/6/12-1000-6/-3/0,55	3	/ 0,55	8,87	/ 3,80	162	183
THGT/6/12-1000-6/-4/0,65	4	/ 0,65	9,31	/ 2,94	162	183
THGT/6/12-1000-6/-6/1,2	6	/ 1,2	13,40	/ 5,58	210	231
THGT/6/12-1000-9/-2,2/0,37	2,2	/ 0,37	5,73	/ 2,18	126	147
THGT/6/12-1000-9/-3/0,55	3	/ 0,55	8,87	/ 3,80	167	188
THGT/6/12-1000-9/-4/0,65	4	/ 0,65	9,31	/ 2,94	167	188
THGT/6/12-1000-9/-6/1,2	6	/ 1,2	13,40	/ 5,58	215	236
THGT/6/12-1000-9/-7,5/1,5	7,5	/ 1,5	16,40	/ 6,49	92	113
THGT/6/12-1250-6/-4/0,65	4	/ 0,65	9,31	/ 2,94	195	237
THGT/6/12-1250-6/-6/1,2	6	/ 1,2	13,40	/ 5,58	243	285
THGT/6/12-1250-6/-7,5/1,5	7,5	/ 1,5	16,40	/ 6,49	250	292
THGT/6/12-1250-6/-9/1,8	9	/ 1,8	18,90	/ 7,08	259	301
THGT/6/12-1250-6/-12/2,4	12	/ 2,4	23,40	/ 8,07	320	362
THGT/6/12-1250-6/-17/4,3	17	/ 4,3	40	/ 14,5	368	410
THGT/6/12-1250-9/-6/1,2	6	/ 1,2	13,40	/ 5,58	249	291
THGT/6/12-1250-9/-7,5/1,5	7,5	/ 1,5	16,40	/ 6,49	256	298
THGT/6/12-1250-9/-9/1,8	9	/ 1,8	18,90	/ 7,08	265	307
THGT/6/12-1250-9/-12/2,4	12	/ 2,4	23,40	/ 8,07	326	368
THGT/6/12-1250-9/-17/4,3	17	/ 4,3	40	/ 14,5	374	416
THGT/6/12-1250-9/-20/5	20	/ 5	54,2	/ 23,5	502	544

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

THGT

Cylindrical cased axial flow fans



Technical characteristics - MOTORS F200-120

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.

THGT 1 speed models

■ Technical Characteristics - 2 POLES - 2950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/2-400-6/-1,1	1,1	4	2,32	37	43
THGT/2-400-6/-1,5	1,5	5,2	3,01	44	50
THGT/2-400-6/-2,2	2,2	8,8	5,1	46	52
THGT/2-450-6/-1,5	1,5	5,2	3,01	46	52
THGT/2-450-6/-2,2	2,2	8,8	5,1	48	54
THGT/2-450-6/-3	3	11,1	6,4	52	58
THGT/2-500-6/-2,2	2,2	8,8	5,1	51	57
THGT/2-500-6/-3	3	11,1	6,4	55	61
THGT/2-500-6/-4	4	13	7,5	68	74

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

■ Technical Characteristics 4 POLES - 1450 rpm

Model	Motor power (kW)	Current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-400-6/-0,55	0,55	2,4 / 1,36	31	38	
THGT/4-450-6/-0,55	0,55	2,4 / 1,36	38	44	
THGT/4-500-6/-0,55	0,55	2,4 / 1,36	41	47	
THGT/4-500-6/-0,75	0,75	3 / 1,71	42	48	
THGT/4-500-6/-1,1	1,1	4,4 / 2,53	49	55	
THGT/4-560-6/-0,55	0,55	2,4 / 1,36	45	52	
THGT/4-560-6/-0,75	0,75	3 / 1,71	46	53	
THGT/4-560-6/-1,1	1,1	4,4 / 2,53	53	60	
THGT/4-560-6/-1,5	1,5	5,5 / 3,19	56	63	
THGT/4-560-6/-2,2	2,2	8 / 4,61	58	65	
THGT/4-630-6/-0,75	0,75	3 / 1,71	45	63	
THGT/4-630-6/-1,1	1,1	4,4 / 2,53	55	64	
THGT/4-630-6/-1,5	1,5	5,5 / 3,19	58	67	
THGT/4-630-6/-2,2	2,2	8 / 4,61	60	69	
THGT/4-630-6/-3	3	10,3 / 5,94	64	73	
THGT/4-710-3/-0,75	0,75	3 / 1,71	49	72	
THGT/4-710-3/-1,1	1,1	4,4 / 2,53	59	82	
THGT/4-710-3/-1,5	1,5	5,5 / 3,19	62	85	
THGT/4-710-3/-2,2	2,2	8 / 4,61	67	90	
THGT/4-710-3/-3	3	10,3 / 5,94	70	93	
THGT/4-710-6/-1,1	1,1	4,4 / 2,53	59	82	
THGT/4-710-6/-1,5	1,5	5,5 / 3,19	62	85	
THGT/4-710-6/-2,2	2,2	8 / 4,61	68	91	
THGT/4-710-6/-3	3	10,3 / 5,94	71	94	
THGT/4-710-6/-4	4	- / 8,6	74	97	

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	Short casing	Long casing
THGT/2-560-6/-3	3	11,1	6,4	59	66
THGT/2-560-6/-4	4	13	7,5	72	79
THGT/2-560-6/-5,5	5,5	-	10,3	75	82
THGT/2-560-6/-7,5	7,5	-	14,9	89	96
THGT/2-630-6/-5,5	5,5	-	10,3	77	86
THGT/2-630-6/-7,5	7,5	-	14,9	91	100
THGT/2-630-6/-9,2	9,2	-	16,6	104	113
THGT/2-630-6/-11	11	-	20	122	131

Model	Motor power (kW)	Current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-800-3/-1,1	1,1	4,2 / 2,4	69	90	
THGT/4-800-3/-1,5	1,5	5,5 / 3,2	72	93	
THGT/4-800-3/-2,2	2,2	8,3 / 4,8	77	98	
THGT/4-800-3/-3	3	11,3 / 6,5	80	101	
THGT/4-800-3/-4	4	- / 8,6	83	104	
THGT/4-800-3/-5,5	5,5	- / 11,1	100	117	
THGT/4-800-6/-1,5	1,5	5,5 / 3,2	76	96	
THGT/4-800-6/-2,2	2,2	8,3 / 4,8	81	101	
THGT/4-800-6/-3	3	11,3 / 6,5	84	104	
THGT/4-800-6/-4	4	- / 8,6	87	107	
THGT/4-800-6/-5,5	5,5	- / 11,1	103	120	
THGT/4-800-6/-7,5	7,5	- / 14,8	111	128	
THGT/4-800-9/-2,2	2,2	8,3 / 4,8	84	105	
THGT/4-800-9/-3	3	11,3 / 6,5	87	108	
THGT/4-800-9/-4	4	- / 8,6	90	111	
THGT/4-800-9/-5,5	5,5	- / 11,1	107	124	
THGT/4-800-9/-7,5	7,5	- / 14,8	115	132	
THGT/4-900-6/-3	3	11,3 / 6,5	99	122	
THGT/4-900-6/-4	4	- / 8,6	102	125	
THGT/4-900-6/-5,5	5,5	- / 11,1	119	138	
THGT/4-900-6/-7,5	7,5	- / 14,8	127	146	
THGT/4-900-6/-11	11	- / 22,6	151	170	
THGT/4-900-6/-15	15	- / 28,5	166	185	
THGT/4-900-9/-4	4	- / 8,6	107	129	
THGT/4-900-9/-5,5	5,5	- / 11,1	123	142	
THGT/4-900-9/-7,5	7,5	- / 14,8	131	150	
THGT/4-900-9/-11	11	- / 22,6	155	174	
THGT/4-900-9/-15	15	- / 28,5	170	189	
THGT/4-900-9/-18,5	18,5	- / 35	217	236	





Technical characteristics - MOTORS F200-120

THGT 1 speed models

■ Technical Characteristics 4 POLES - 1450 rpm

Model	Motor power (kW)	Current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-1000-6/-4	4	- / 8,6	111	135	
THGT/4-1000-6/-5,5	5,5	- / 11,1	127	148	
THGT/4-1000-6/-7,5	7,5	- / 14,8	135	156	
THGT/4-1000-6/-11	11	- / 22,6	159	180	
THGT/4-1000-6/-15	15	- / 28,5	174	195	
THGT/4-1000-6/-18,5	18,5	- / 35	221	242	
THGT/4-1000-6/-22	22	- / 41	236	257	
THGT/4-1000-9/-5,5	5,5	- / 11,1	132	153	
THGT/4-1000-9/-7,5	7,5	- / 14,8	140	161	
THGT/4-1000-9/-11	11	- / 22,6	164	185	
THGT/4-1000-9/-15	15	- / 28,5	179	200	
THGT/4-1000-9/-18,5	18,5	- / 35	226	247	
THGT/4-1000-9/-22	22	- / 41	241	262	

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

■ Technical Characteristics - 6 POLES - 950 rpm

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/6-500-6/-0,55	0,55	2,8 / 1,62	44	50	
THGT/6-560-6/-0,55	0,55	2,8 / 1,62	47	54	
THGT/6-630-6/-0,55	0,55	2,8 / 1,62	45	54	
THGT/6-630-6/-0,75	0,75	3,4 / 1,97	48	57	
THGT/6-630-6/-1,1	1,1	4,9 / 2,82	51	60	
THGT/6-710-3/-0,55	0,55	2,9 / 1,7	57	80	
THGT/6-710-3/-0,75	0,75	4,2 / 2,4	59	82	
THGT/6-710-6/-0,55	0,55	2,9 / 1,7	60	83	
THGT/6-710-6/-0,75	0,75	4,2 / 2,4	62	85	
THGT/6-710-6/-1,1	1,1	5,7 / 3,3	65	88	
THGT/6-800-3/-0,55	0,55	2,9 / 1,7	67	88	
THGT/6-800-3/-0,75	0,75	4,2 / 2,4	69	90	
THGT/6-800-3/-1,1	1,1	5,7 / 3,3	72	93	
THGT/6-800-3/-1,5	1,5	6,8 / 3,9	79	100	
THGT/6-800-6/-0,55	0,55	2,9 / 1,7	71	91	
THGT/6-800-6/-0,75	0,75	4,2 / 2,4	73	93	
THGT/6-800-6/-1,1	1,1	5,7 / 3,3	76	96	
THGT/6-800-6/-1,5	1,5	6,8 / 3,9	83	103	
THGT/6-800-6/-2,2	2,2	9,4 / 5,4	87	107	
THGT/6-800-9/-0,75	0,75	4,2 / 2,4	76	97	
THGT/6-800-9/-1,1	1,1	5,7 / 3,3	79	100	
THGT/6-800-9/-1,5	1,5	6,8 / 3,9	86	107	
THGT/6-800-9/-2,2	2,2	9,4 / 5,4	90	111	
THGT/6-800-9/-3	3	12,0 / 6,9	106	123	
THGT/6-900-6/-1,5	1,5	6,8 / 3,9	98	121	
THGT/6-900-6/-2,2	2,2	9,4 / 5,4	102	125	
THGT/6-900-6/-3	3	12,0 / 6,9	118	137	
THGT/6-900-6/-4	4	- / 8,7	125	144	

Model	Motor power (kW)	Current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/4-1250-6/-15	15	- / 28,5	207	249	
THGT/4-1250-6/-18,5	18,5	- / 35	254	296	
THGT/4-1250-6/-22	22	- / 41	269	311	
THGT/4-1250-6/-30	30	- / 55	312	354	
THGT/4-1250-6/-37	37	- / 68	345	387	
THGT/4-1250-9/-15	15	- / 28,5	213	255	
THGT/4-1250-9/-18,5	18,5	- / 35	260	302	
THGT/4-1250-9/-22	22	- / 41	275	317	
THGT/4-1250-9/-30	30	- / 55	318	360	
THGT/4-1250-9/-37	37	- / 68	351	393	

Model	Motor power (kW)	Full load current (A)		Weight (kg)	
		230 V	400 V	Short casing	Long casing
THGT/6-900-9/-1,5	1,5	6,8 / 3,9	103	125	
THGT/6-900-9/-2,2	2,2	9,4 / 5,4	107	129	
THGT/6-900-9/-3	3	12,0 / 6,9	122	141	
THGT/6-900-9/-4	4	- / 8,7	129	148	
THGT/6-900-9/-5,5	5,5	- / 11,9	137	156	
THGT/6-1000-6/-1,5	1,5	6,8 / 3,9	107	131	
THGT/6-1000-6/-2,2	2,2	9,4 / 5,4	111	135	
THGT/6-1000-6/-3	3	12,0 / 6,9	126	147	
THGT/6-1000-6/-4	4	- / 8,7	133	154	
THGT/6-1000-6/-5,5	5,5	- / 11,9	141	162	
THGT/6-1000-6/-7,5	7,5	- / 17	164	185	
THGT/6-1000-9/-2,2	2,2	9,4 / 5,4	116	140	
THGT/6-1000-9/-3	3	12,0 / 6,9	131	152	
THGT/6-1000-9/-4	4	- / 8,7	138	159	
THGT/6-1000-9/-5,5	5,5	- / 11,9	146	167	
THGT/6-1000-9/-7,5	7,5	- / 17	169	190	
THGT/6-1250-6/-4	4	- / 8,7	166	208	
THGT/6-1250-6/-5,5	5,5	- / 11,9	174	216	
THGT/6-1250-6/-7,5	7,5	- / 17	197	239	
THGT/6-1250-6/-11	11	- / 23	229	271	
THGT/6-1250-6/-15	15	- / 31	269	311	
THGT/6-1250-9/-5,5	5,5	- / 11,9	180	222	
THGT/6-1250-9/-7,5	7,5	- / 17	203	245	
THGT/6-1250-9/-11	11	- / 23	235	277	
THGT/6-1250-9/-15	15	- / 31	275	317	
THGT/6-1250-9/-18,5	18,5	- / 37	318	360	
THGT/6-1250-9/-22	22	- / 45	328	370	

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

Technical characteristics - MOTORS F200-120

THGT 2 speed models

■ Technical Characteristics - 2/4 POLES - 2950/1450 rpm

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/2/4-400-6/-1,1/0,25	1,1	0,25	2,4	0,85	35,5	41,5
THGT/2/4-400-6/-1,5/0,33	1,5	0,33	3,3	1,1	37,5	43,5
THGT/2/4-400-6/-2,2/0,45	2,2	0,45	4,6	1,4	40,5	46,5
THGT/2/4-450-6/-1,5/0,33	1,5	0,33	3,3	1,1	39	45
THGT/2/4-450-6/-2,2/0,45	2,2	0,45	4,6	1,4	42	48
THGT/2/4-450-6/-3/0,6	3	0,6	6,2	1,9	47	53
THGT/2/4-500-6/-2,2/0,45	2,2	0,45	4,6	1,4	45	51
THGT/2/4-500-6/-3/0,6	3	0,6	6,2	1,9	50	56
THGT/2/4-500-6/-4,5/1	4,5	1	8,4	2,4	61	67

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

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/2/4-560-6/-3/0,6	3	0,6	6,2	1,9	54	61,5
THGT/2/4-560-6/-4,5/1	4,5	1	8,4	2,4	65	72,5
THGT/2/4-560-6/-6,2/1,3	6,2	1,3	11,8	3,5	75	82,5
THGT/2/4-560-6/-8,3/1,7	8,3	1,7	15,4	4,2	89	96,5
THGT/2/4-630-6/-6,2/1,3	6,2	1,9	11,8	3,5	77,5	86
THGT/2/4-630-6/-8,3/1,7	8,3	1,7	15,4	4,2	91,5	100

■ Technical Characteristics - 4/8 POLES - 1450-730 rpm

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-400-6/-0,55/0,13	0,55	0,13	1,8	0,65	33	39
THGT/4/8-450-6/-0,55/0,13	0,55	0,13	1,8	0,65	35	41
THGT/4/8-500-6/-0,55/0,13	0,55	0,13	1,8	0,65	38	44
THGT/4/8-500-6/-0,75/0,17	0,75	0,17	2,15	0,75	39	45
THGT/4/8-500-6/-1,1/0,26	1,1	0,26	2,8	1,2	42	48
THGT/4/8-560-6/-0,55/0,13	0,55	0,13	1,8	0,65	42	49,5
THGT/4/8-560-6/-0,75/0,17	0,75	0,17	2,15	0,75	43	50
THGT/4/8-560-6/-1,1/0,26	1,1	0,26	2,8	1,2	46	53
THGT/4/8-560-6/-1,7/0,35	1,7	0,35	4	1,6	49	56
THGT/4/8-560-6/-2,3/0,5	2,3	0,5	5,2	1,9	53	60
THGT/4/8-630-6/-0,75/0,17	0,75	0,17	2,15	0,75	47	56
THGT/4/8-630-6/-1,1/0,26	1,1	0,26	2,8	1,2	48	57
THGT/4/8-630-6/-1,7/0,35	1,7	0,35	4	1,6	51	60
THGT/4/8-630-6/-2,3/0,5	2,3	0,5	5,2	1,9	55	64
THGT/4/8-630-6/-3/0,65	3	0,65	6,8	2,5	61	70
THGT/4/8-710-3/-0,75/0,17	0,75	0,17	2,15	0,75	64	87
THGT/4/8-710-3/-1,1/0,26	1,1	0,26	2,8	1,2	76	99
THGT/4/8-710-3/-1,7/0,35	1,7	0,35	4	1,6	79	102
THGT/4/8-710-3/-2,3/0,5	2,3	0,5	4,7	1,66	87	110
THGT/4/8-710-3/-3/0,65	3	0,65	5,2	1,9	88	111
THGT/4/8-710-6/-1,1/0,26	1,1	0,26	2,8	1,2	75	98
THGT/4/8-710-6/-1,7/0,35	1,7	0,35	4	1,6	78	101
THGT/4/8-710-6/-2,3/0,5	2,3	0,5	4,7	1,66	86	109
THGT/4/8-710-6/-3/0,65	3	0,65	5,2	1,9	87	110
THGT/4/8-710-6/-4/0,75	4	0,75	8,8	3,3	94	117

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

Model	Motor (kW)		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-800-3/-1,1/0,26	1,1	0,26	2,8	1,2	69	90
THGT/4/8-800-3/-1,7/0,35	1,7	0,35	4	1,6	72	93
THGT/4/8-800-3/-2,3/0,5	2,3	0,5	5,2	1,9	76	97
THGT/4/8-800-3/-3/0,65	3	0,65	6,8	2,5	82	103
THGT/4/8-800-3/-5/1	5	1	9,9	3,3	104	125
THGT/4/8-800-6/-1,7/0,35	1,7	0,35	4	1,6	75	96
THGT/4/8-800-6/-2,3/0,5	2,3	0,5	5,2	1,9	79	100
THGT/4/8-800-6/-3/0,65	3	0,65	6,8	2,5	85	106
THGT/4/8-800-6/-5/1	5	1	9,9	3,3	107	128
THGT/4/8-800-6/-6,8/1,4	6,8	1,4	13,7	5,1	118	139
THGT/4/8-800-9/-2,3/0,5	2,3	0,5	5,2	1,9	82	103
THGT/4/8-800-9/-3/0,65	3	0,65	6,8	2,5	88	109
THGT/4/8-800-9/-4/0,75	4	0,75	8,8	3,3	98	119
THGT/4/8-800-9/-5/1	5	1	9,9	3,3	110	131
THGT/4/8-800-9/-6,8/1,4	6,8	1,4	13,7	5,1	121	142
THGT/4/8-800-9/-8,4/2,05	8,4	2,05	16	5,7	121	142
THGT/4/8-900-6/-3/0,65	3	0,65	6,8	2,5	102	124
THGT/4/8-900-6/-5/1	5	1	9,9	3,3	124	146
THGT/4/8-900-6/-6,8/1,4	6,8	1,4	13,7	5,1	135	157
THGT/4/8-900-6/-10,5/2,2	10,5	2,2	21	7,4	170	192
THGT/4/8-900-6/-8,4/2,05	8,4	2,05	16	5,7	135	157
THGT/4/8-900-6/-15,5/2,7	15,5	2,7	30	9,5	193	215
THGT/4/8-900-9/-5/1	5	1	9,9	3,3	129	151
THGT/4/8-900-9/-6,8/1,4	6,8	1,4	13,7	5,1	140	162
THGT/4/8-900-9/-8,4/2,05	8,4	2,05	16	5,7	140	162
THGT/4/8-900-9/-10,5/2,2	10,5	2,2	21	7,4	175	197
THGT/4/8-900-9/-15,5/2,7	15,5	2,7	30	9,5	198	220
THGT/4/8-900-9/-17/3,4	17	3,4	33	11	218	240





Technical characteristics - MOTORS F200-120

THGT 2 speed models

■ Technical Characteristics - 4/8 POLES - 1450-730 rpm

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-1000-6/-5/1	5 / 1	9,9 / 3,3	135	157		
THGT/4/8-1000-6/-6,8/1,4	6,8 / 1,4	13,7 / 5,1	146	168		
THGT/4/8-1000-6/-8,4/2,05	8,4 / 2,05	16 / 5,7	146	168		
THGT/4/8-1000-6/-10,5/2,2	10,5 / 2,2	21 / 7,4	181	203		
THGT/4/8-1000-6/-15,5/2,7	15,5 / 2,7	30 / 9,5	204	226		
THGT/4/8-1000-6/-17/3,4	17 / 3,4	33 / 11	224	246		
THGT/4/8-1000-6/-22/4,4	22 / 4,4	43 / 15	248	270		

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-1250-6/-15,5/2,7	15,5 / 2,7	30 / 9,5	238	280		
THGT/4/8-1250-6/-17/3,4	17 / 3,4	33 / 11	258	300		
THGT/4/8-1250-6/-22/4,4	22 / 4,4	43 / 15	282	324		
THGT/4/8-1250-6/-29/6,5	29 / 6,5	54 / 17	324	366		
THGT/4/8-1250-6/-33/8	33 / 8	61 / 21	349	391		

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-1250-9/-15,5/2,7	15,5 / 2,7	30 / 9,5	244	286		
THGT/4/8-1250-9/-17/3,4	17 / 3,4	33 / 11	264	306		
THGT/4/8-1250-9/-22/4,4	22 / 4,4	43 / 15	288	330		
THGT/4/8-1250-9/-29/6,5	29 / 6,5	54 / 17	330	372		
THGT/4/8-1250-9/-33/8	33 / 8	61 / 21	355	397		

Model	Motor		Full load current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/4/8-1000-9/-5/1	5 / 1	9,9 / 3,3	140	162		
THGT/4/8-1000-9/-6,8/1,4	6,8 / 1,4	13,7 / 5,1	151	173		
THGT/4/8-1000-9/-8,4/2,05	8,4 / 2,05	16 / 5,7	146	168		
THGT/4/8-1000-9/-10,5/2,2	10,5 / 2,2	21 / 7,4	186	208		
THGT/4/8-1000-9/-15,5/2,7	15,5 / 2,7	30 / 9,5	209	231		
THGT/4/8-1000-9/-17/3,4	17 / 3,4	33 / 11	229	251		
THGT/4/8-1000-9/-22/4,4	22 / 4,4	43 / 15	253	275		

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

■ Technical Characteristics - 6/12 POLES - 950-475 rpm

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-500-6/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	46	52		
THGT/6/12-560-6/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	50	56		
THGT/6/12-630-6/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	51	60		
THGT/6/12-630-6/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	58	67		
THGT/6/12-710-3/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	62	85		
THGT/6/12-710-6/-0,75/0,12	0,75 / 0,12	2,28 / 1,02	65	88		
THGT/6/12-710-6/-1,3/0,2	1,3 / 0,2	4,49 / 1,67	72	95		
THGT/6/12-800-3/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	72	93		
THGT/6/12-800-3/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	79	100		
THGT/6/12-800-6/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	75	96		
THGT/6/12-800-6/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	82	103		
THGT/6/12-800-6/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	92	113		
THGT/6/12-800-9/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	78	99		
THGT/6/12-800-9/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	85	106		
THGT/6/12-800-9/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	95	116		
THGT/6/12-800-9/-4/0,75	4 / 0,75	9,4 / 3,4	121	142		
THGT/6/12-900-6/-0,75/0,12	0,75 / 0,12	2,4 / 0,9	92	114		
THGT/6/12-900-6/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	99	121		
THGT/6/12-900-6/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	109	131		
THGT/6/12-900-6/-4/0,75	4 / 0,75	9,4 / 3,4	135	157		

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-900-9/-1,3/0,2	1,3 / 0,2	3,5 / 1,2	104	126		
THGT/6/12-900-9/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	114	136		
THGT/6/12-900-9/-4/0,75	4 / 0,75	9,4 / 3,4	140	162		
THGT/6/12-900-9/-7,5/1,3	7,5 / 1,3	17,5 / 5,5	158	180		

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-1000-6/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	120	142		
THGT/6/12-1000-6/-4/0,75	4 / 0,75	9,4 / 3,4	146	168		
THGT/6/12-1000-6/-7,5/1,3	7,5 / 1,3	17,5 / 5,5	173	195		

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-1000-9/-2,2/0,37	2,2 / 0,37	5,6 / 2,2	125	147		
THGT/6/12-1000-9/-4/0,75	4 / 0,75	9,4 / 3,4	151	173		
THGT/6/12-1000-9/-7,5/1,3	7,5 / 1,3	17,5 / 5,5	178	200		

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-1250-6/-4/0,75	4 / 0,75	9,4 / 3,4	180	222		
THGT/6/12-1250-6/-7,5/1,3	7,5 / 1,3	17,5 / 5,5	207	249		
THGT/6/12-1250-6/-11/1,8	11 / 1,8	26,2 / 8	229	271		
THGT/6/12-1250-6/-15/2,5	15 / 2,5	33,4 / 10,4	267	309		

Model	Motor		Current 400 V (A)		Weight (kg)	
	V.1	v.2	V.1	v.2	Short casing	Long casing
THGT/6/12-1250-9/-7,5/1,3	7,5 / 1,3	17,5 / 5,5	213	255		
THGT/6/12-1250-9/-11/1,8	11 / 1,8	26,2 / 8	235	277		
THGT/6/12-1250-9/-15/2,5	15 / 2,5	33,4 / 10,4	273	315		
THGT/6/12-1250-9/-18,5/3	18,5 / 3	38,2 / 11,45	332	374		
THGT/6/12-1250-9/-25/4,5	25 / 4,5	52,2 / 16,6	362	404		

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

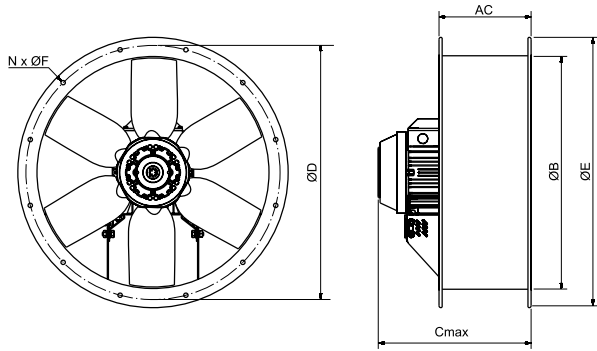
THGT

Cylindrical cased axial flow fans

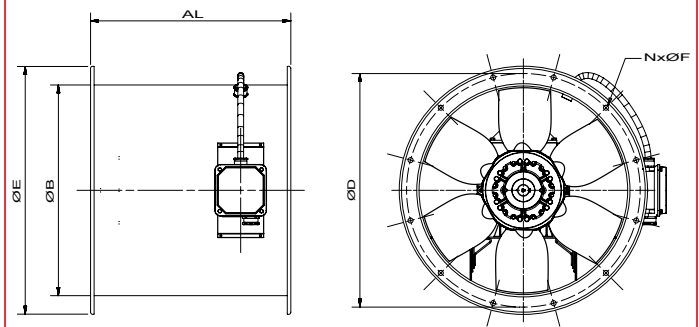


■ Dimensions (mm)

THGT - short casing



THGT - long casing



Model	AC	AL	B	C	D	E	F	N
400	250	380	400	402	450	487	12	8
450	250	480	450	457	500	537	12	8
500	250	480	500	467	560	595	12	12
560	280	600	560	564	620	655	12	12
630	280	600 (700*)	630	564	690	725	12	12
710	380	600	710	564	770	806	12	16
800	380	600	800	564	860	896	12	16
900	450	750	900	737	970	1005	15	16
1000	450	780	1000	767	1070	1105	15	16
1250	500	1150	1250	895	1320	1355	15	20

* F200-120 2 pole motors 11kW AL=700



■ Mounting accessories

Model	Duct. Match. Flange	Bellmouth protection guard	Circular flexible connector	Inlet grille guard	Outlet grille guard
400	ARO BRIDA TGT/THGT-400	EMB- 400T	ACOPEL F400-400/160	DEF.ASP.TGT/THGT- 400 (impeller side)	DEF. DES. TGT/ THGT- 400 (motor side)
450	ARO BRIDA TGT/THGT-450	EMB- 450T	ACOPEL F400-450/160	DEF.ASP.TGT/THGT- 450 (impeller side)	DEF. DES. TGT/ THGT- 450 (motor side)
500	ARO BRIDA TGT/ THGT- 500	EMB- 500T	ACOPEL F400-500/300	DEF.ASP.TGT/THGT- 500 (impeller side)	DEF. DES. TGT/ THGT- 500 (motor side)
560	ARO BRIDA TGT/ THGT- 560	EMB- 560T	ACOPEL F400-560/300	DEF.ASP.TGT/THGT- 560 (impeller side)	DEF. DES. TGT/ THGT- 560 (motor side)
630	ARO BRIDA TGT/ THGT- 630	EMB- 630T	ACOPEL F400-630/300	DEF.ASP.TGT/THGT- 630 (impeller side)	DEF. DES. TGT/ THGT- 630 (motor side)
710	ARO BRIDA TGT/ THGT- 710	EMB- 710T	ACOPEL F400-710/300	DEF.ASP.TGT/THGT- 710 (impeller side)	DEF. DES. TGT/ THGT- 710 (motor side)
800	ARO BRIDA TGT/ THGT- 800	EMB- 800T	ACOPEL F400-800/300	DEF.ASP.TGT/THGT- 800 (impeller side)	DEF. DES. TGT/ THGT- 800 (motor side)
900	ARO BRIDA TGT/ THGT- 900	EMB- 900T	ACOPEL F400-900/300	DEF.ASP.TGT/THGT- 900 (impeller side)	DEF. DES. TGT/ THGT- 900 (motor side)
1000	ARO BRIDA TGT/ THGT- 1000	EMB- 1000T	ACOPEL F400-1000/300	DEF.ASP.TGT/THGT- 1000 (impeller side)	DEF. DES. TGT/ THGT- 1000 (motor side)
1250	ARO BRIDA TGT/ THGT- 1250	EMB- 1250T	ACOPEL F400-1250/300	DEF.ASP.TGT/THGT- 1250 (impeller side)	DEF. DES. TGT/ THGT- 1250 (motor side)



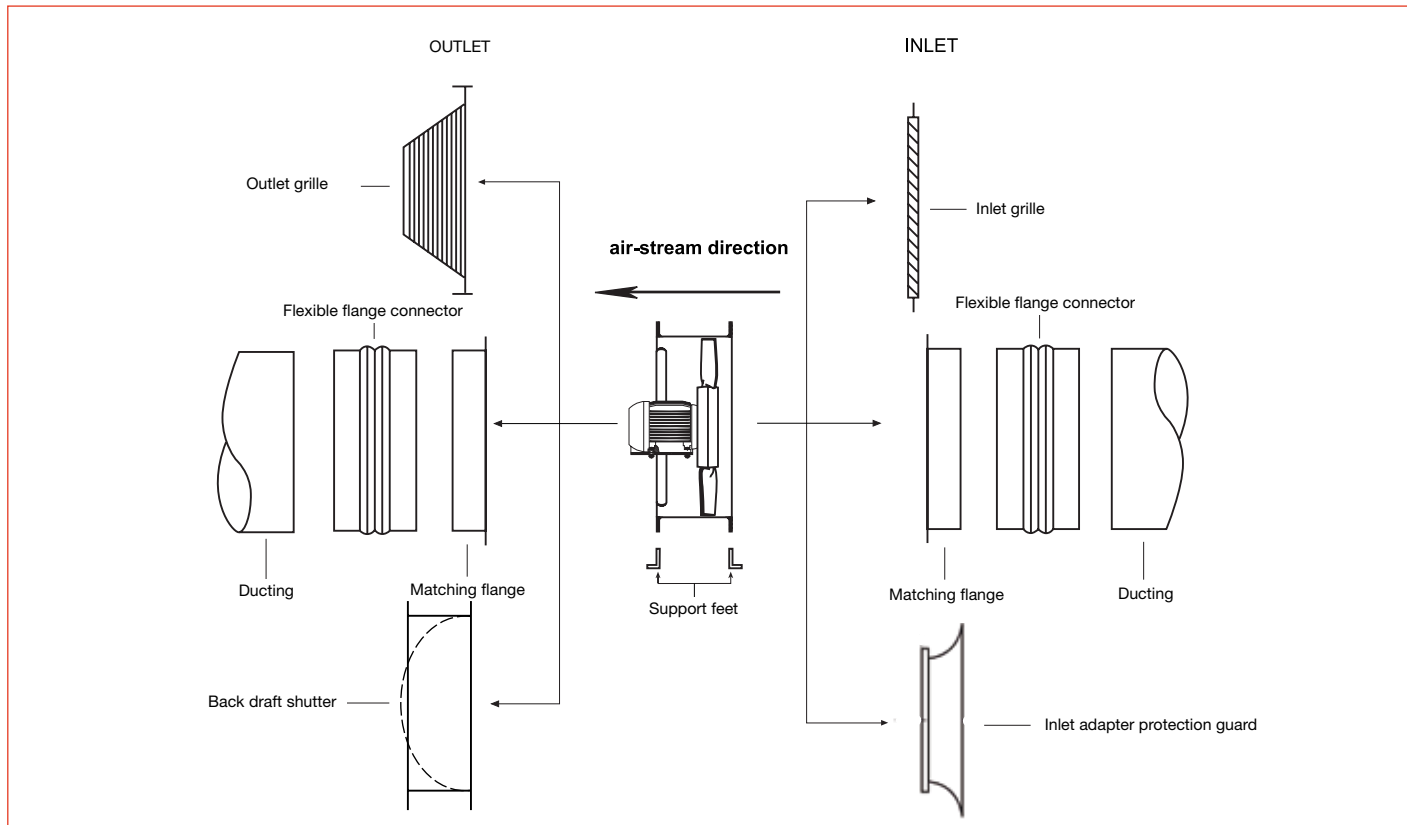
Model	Support feet (Horizontal)	Support feet (Vertical)	Back draft shutter	Circular sound attenuator	Attenuator with acoustic pod	Antivibration mount
400	PIE SOPORTE TGT/THGT-400	PIE SOPORTE TGT/THGT-400 V	-	SIL CZ 400	SIL CZO 400	Divide the total weight of the fan by 4, as you need 4 antivibration mounts per unit. (see the table in the mounting accessories).
450	PIE SOPORTE TGT/THGT-450	PIE SOPORTE TGT/THGT-450 V	CLAR-450	SIL CZ 450	SIL CZO 450	
500	PIE SOPORTE TGT/THGT-500	PIE SOPORTE TGT/THGT-500 V	CLAR-500	SIL CZ 500	SIL CZO 500	
560	PIE SOPORTE TGT/THGT-560	PIE SOPORTE TGT/THGT-560 V	CLAR 560	SIL CZ 560	SIL CZO 560	
630	PIE SOPORTE TGT/THGT-630	PIE SOPORTE TGT/THGT-630 V	CLAR 630	SIL CZ 630	SIL CZO 630	
710	PIE SOPORTE TGT/THGT-710	PIE SOPORTE TGT/THGT-710 V	CLAR 710	SIL CZ 710	SIL CZO 710	
800	PIE SOPORTE TGT/THGT-800	PIE SOPORTE TGT/THGT-800 V	CLAR 800	SIL CZ 800	SIL CZO 800	
900	PIE SOPORTE TGT/THGT-900	PIE SOPORTE TGT/THGT-900 V	CLAR 900	SIL CZ 900	SIL CZO 900	
1000	PIE SOPORTE TGT/THGT-1000	PIE SOPORTE TGT/THGT-1000 V	CLAR 1000	SIL CZ 1000	SIL CZO 1000	
1250	PIE SOPORTE TGT/THGT-1250	PIE SOPORTE TGT/THGT-1250 V	CLAR 1250	SIL CZ 1250	SIL CZO 1250	



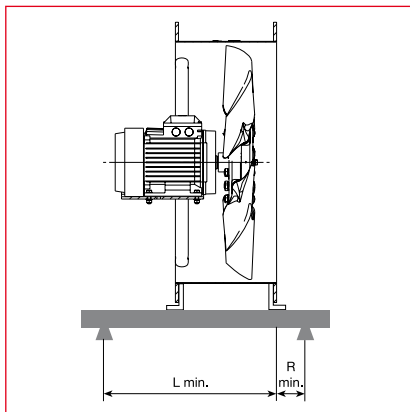
Full details on the pages of **MOUNTING ACCESSORIES**.



■ Fitting anti-vibration mounts in the short casing models



■ Fitting anti-vibration mounts in the short casing models



When fitting anti-vibration mountings, short casing models, it is recommended they are fitted to a suitable support frame (not supplied by S&P) following the minimum distances as specified in the table.

THGT model	L min.	R min.	Total
400	370	60	430
450	430	70	500
500	440	70	510
560	550	80	630
630	550	80	630
710	550	80	630
800	550	90	640
900	750	100	850
1000	750	100	850
1250	900	100	1000





Performance curves - 2 pole motors - THGT F400

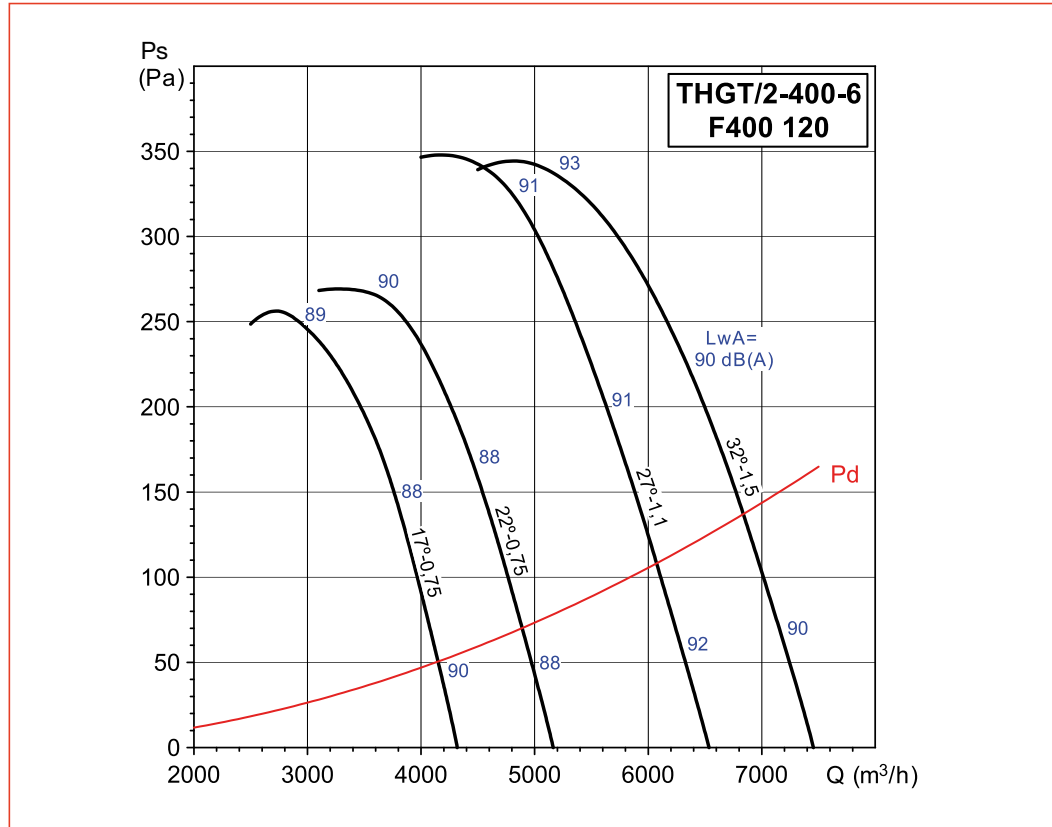
- Q = Air volume in m³/hr.
- Ps = Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES 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)).

THGT

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

THGT/2-400-6/_°-KW



Acoustic characteristics

Sound power spectrum: The sound levels shown in these tables are sound power levels at the outlet and inlet, in dB(A) for frequency ranges at three points of the curve: **A**- free outlet, **B**- medium pressure, **C**- maximum pressure.

THGT/2- 400-6/17	63	125	250	500	1.000	2.000	4.000	8.000
A	45	58	72	83	87	84	78	69
B	44	57	73	81	84	82	78	70
C	45	58	74	82	85	83	79	71
THGT/2- 400-6/22	63	125	250	500	1.000	2.000	4.000	8.000
A	44	57	69	83	84	82	78	70
B	43	57	72	80	84	83	78	67
C	45	59	74	82	85	85	79	68
THGT/2- 400-6/27	63	125	250	500	1.000	2.000	4.000	8.000
A	50	63	74	83	87	86	81	74
B	47	65	74	82	87	86	82	75
C	49	65	75	83	88	87	83	76
THGT/2- 400-6/32	63	125	250	500	1.000	2.000	4.000	8.000
A	56	69	80	86	88	86	83	76
B	49	66	76	82	86	85	81	74
C	49	66	76	83	86	85	82	74



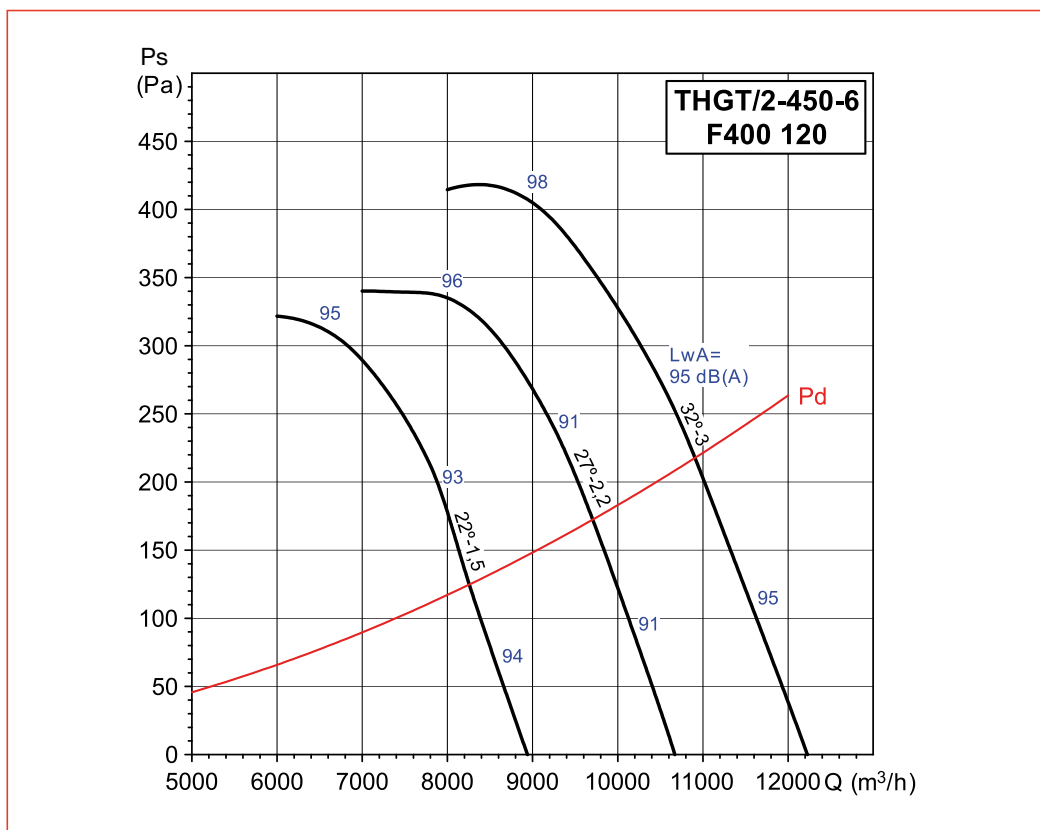
■ Performance curves - 2 pole motors - THGT F400

- Q = Air volume in m³/hr.
- Ps = 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 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)).

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

THGT/2-450-6/_°_KW



THGT

Cylindrical cased axial flow fans

■ Acoustic characteristics

Sound power spectrum: The sound levels shown in these tables are sound power levels at the outlet and inlet, in dB(A) for frequency ranges at three points of the curve: **A**- free outlet, **B**- medium pressure, **C**- maximum pressure.

THGT/2- 450-6/22	63	125	250	500	1.000	2.000	4.000	8.000
A	51	64	76	89	91	89	85	77
B	48	62	77	85	88	88	82	71
C	49	63	78	86	90	89	84	73
THGT/2- 450-6/27	63	125	250	500	1.000	2.000	4.000	8.000
A	55	68	79	88	92	91	86	78
B	48	65	74	82	87	86	82	75
C	48	65	74	82	88	86	83	75
THGT/2- 450-6/32	63	125	250	500	1.000	2.000	4.000	8.000
A	61	74	85	92	94	92	88	81
B	53	70	80	87	90	89	86	78
C	53	70	80	87	90	89	86	78





Performance curves - 2 pole motors - THGT F400

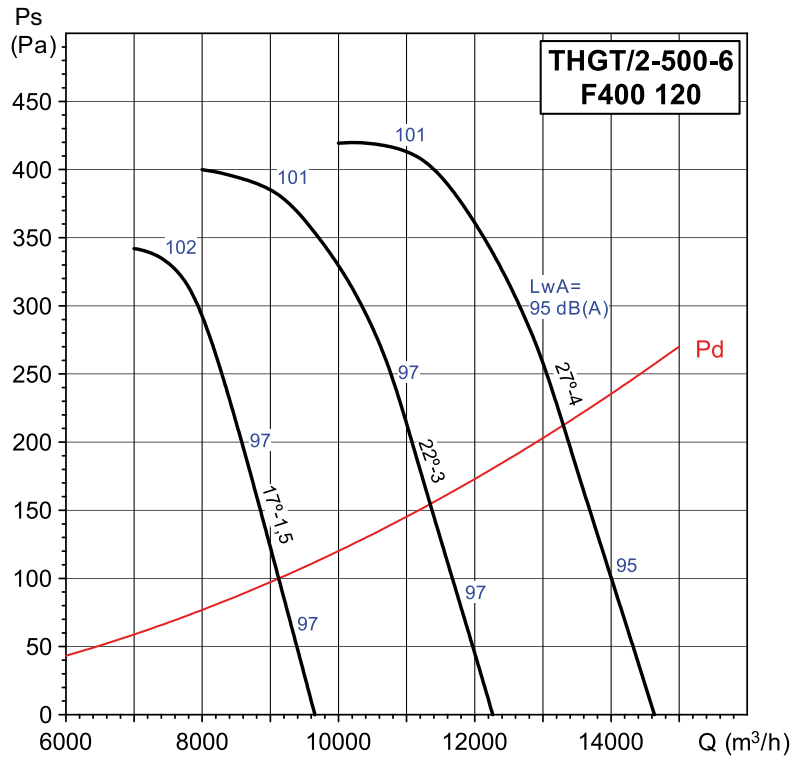
- Q = Air volume in m³/hr.
- Ps = Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES 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)).

THGT

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

THGT/2-500-6/_°_KW



Acoustic characteristics

Sound power spectrum: The sound levels shown in these tables are sound power levels at the outlet and inlet, in dB(A) for frequency ranges at three points of the curve: **A**- free outlet, **B**- medium pressure, **C**- maximum pressure.

THGT/2- 500-6/17	63	125	250	500	1.000	2.000	4.000	8.000
A	57	70	84	95	99	96	90	81
B	53	67	83	90	93	92	87	80
C	53	66	82	90	93	91	87	79
THGT/2- 500-6/22	63	125	250	500	1.000	2.000	4.000	8.000
A	57	70	82	95	97	95	91	83
B	52	66	81	89	93	92	87	76
C	52	66	81	90	93	92	87	76
THGT/2- 500-6/27	63	125	250	500	1.000	2.000	4.000	8.000
A	60	74	84	93	97	96	91	84
B	52	69	78	86	91	90	86	79
C	52	69	78	86	91	90	86	79



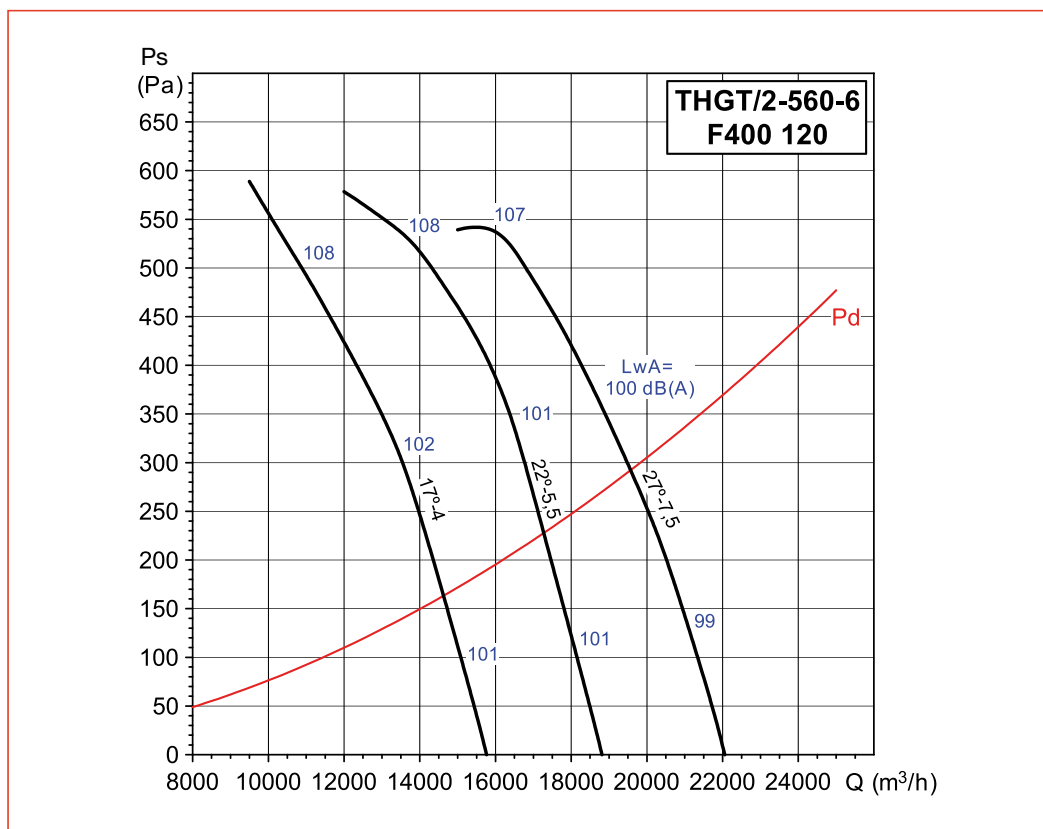
■ Performance curves - 2 pole motors - THGT F400

- Q = Air volume in m³/hr.
- Ps = 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 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)).

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

THGT/2-560-6/ °- _KW



THGT

Cylindrical cased axial flow fans

■ Acoustic characteristics

Sound power spectrum: The sound levels shown in these tables are sound power levels at the outlet and inlet, in dB(A) for frequency ranges at three points of the curve: **A**- free outlet, **B**- medium pressure, **C**- maximum pressure.

THGT/2- 560-6/17	63	125	250	500	1.000	2.000	4.000	8.000
A	63	76	90	101	105	102	96	87
B	58	71	87	95	98	96	92	84
C	57	70	86	94	97	95	91	84
THGT/2- 560-6/22	63	125	250	500	1.000	2.000	4.000	8.000
A	63	76	88	101	104	102	97	90
B	56	70	85	94	97	96	91	80
C	56	70	85	93	97	96	91	80
THGT/2- 560-6/27	63	125	250	500	1.000	2.000	4.000	8.000
A	66	79	90	99	103	102	97	90
B	56	73	83	91	96	95	91	83
C	56	72	82	90	95	94	90	83





Performance curves - 2 pole motors - THGT F400

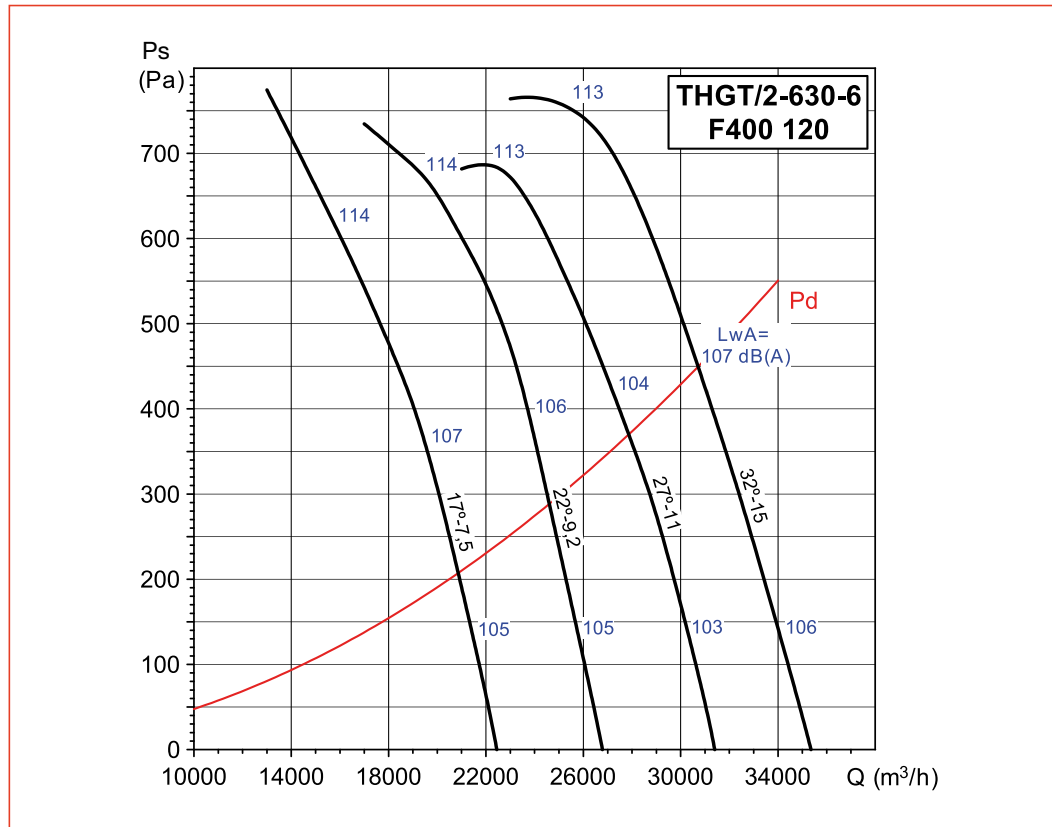
- Q = Air volume in m³/hr.
- Ps = Static pressure in Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

THE SOUND LEVEL VALUES 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)).

THGT

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

THGT/2-630-6/_°-KW



Acoustic characteristics

Sound power spectrum: The sound levels shown in these tables are sound power levels at the outlet and inlet, in dB(A) for frequency ranges at three points of the curve: **A**- free outlet, **B**- medium pressure, **C**- maximum pressure.

THGT/2-630-6/17	63	125	250	500	1.000	2.000	4.000	8.000
A	69	82	97	107	111	109	103	94
B	62	76	92	100	103	101	97	89
C	61	74	90	98	102	100	95	88
THGT/2-630-6/22	63	125	250	500	1.000	2.000	4.000	8.000
A	70	83	95	108	110	108	104	97
B	61	74	90	98	102	101	96	85
C	60	74	89	98	101	100	95	84
THGT/2-630-6/27	63	125	250	500	1.000	2.000	4.000	8.000
A	72	85	96	105	109	108	103	96
B	61	78	87	95	101	99	95	88
C	60	76	86	94	100	98	94	87
THGT/2-630-6/32	63	125	250	500	1.000	2.000	4.000	8.000
A	76	89	100	106	108	106	103	96
B	66	83	92	99	102	102	98	91
C	65	82	92	99	102	101	98	90

■ Example of selecting THGT/ TGT 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.

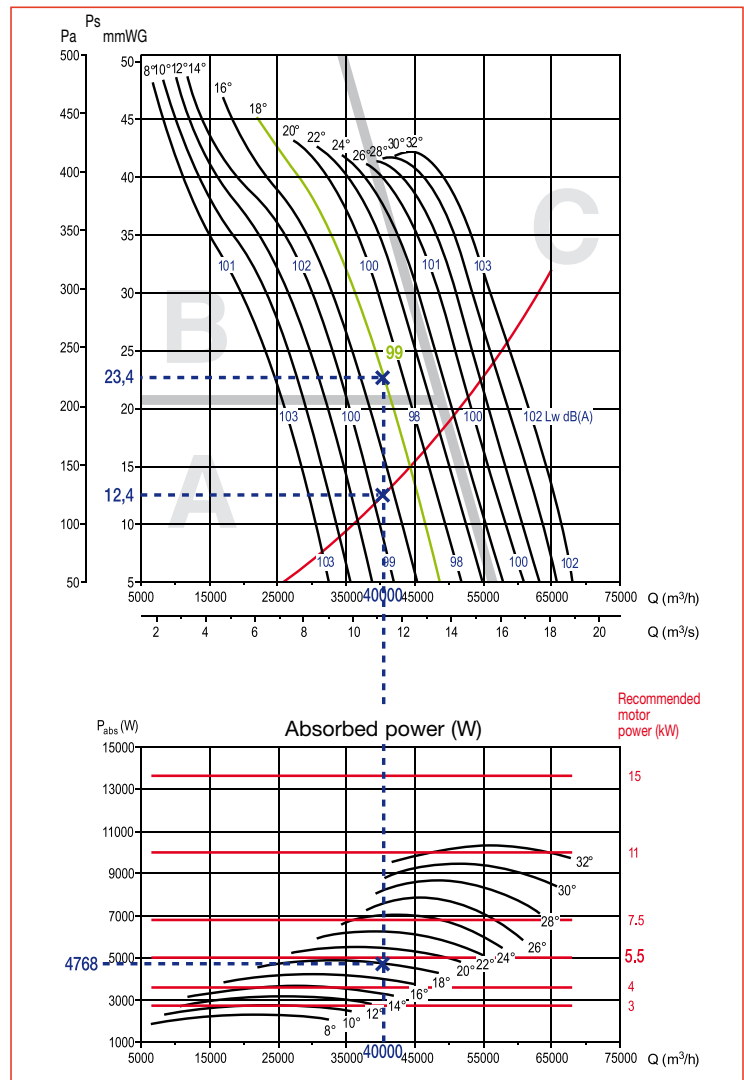
THGT / TGT	
Number of poles	4
Nominal diameter (mm)	1000
Number of blades	3

THGT/4-1000-3/ ° - kW
TGT/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)).



Required working point:

Airflow.....: 40,000 m³/hr = 11,1 m³/s
 Pressure...: 23.4 mmWG

- With the required volume and pressure calculated, trace along the vertical axis (against volume value: 40,000 m³/h) and horizontal axis (against pressure value: 23.4 mmWG) to the point of intersection as shown. This intersection point lies on the fan curve (green line) with 18° blade pitch angle. From this point we can also approximate the sound power level as being 99 dB(A), as this value lies between 100 dB(A) and 98 dB(A).
- On the same graphic, the intersection point with the red line gives the dynamic pressure with 12.4 mmWG.
- On the bottom part of the graphic, the intersection point with the fan curve (18°) gives, on the left scale, the absorbed power (4,768W) at the motor shaft. We recommend to apply a 10% security margin on this value to select the motor power (horizontal red line directly above this value and corresponding with the recommended power motor shown on the right scale - 5,5kW)
- Depending on the noise area (A, B, C), to obtain the sound power level spectrum, subtract the correction factors corresponding on the area (in this case B) from the global value lain on the graph (99 dB(A)).

Spectrum sound power level

Hz	dB(A)	B	Lw dB(A)
63	99	20	79
125	99	19	80
250	99	11	88
500	99	5	94
1000	99	5	94
2000	99	7	92
4000	99	13	86
8000	99	20	79

Sound pressure spectrum

Hz	dB(A)	Atten.	Lp dB(A)
63	79	20	59
125	80	20	60
250	88	20	68
500	94	20	74
1000	94	20	74
2000	92	20	72
4000	86	20	66
8000	79	20	59

The resulting model would be **THGT/4-1000/3-18-5,5 kW**
TGT/4-1000/3-18-5,5 kW





Performance curves - 2 pole motors - THGT F200 - F300 / TGT

- 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)).

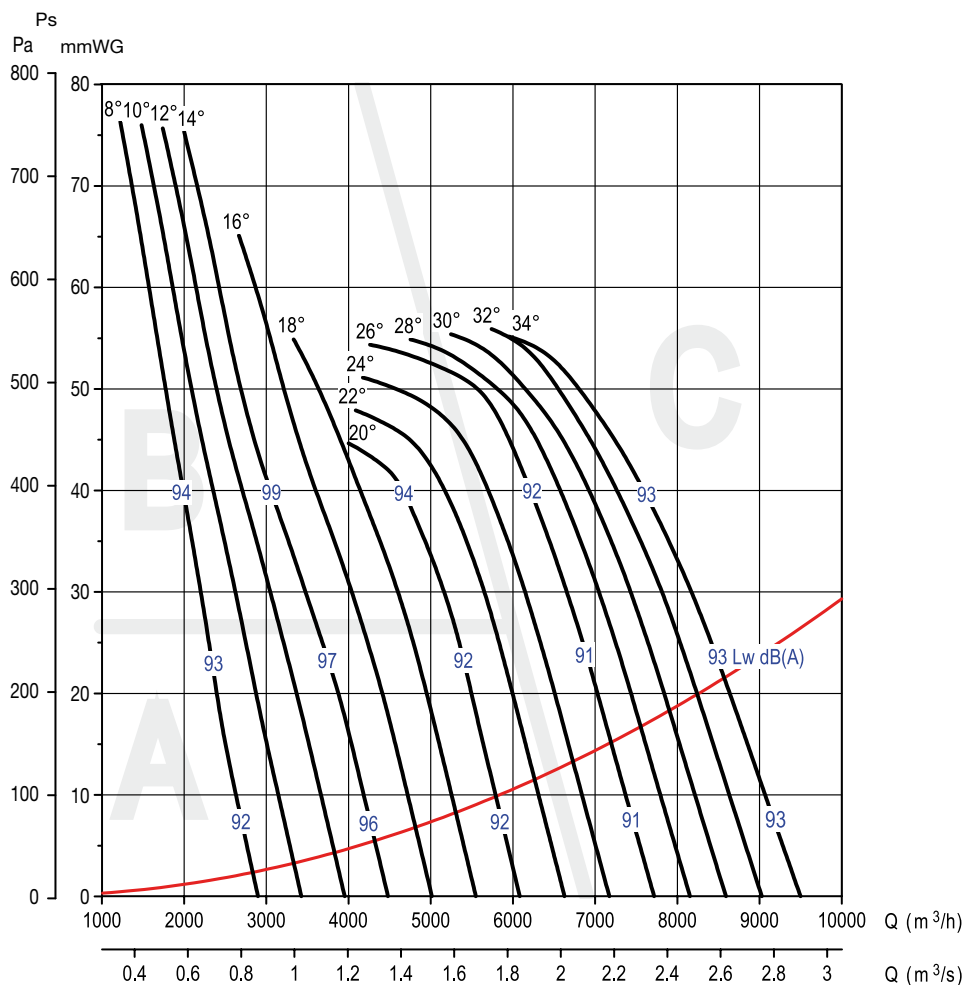
THGT F200 - F300 / TGT

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

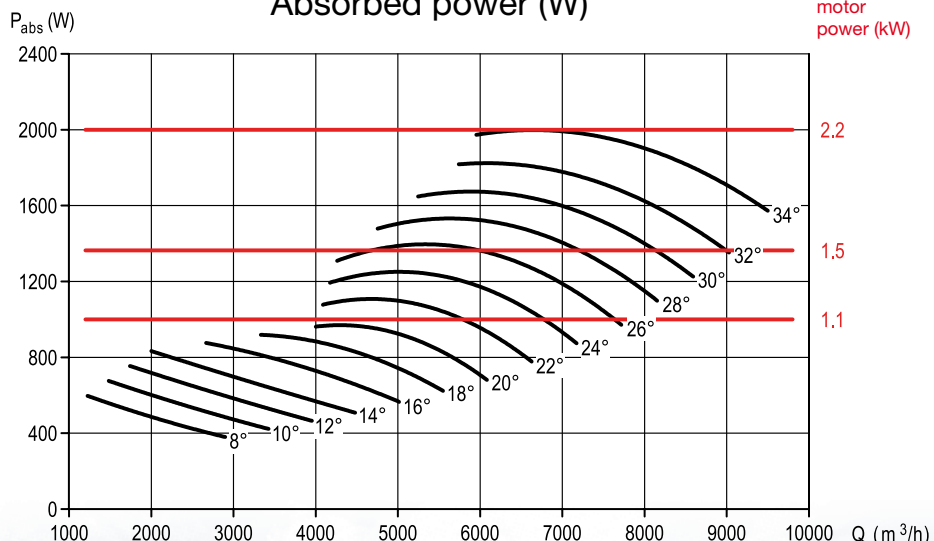
TGT/2-400-6/_°- kW
THGT/2-400-6/_°- kW

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)



Recommended motor power (kW)

THGT

Cylindrical cased axial flow fans





Performance curves - 2 pole motors - THGT F200 - F300 / TGT

- 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)).

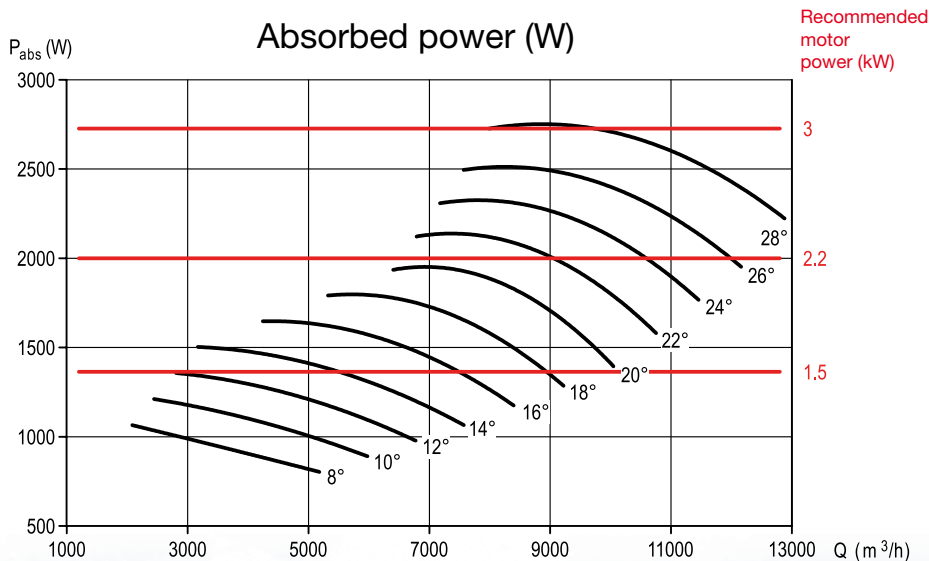
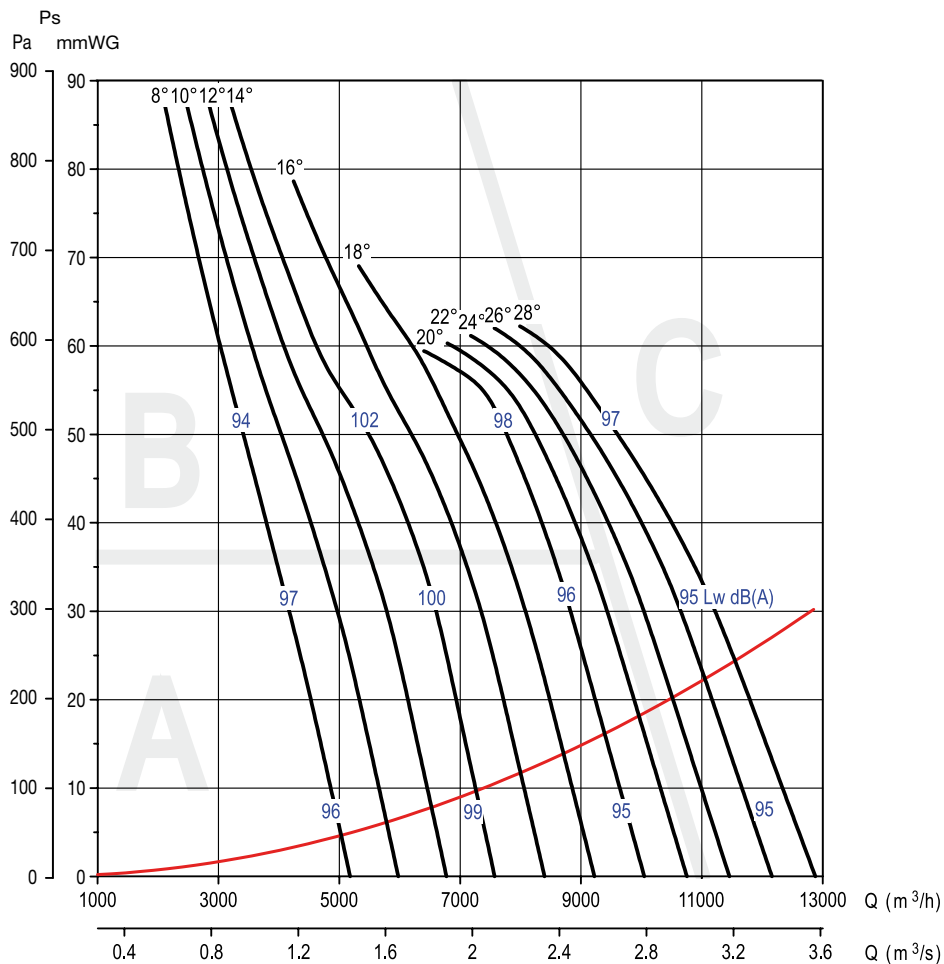
THGT F200 - F300 / TGT	
Number of poles	2
Nominal diameter (mm)	450
Number of blades	6

TGT/2-450-6/ °- kW
THGT/2-450-6/ °- kW

THGT series only F200 and F300

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 - 2 pole motors - THGT F200 - F300 / TGT

- 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)).

THGT F200 - F300 / TGT

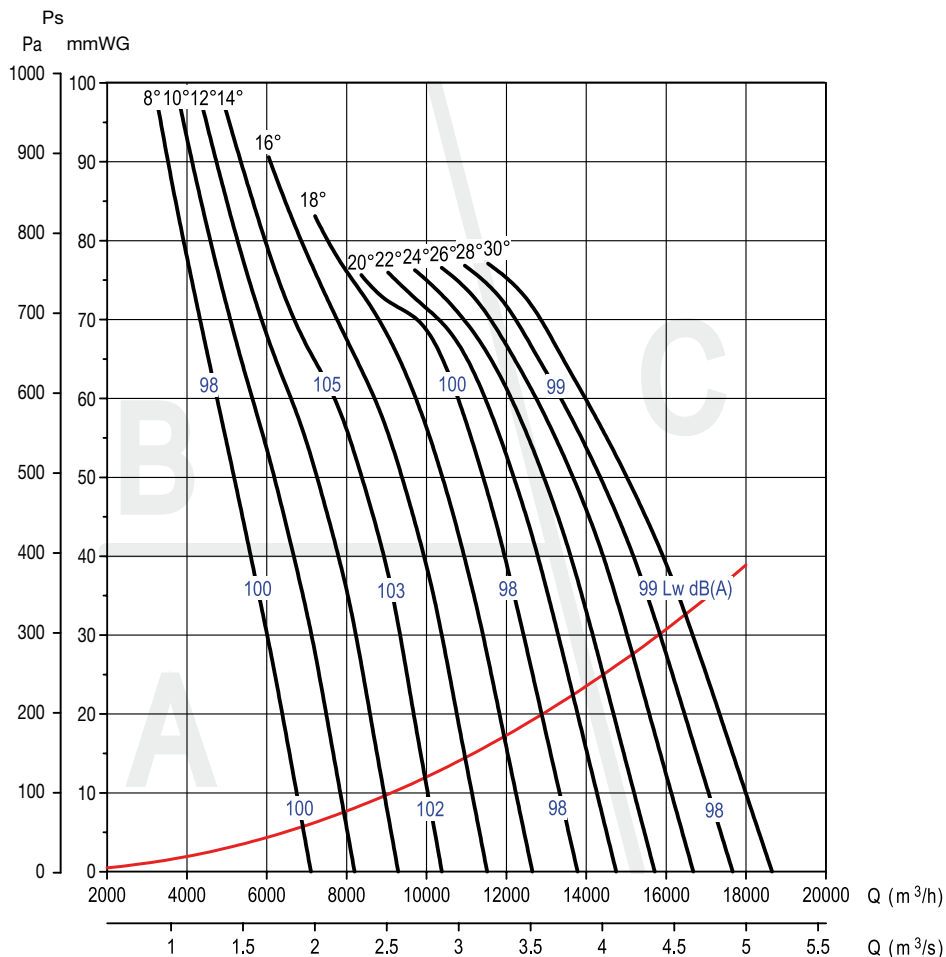
Number of poles	2
Nominal diameter (mm)	500
Number of blades	6

TGT/2-500-6/_°_ kW
THGT/2-500-6/_°_ kW

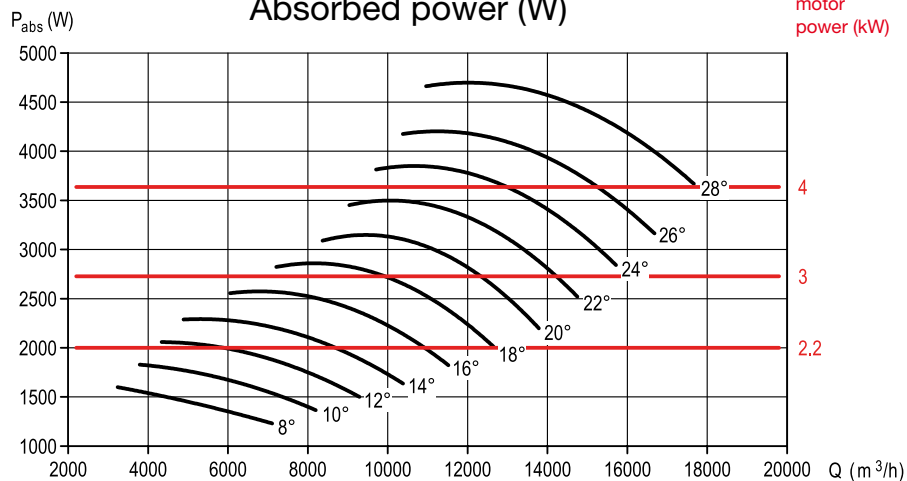
THGT series only F200 and F300

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 - THGT F200 - F300 / TGT

- 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)).

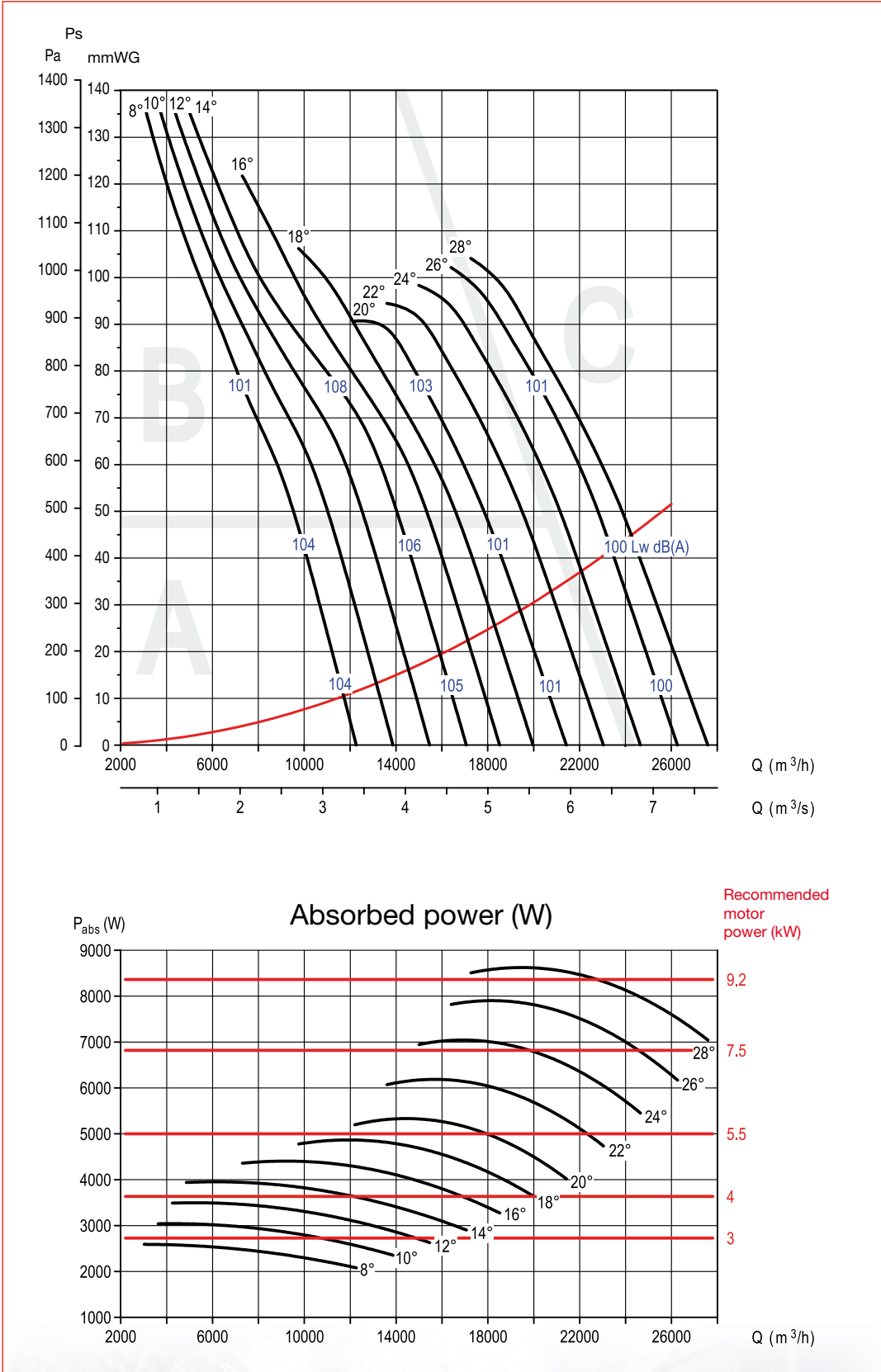
THGT F200 - F300 / TGT	
Number of poles	2
Nominal diameter (mm)	560
Number of blades	6

TGT/2-560-6/ _ ° - _ kW
THGT/2-560-6/ _ ° - _ kW

THGT series only F200 and F300

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.



THGT

Cylindrical cased axial flow fans





Performance curves - 2 pole motors - THGT F200 - F300 / TGT

- 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)).

THGT F200 - F300 / TGT

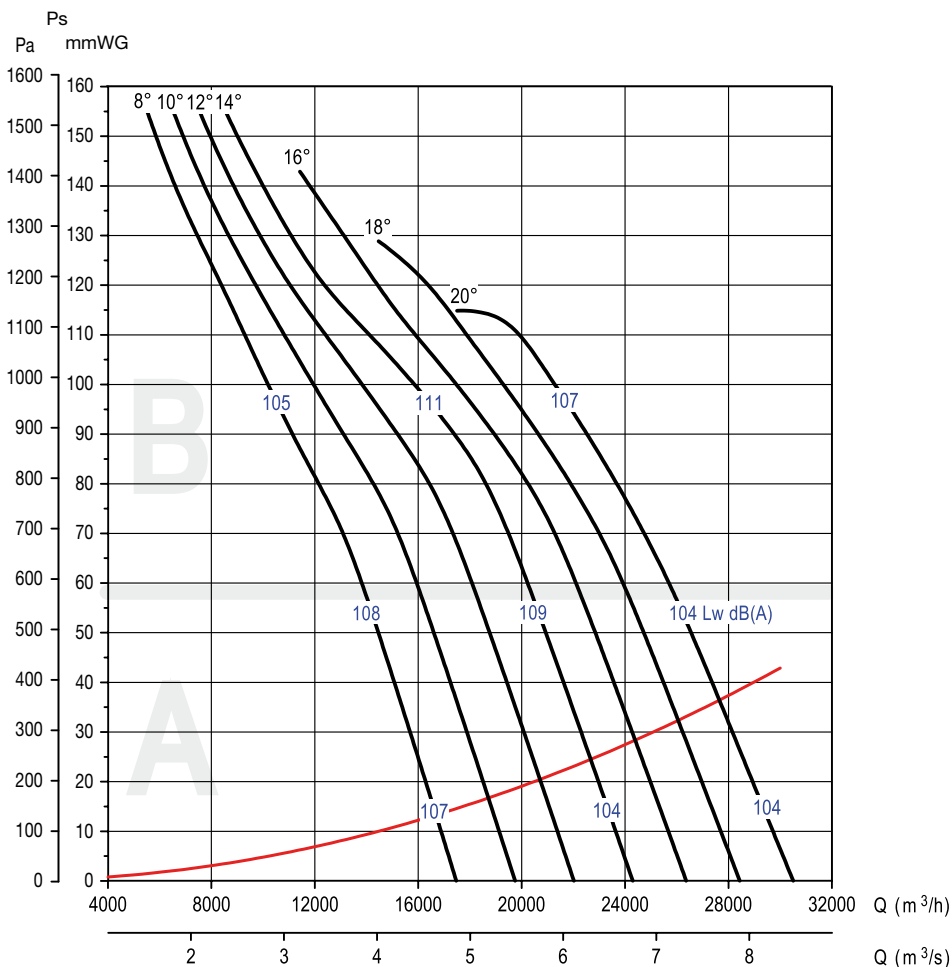
Number of poles	2
Nominal diameter (mm)	630
Number of blades	6

TGT/2-630-6/_°- kW
THGT/2-630-6/_°- kW

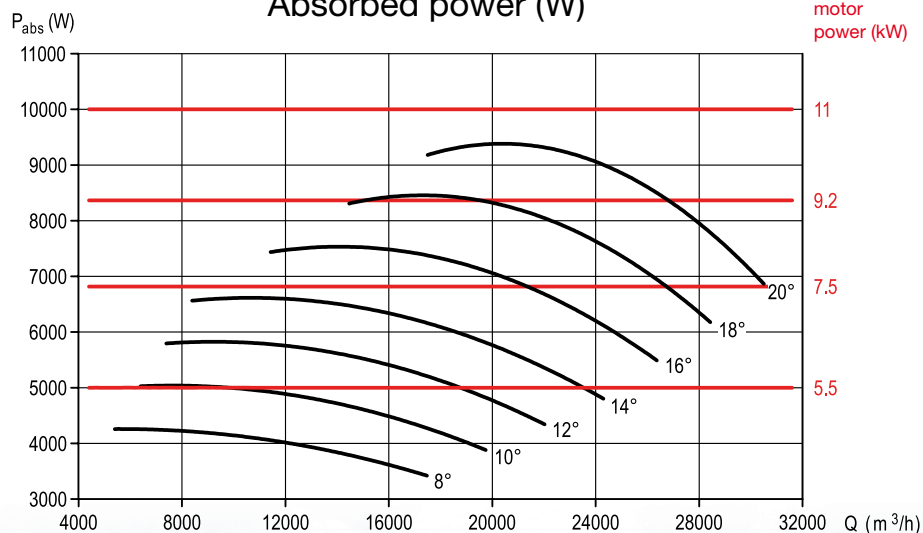
THGT series only F200 and F300

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)



THGT

Cylindrical cased axial flow fans



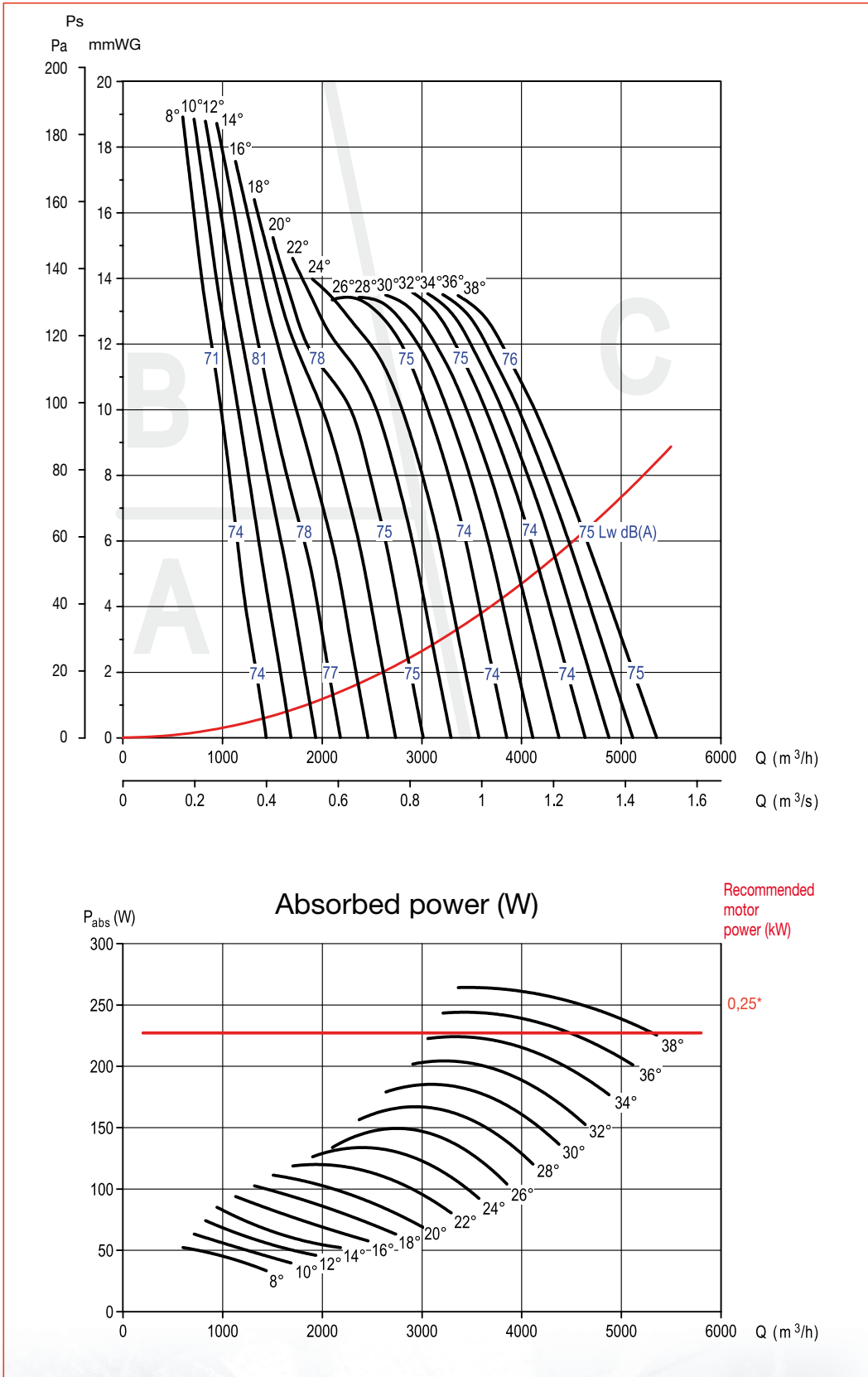
■ Performance curves - 4 pole motors - THGT / TGT

- 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)).

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

THGT/4-400-6/ °- _KW
TGT/4-400-6/ °- _KW



(*) Only TGT Series. For THGT motor 0,55





Performance curves - 4 pole motors - THGT / TGT

- 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)).

THGT

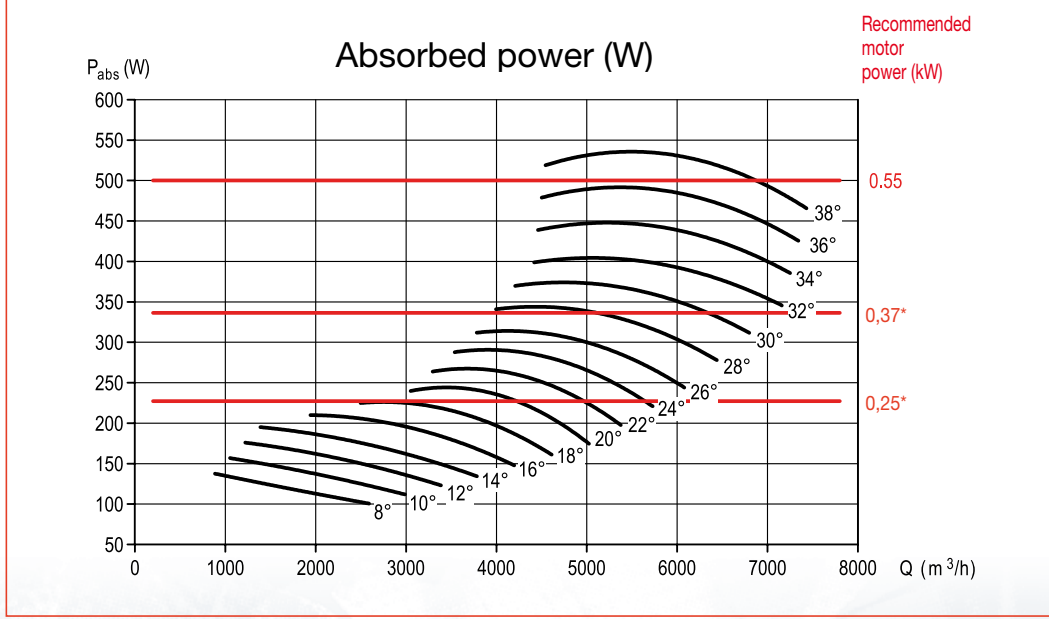
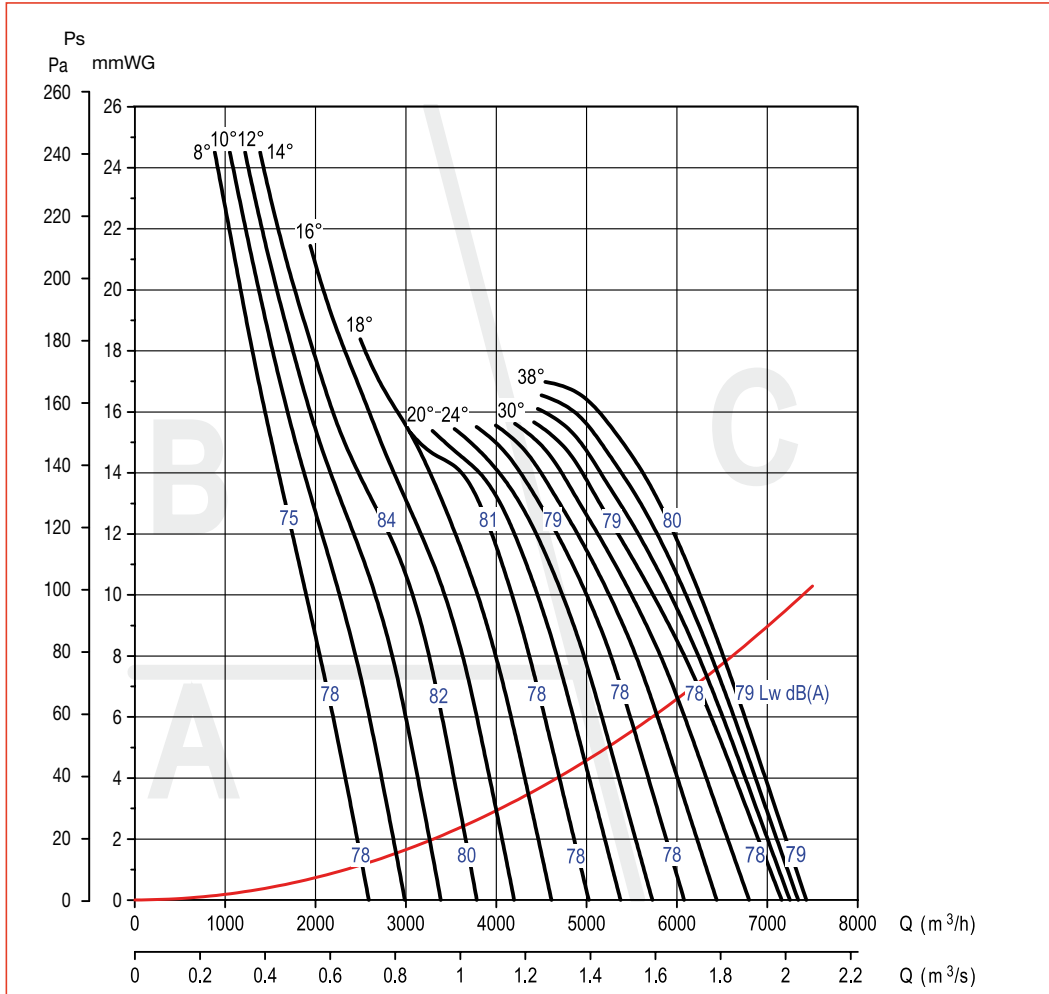
THGT / TGT	
Number of poles	4
Nominal diameter (mm)	450
Number of blades	6

THGT/4-450-6/ ° - kW
TGT/4-450-6/ ° - kW

Cylindrical cased axial flow fans

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.



(*) Only TGT series



■ Performance curves - 4 pole motors - THGT / TGT

- 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.

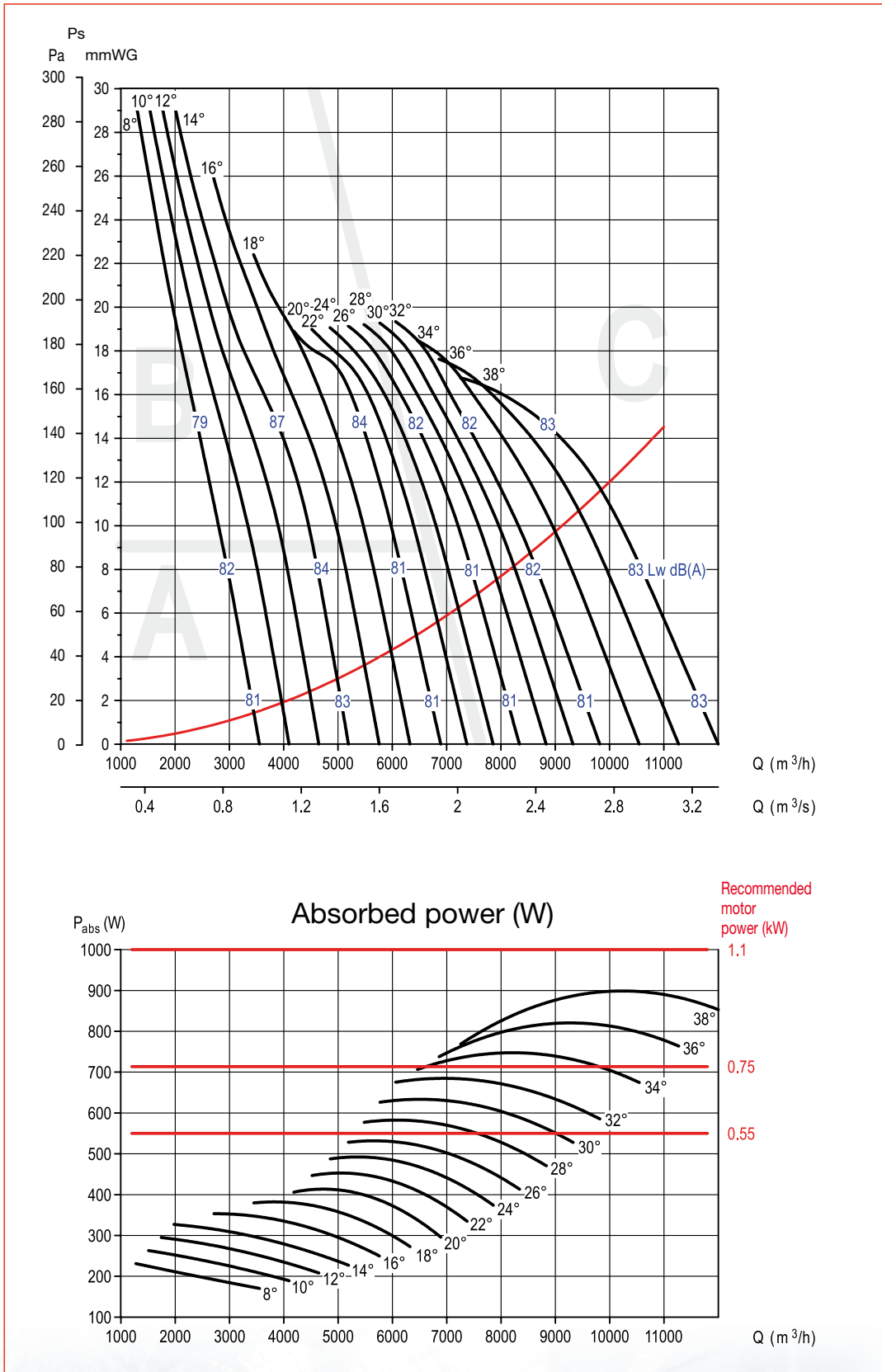
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

THGT/4-500-6/ _ ° - kW
TGT/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.





Performance curves - 4 pole motors - THGT / TGT

- 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)).

THGT

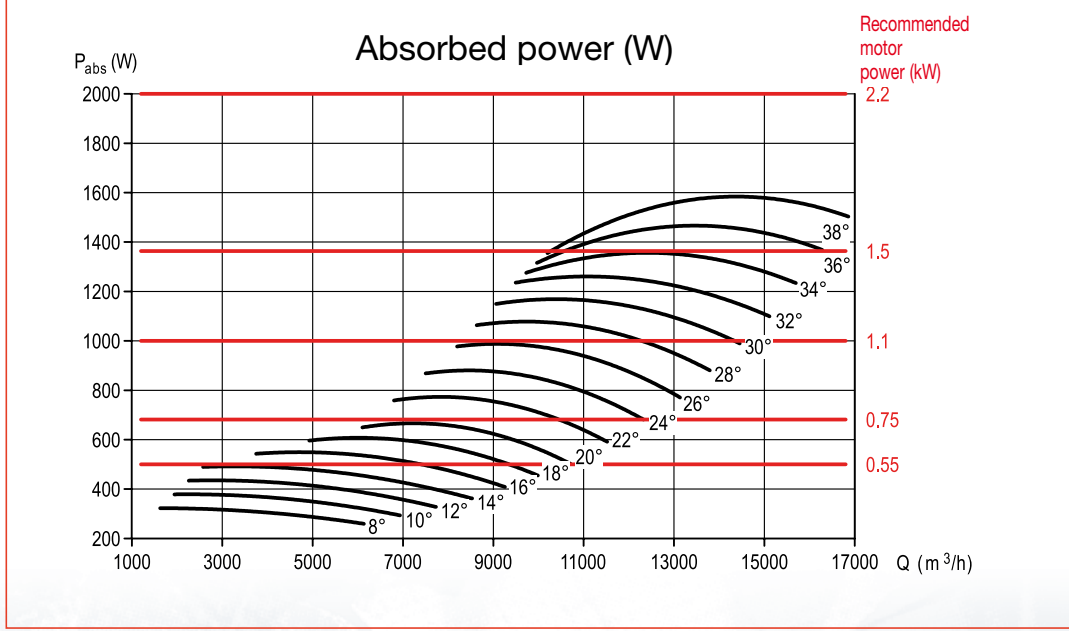
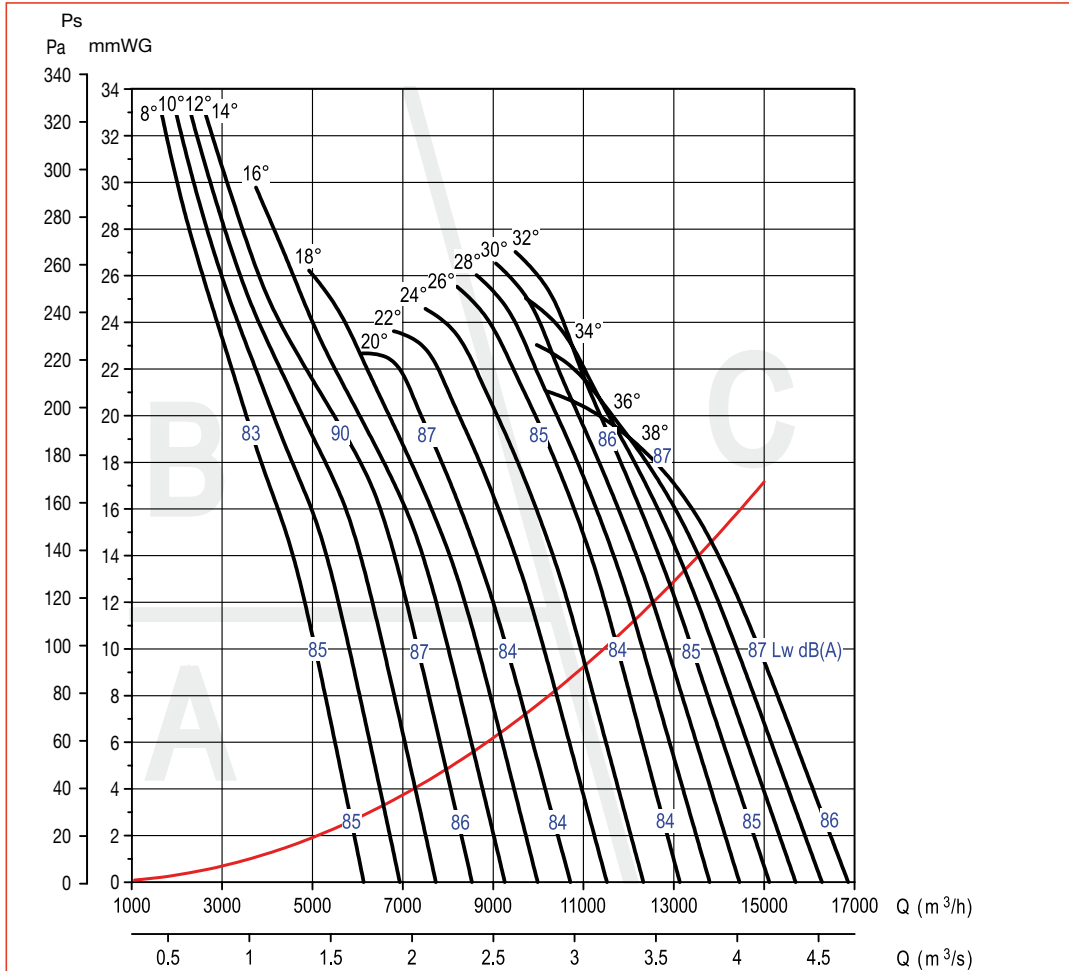
THGT / TGT	
Number of poles	4
Nominal diameter (mm)	560
Number of blades	6

THGT/4-560-6/ ° - kW
TGT/4-560-6/ ° - kW

Cylindrical cased axial flow fans

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 - THGT / TGT Performance curves - 4 pole motors - THGT / TGT

- 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.

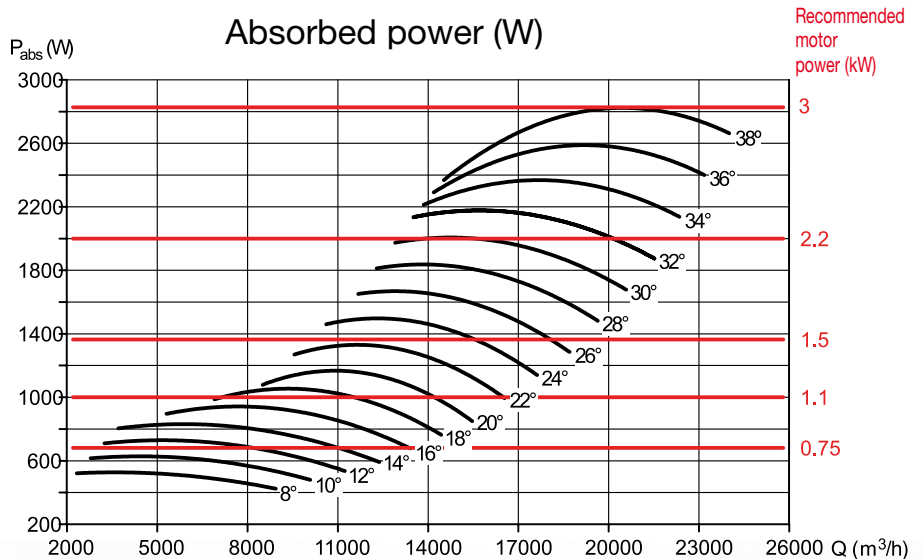
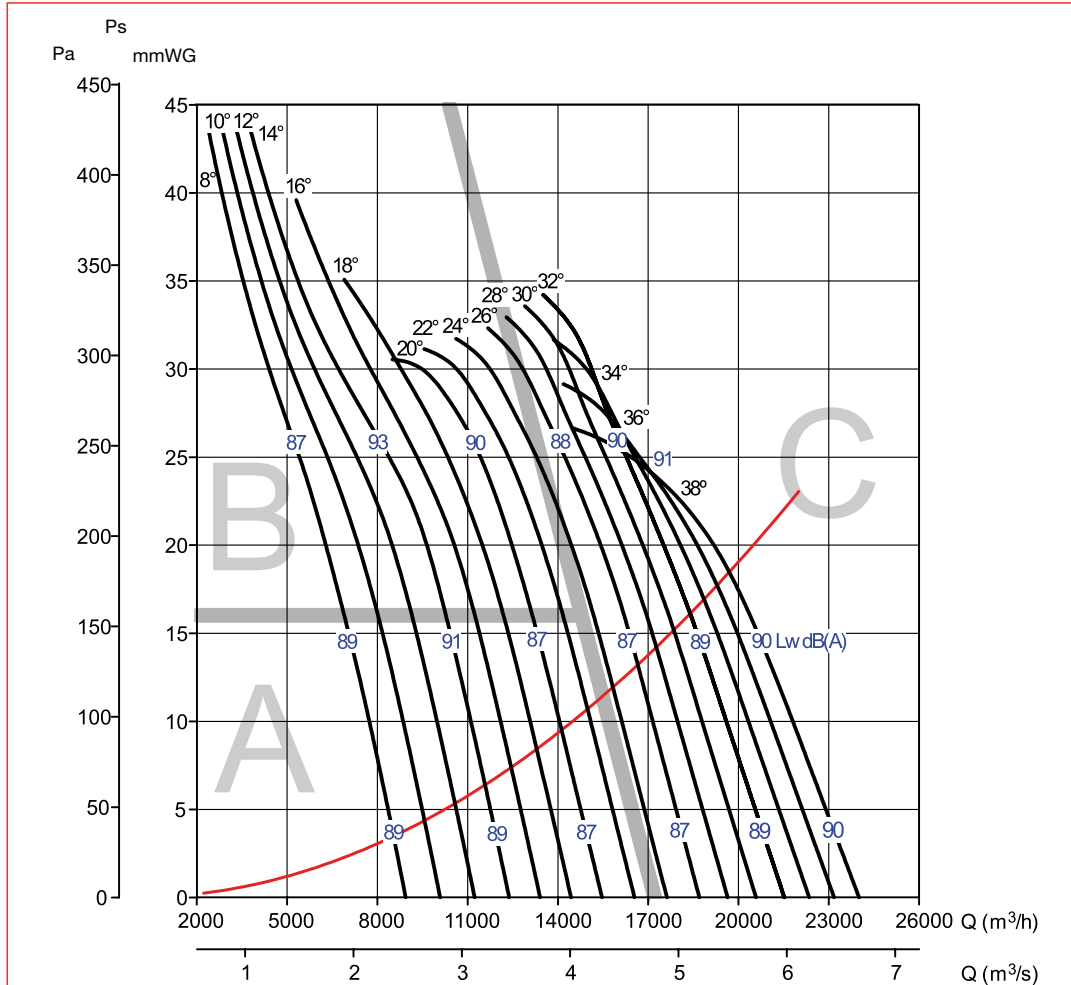
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

THGT/4-630-6/ _ ° _ kW
TGT/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.



THGT

Cylindrical cased axial flow fans



Performance curves - 4 pole motors - THGT F200 - F300 / TGT

- 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

Only TGT, THGT F200 and F300

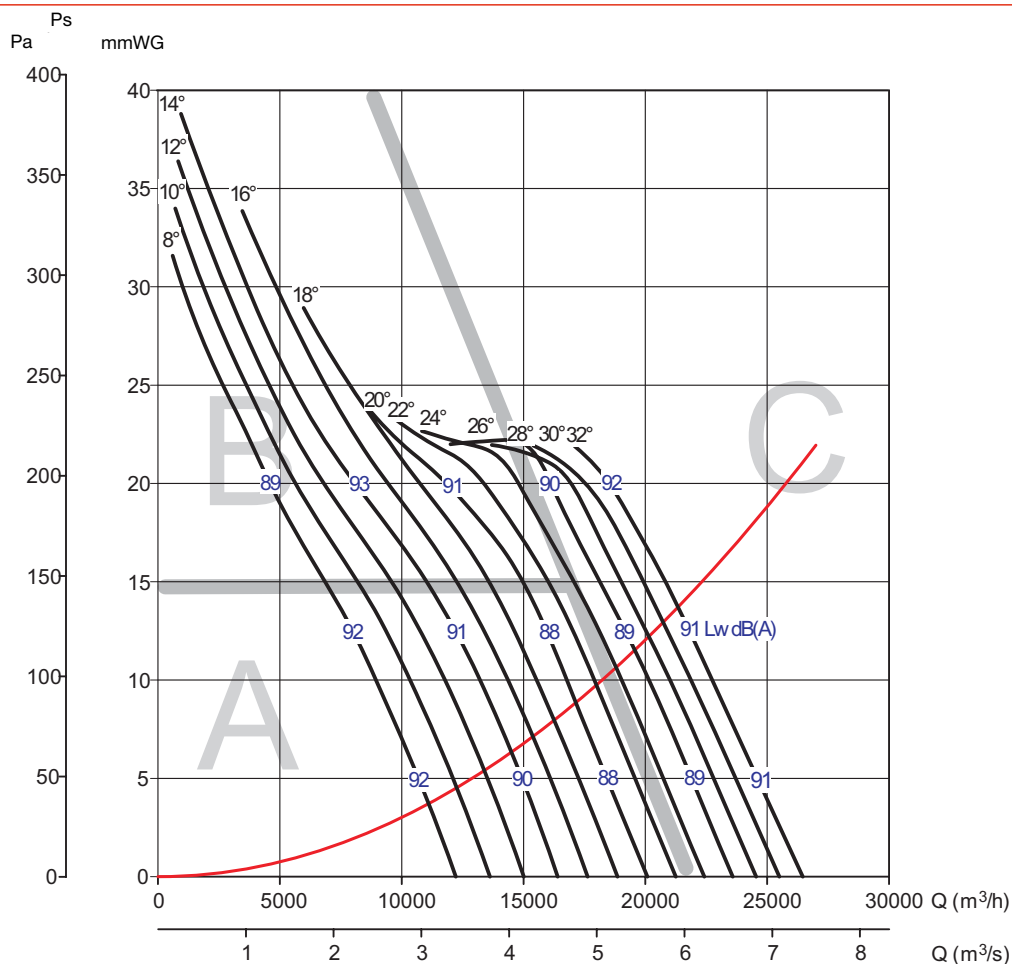
THGT F200-F300 / TGT

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

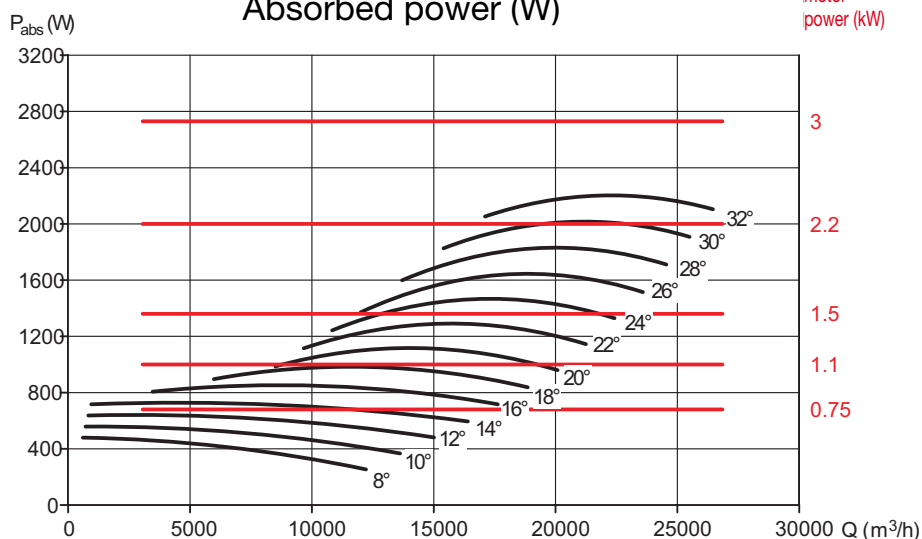
THGT/4-710-3/_°_ kW
TGT/4-710-3/_°_ kW

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.



Absorbed power (W)



Recommended motor power (kW)





Performance curves - 4 pole motors - THGT

- 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.

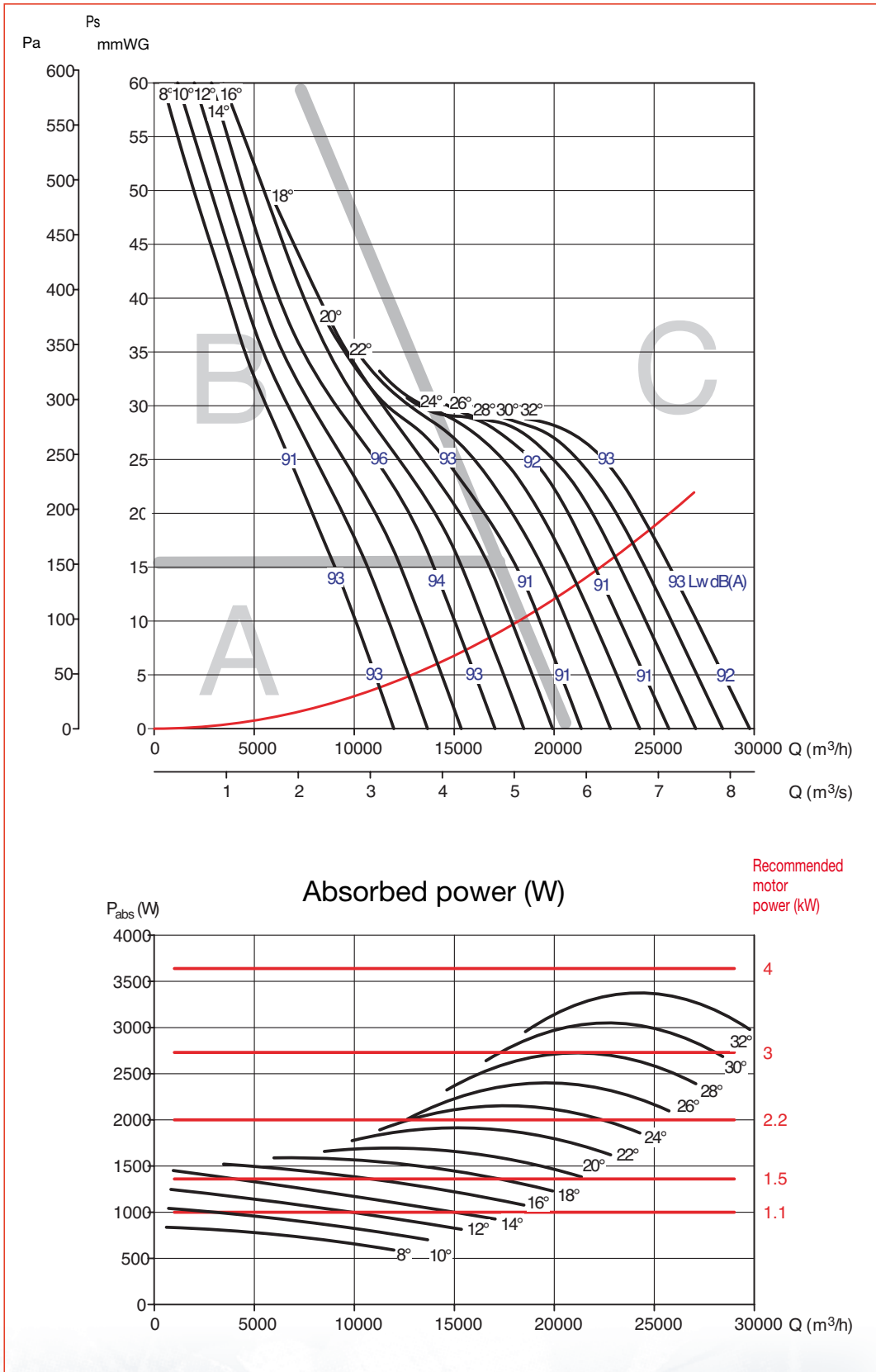
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	5

THGT/4-710-5/_°_ 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.



THGT

Cylindrical cased axial flow fans



Performance curves - 4 pole motors - THGT F200 - F300 / TGT

- 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

Only TGT, THGT F200 and F300

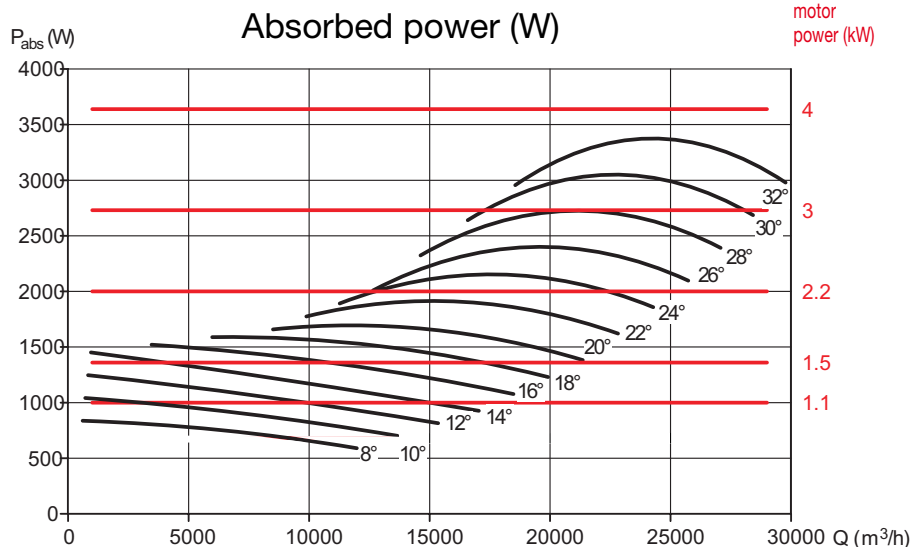
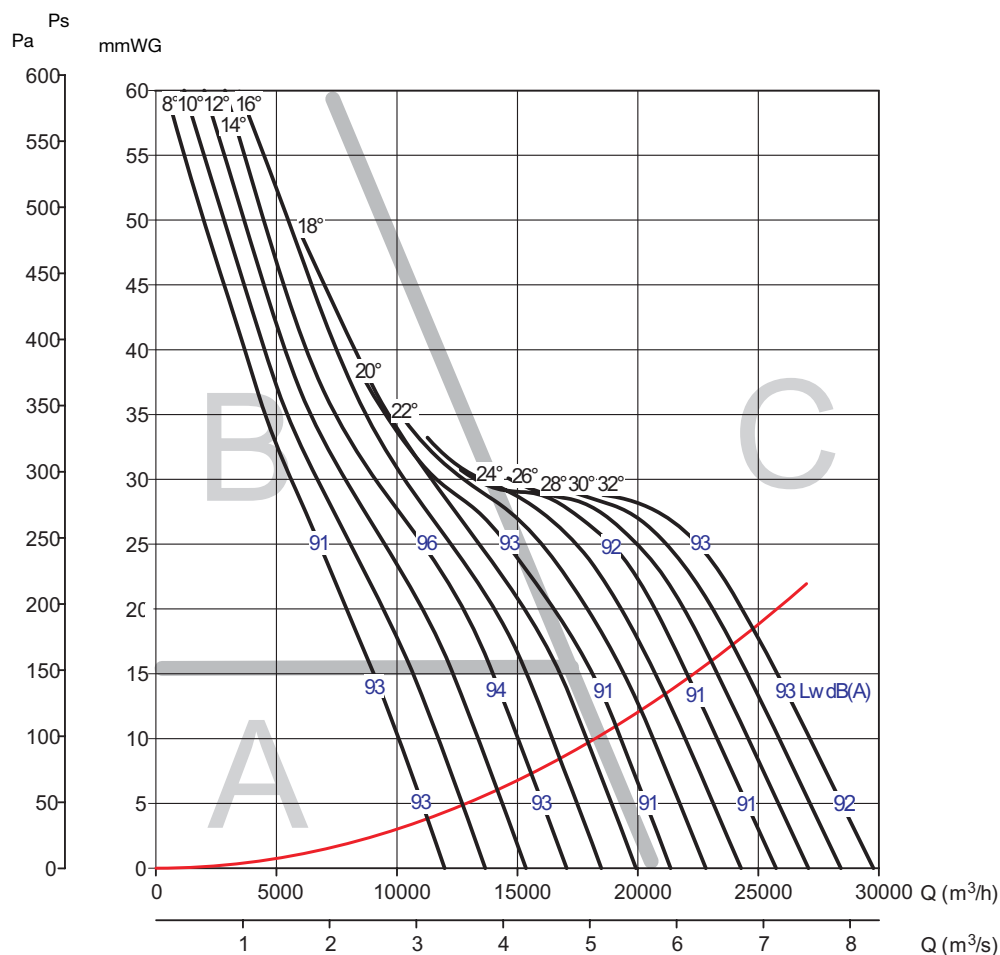
THGT F200-F300 / TGT

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 - THGT 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 LEVELS CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

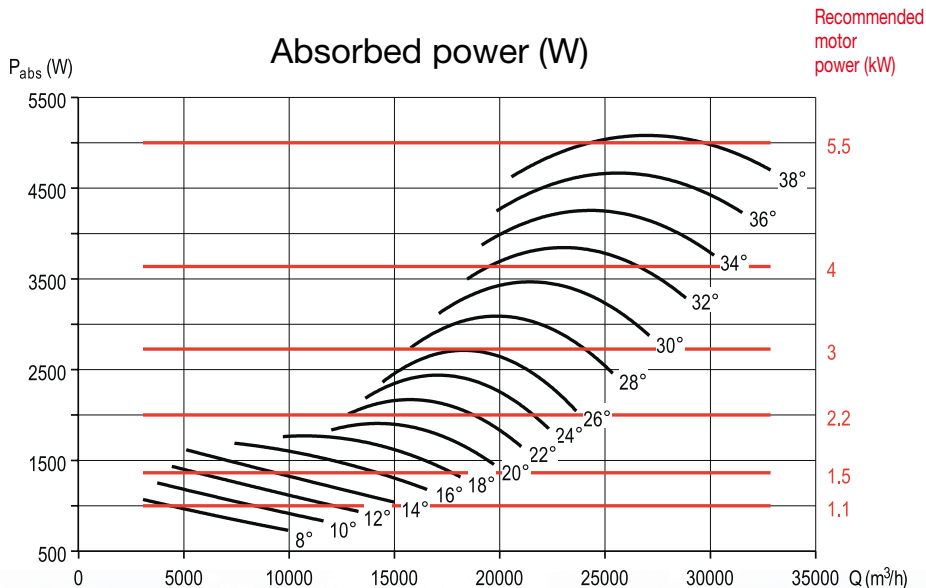
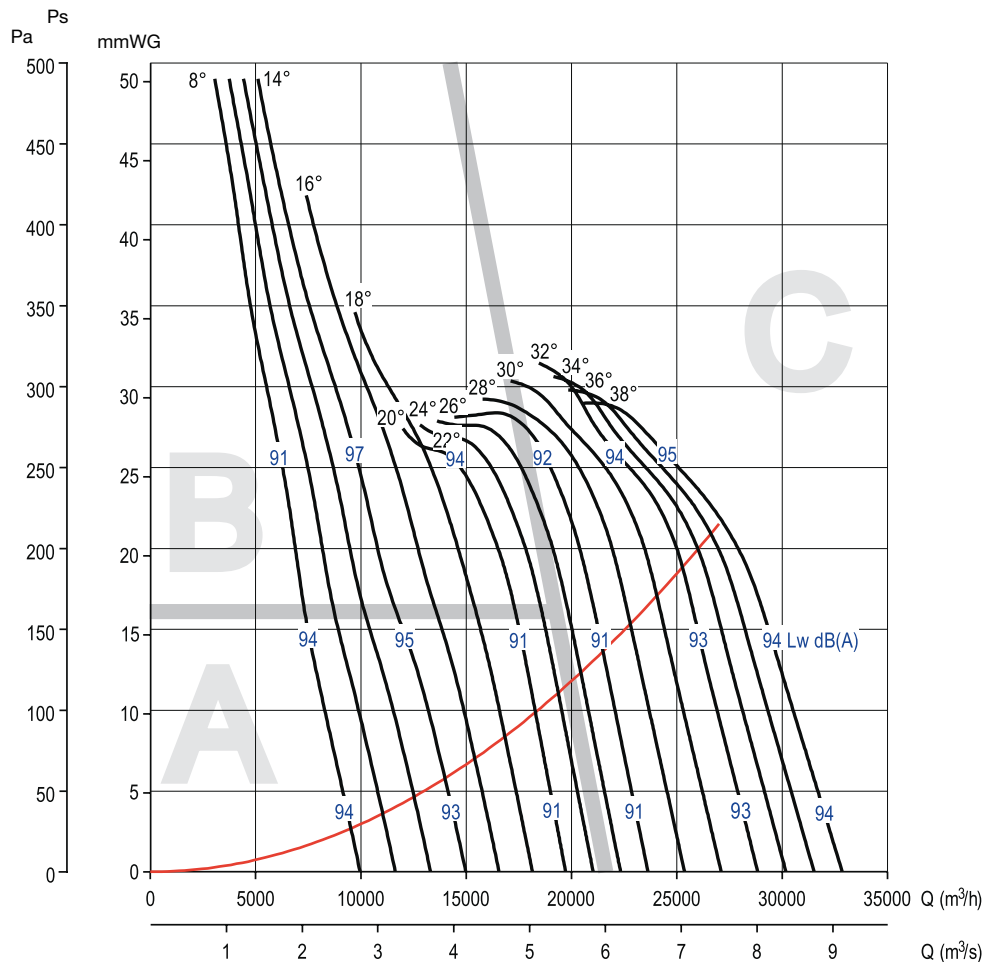
THGT F400	
Number of poles	4
Nominal diameter (mm)	710
Number of blades	7

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

THGT series only F400

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.



THGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - THGT / TGT

- 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)).

THGT

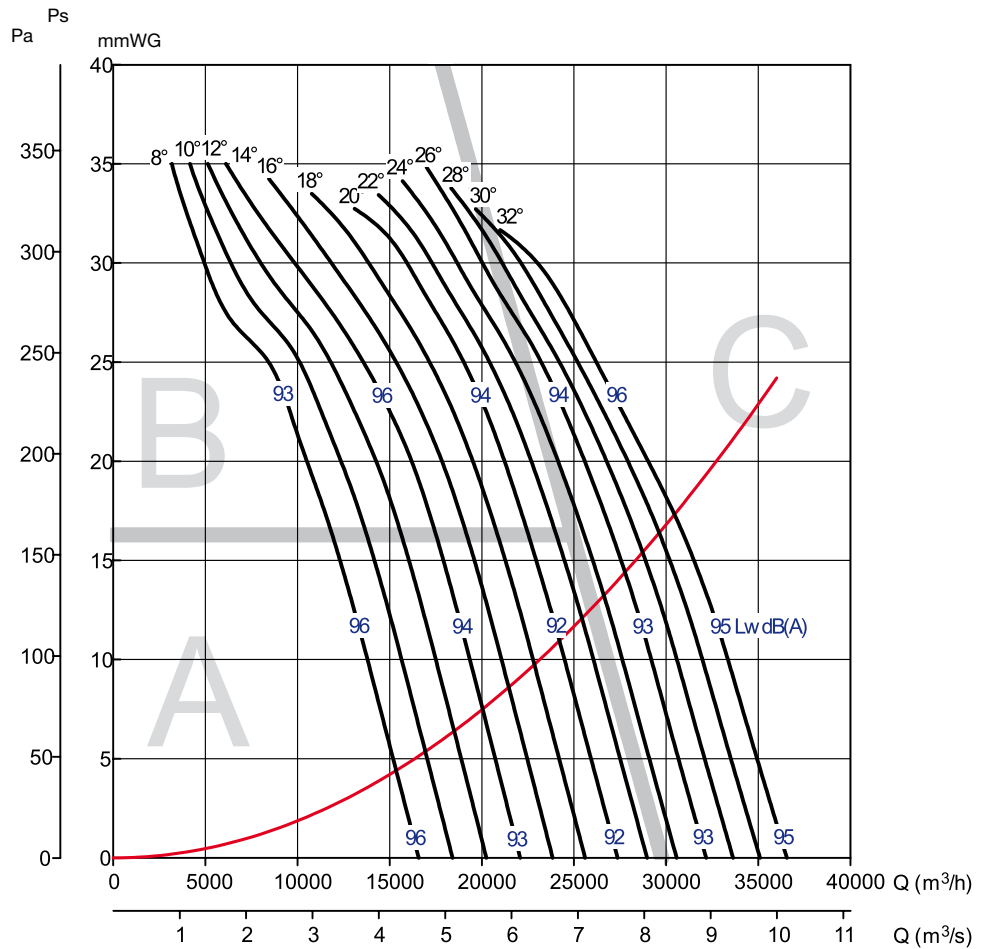
THGT / TGT	
Number of poles	4
Nominal diameter (mm)	800
Number of blades	3

THGT/4-800-3/ ° - kW
TGT/4-800-3/ ° - kW

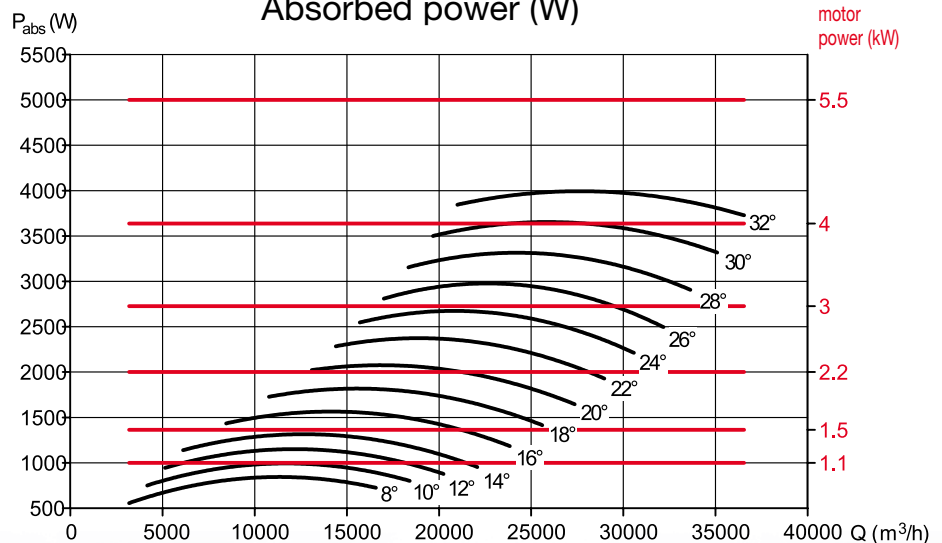
Cylindrical cased axial flow fans

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.



Absorbed power (W)



Performance curves - 4 pole motors - THGT / TGT

- 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.

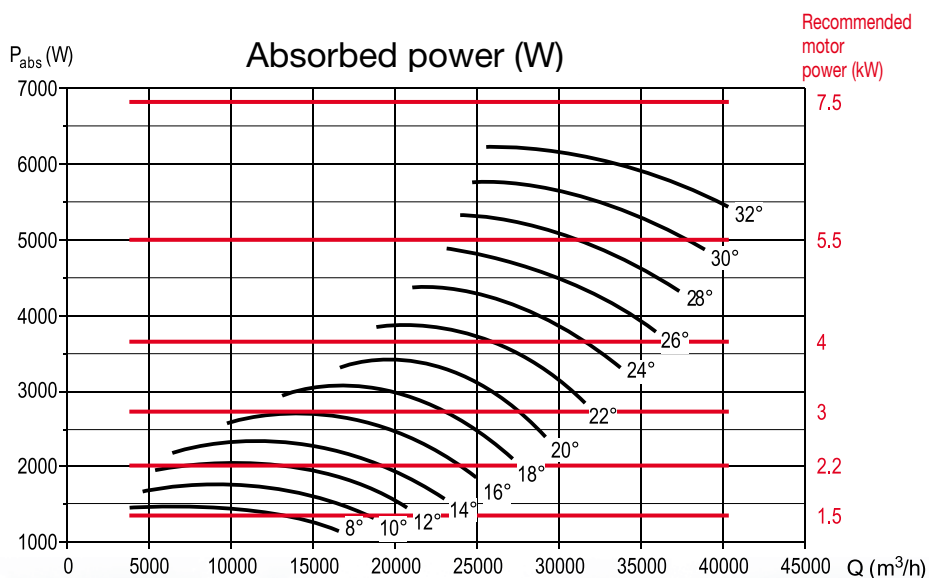
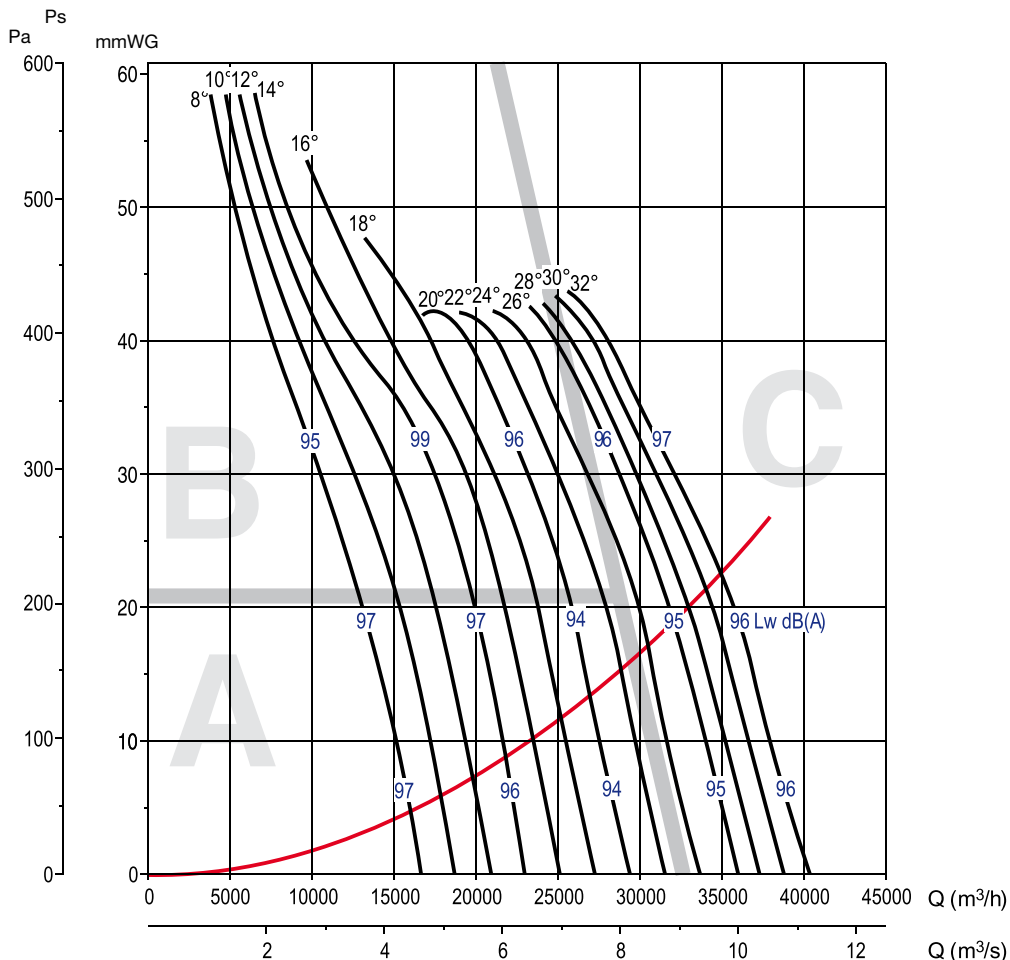
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	4
Nominal diameter (mm)	800
Number of blades	6

THGT/4-800-6/ °- kW
TGT/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.





Performance curves - 4 pole motors - THGT / TGT

- 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)).

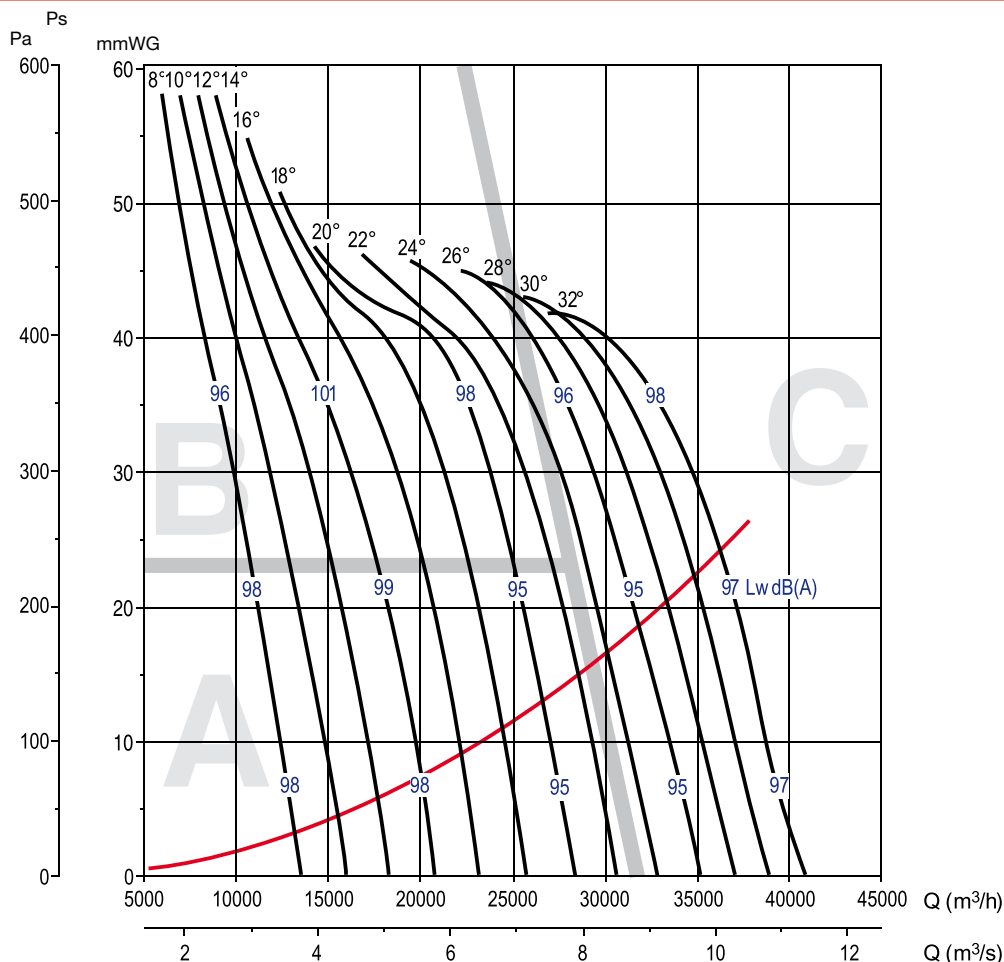
THGT / TGT

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

THGT/4-800-9/ _ ° _ kW
TGT/4-800-9/ _ ° _ kW

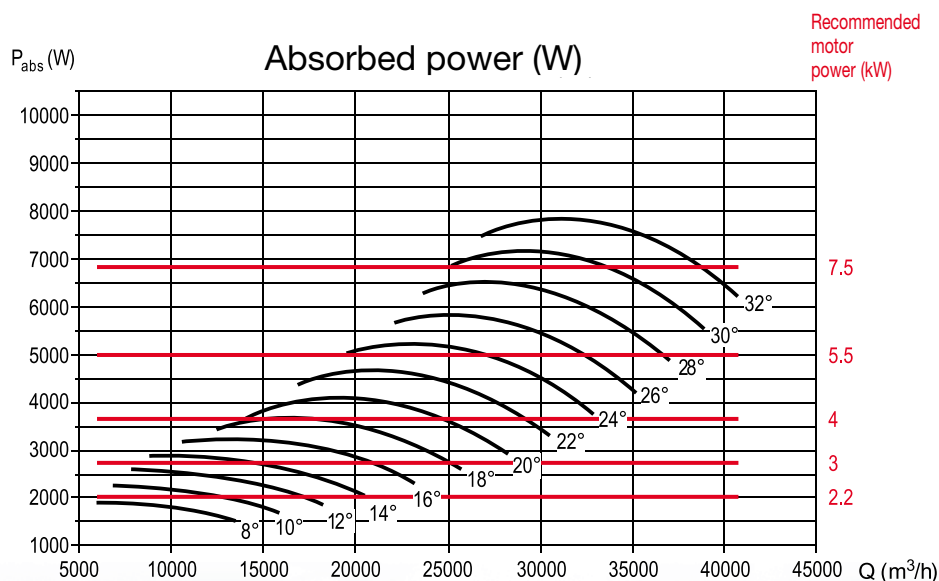
Hz	A	B	C
63	40	38	32
125	26	19	19
250	14	9	11
500	6	5	7
1000	4	5	5
2000	7	7	6
4000	12	13	10
8000	20	21	17

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



THGT

Cylindrical cased axial flow fans



Recommended motor power (kW)



Performance curves - 4 pole motors - THGT / TGT

- 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.

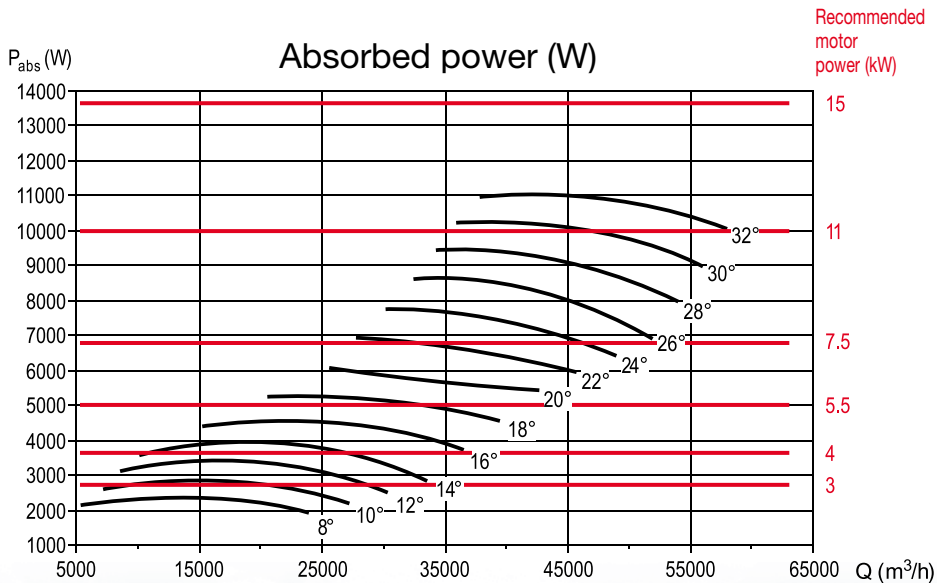
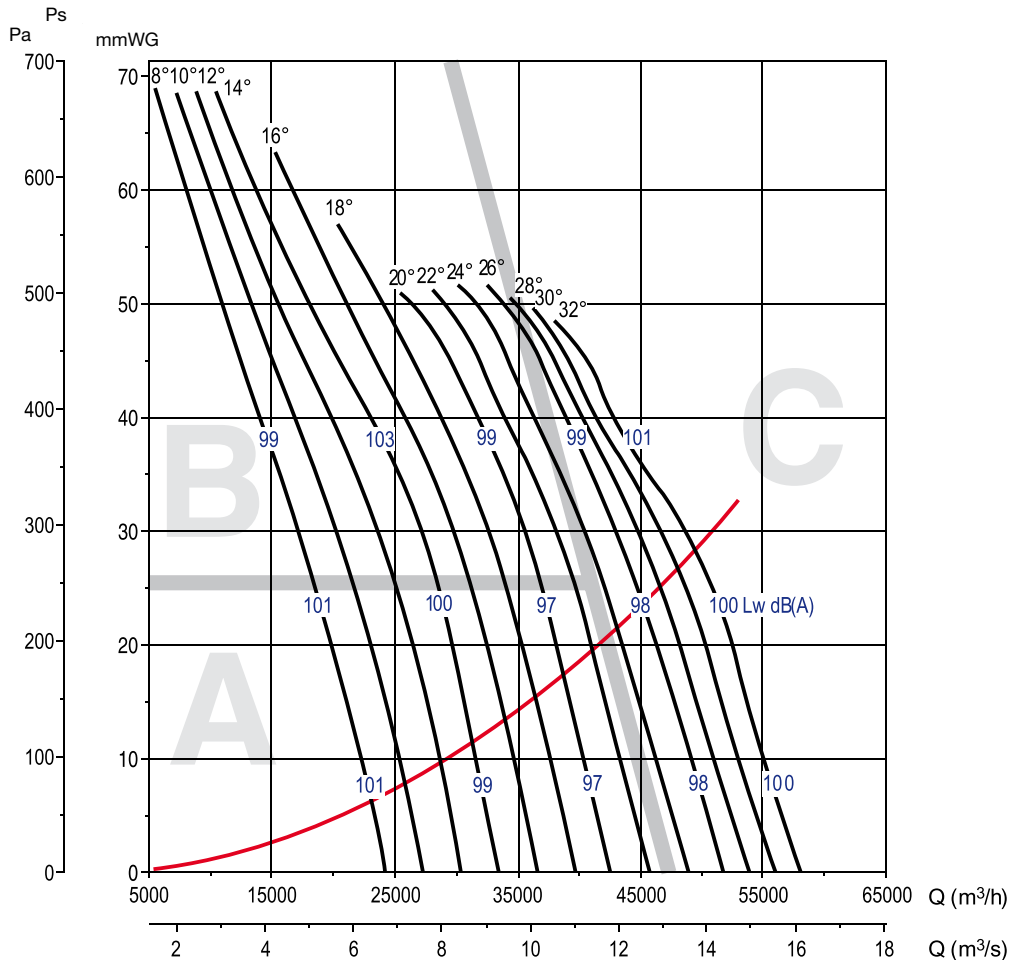
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	4
Nominal diameter (mm)	900
Number of blades	6

THGT/4-900-6/_°_ kW
TGT/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 - THGT / TGT

- 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)).

THGT

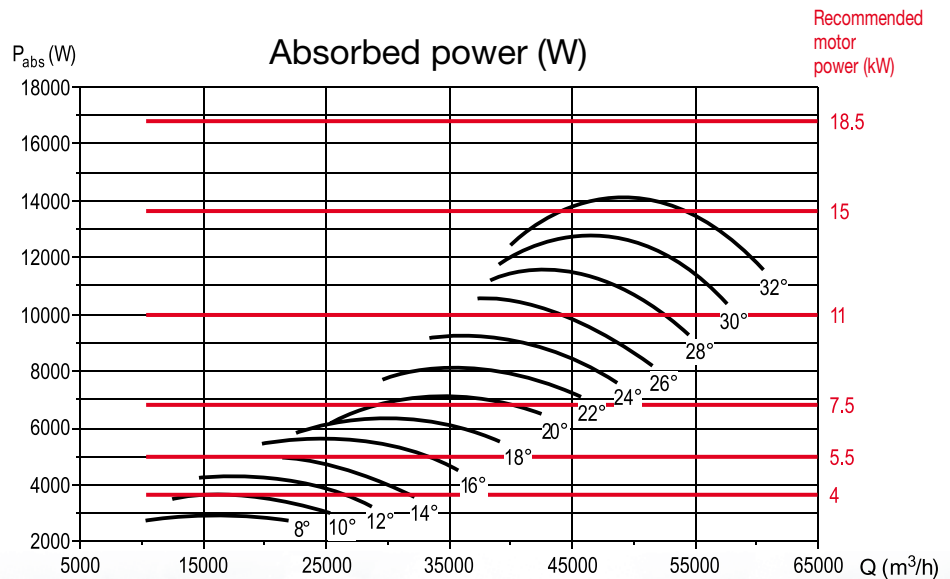
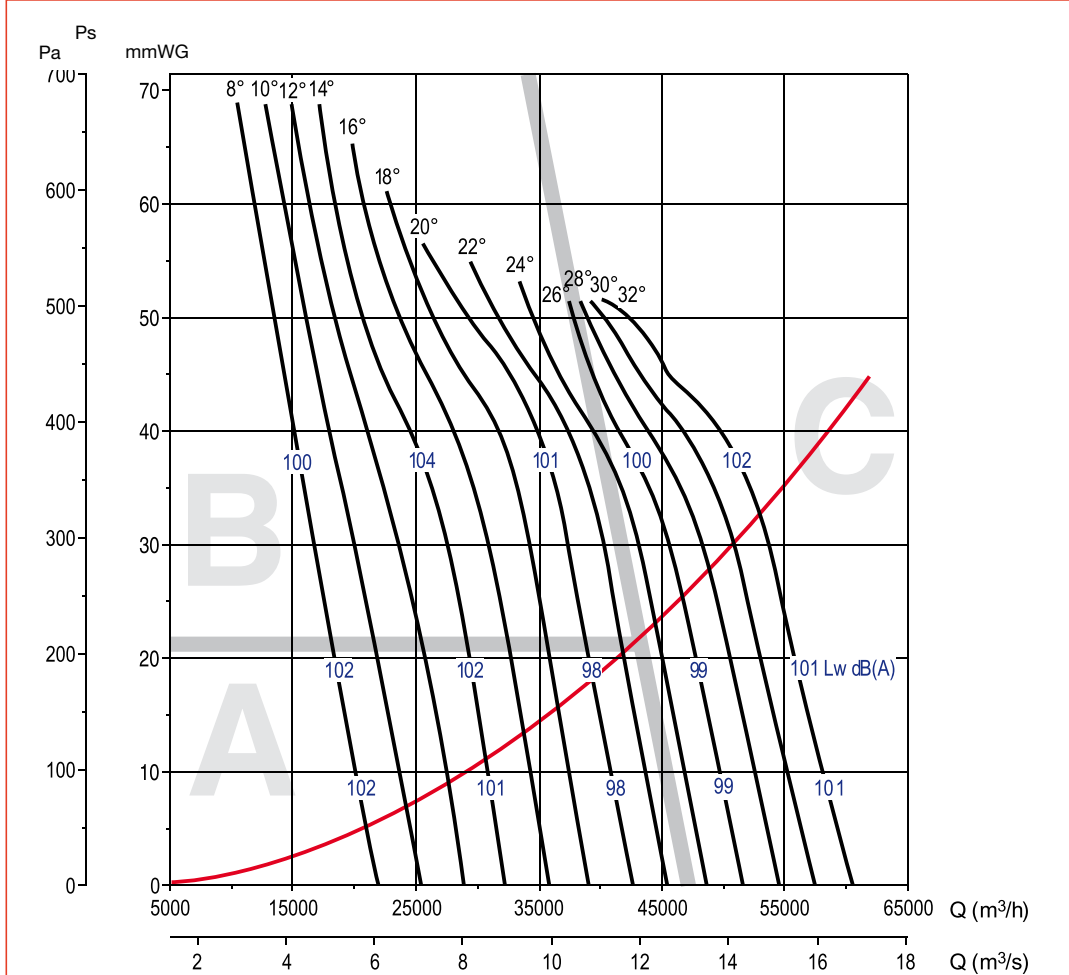
THGT / TGT	
Number of poles	4
Nominal diameter (mm)	900
Number of blades	9

THGT/4-900-9/ ° - kW
TGT/4-900-9/ ° - kW

Cylindrical cased axial flow fans

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 - THGT / TGT

- 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.

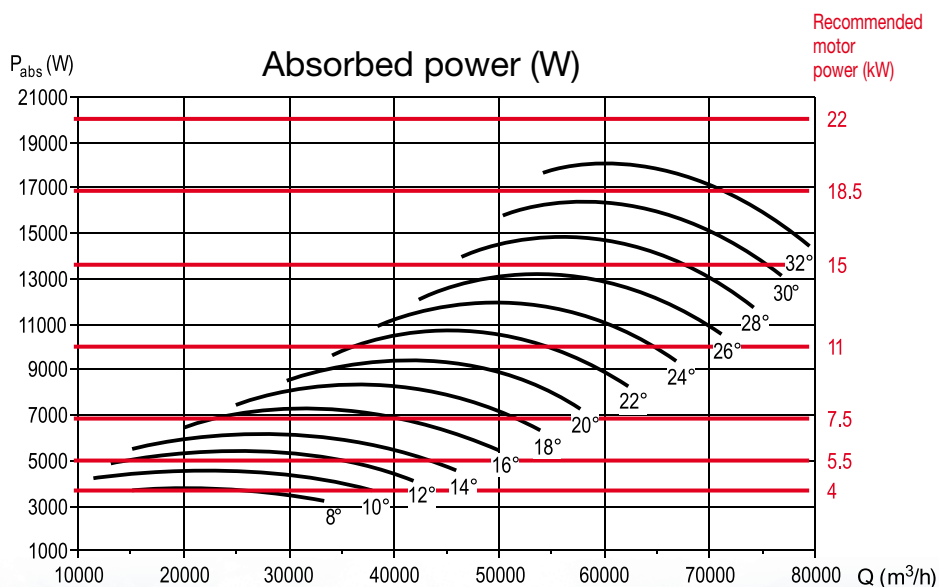
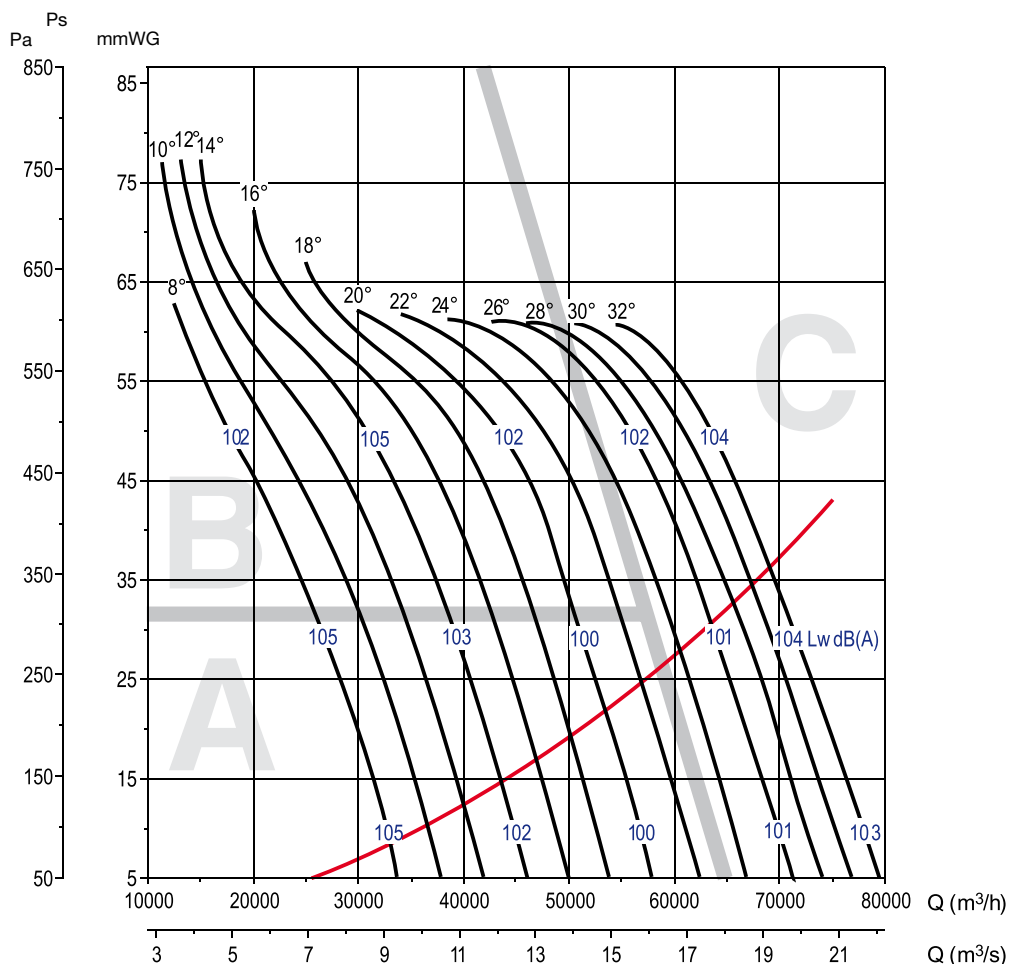
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

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

THGT/4-1000-6/ _ ° - kW
TGT/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.



THGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - THGT / TGT

- 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)).

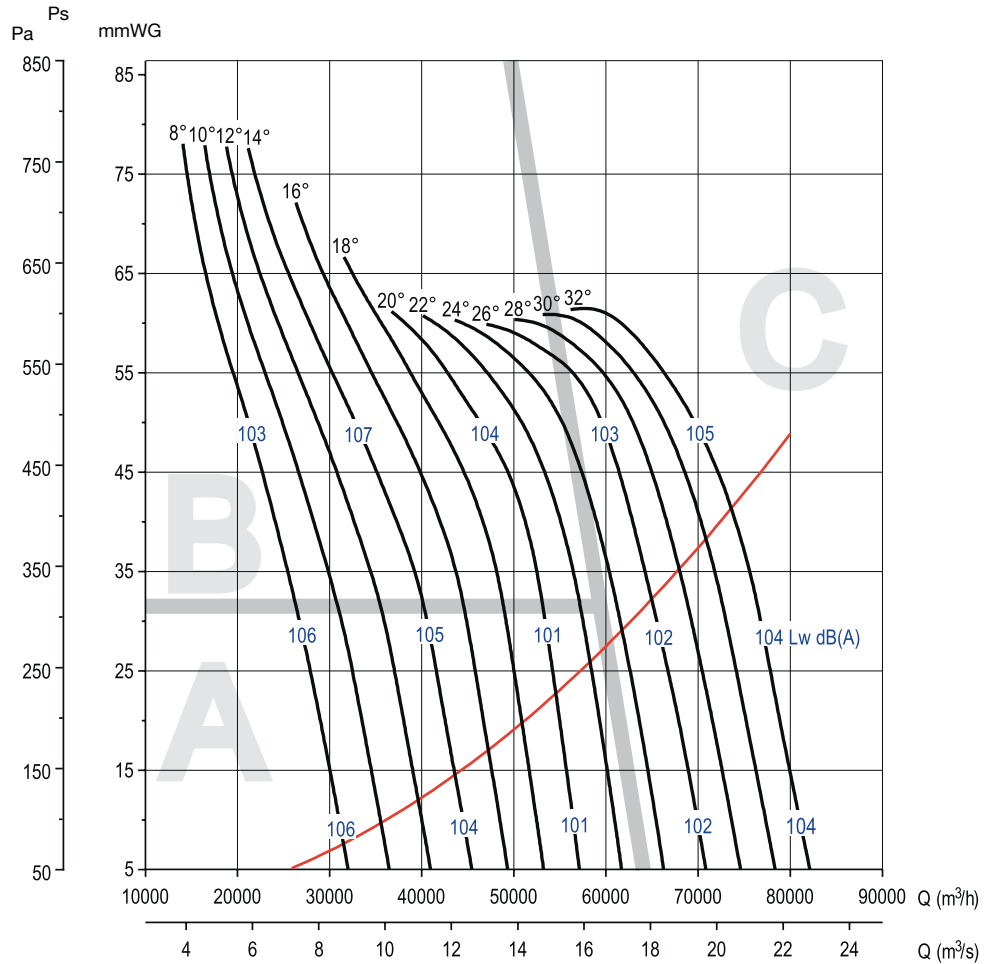
THGT / TGT

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

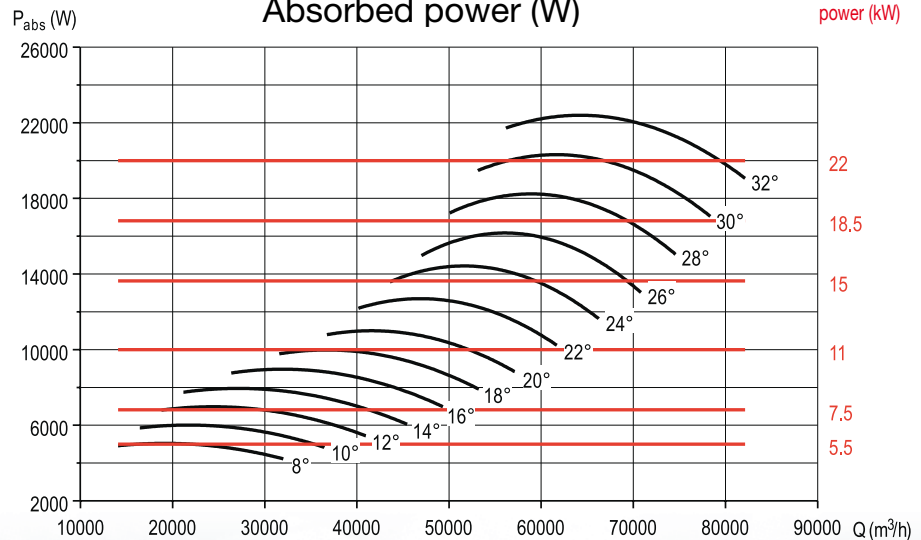
THGT/4-1000-9/ _ ° _ kW
TGT/4-1000-9/ _ ° _ kW

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.



Absorbed power (W)



Recommended motor power (kW)

THGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - THGT / TGT

- 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.

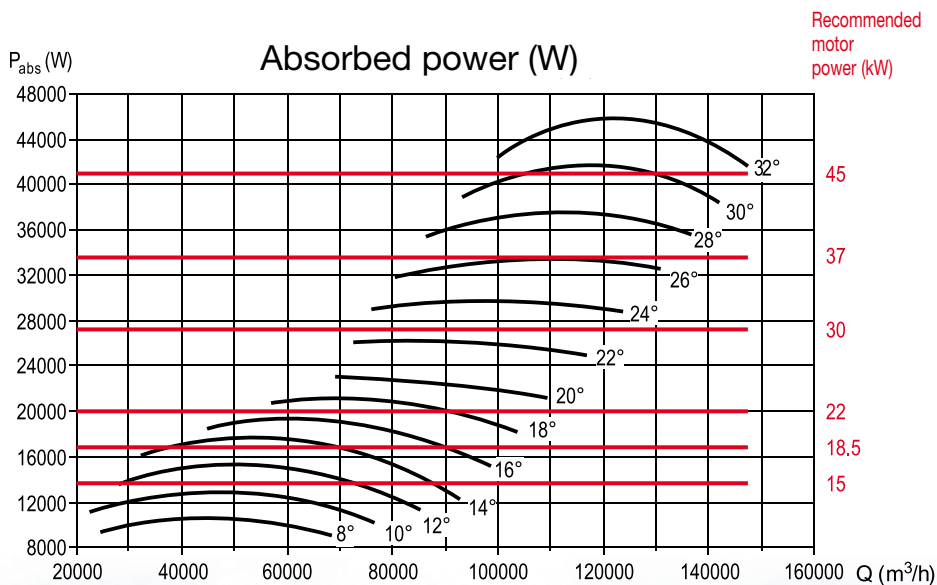
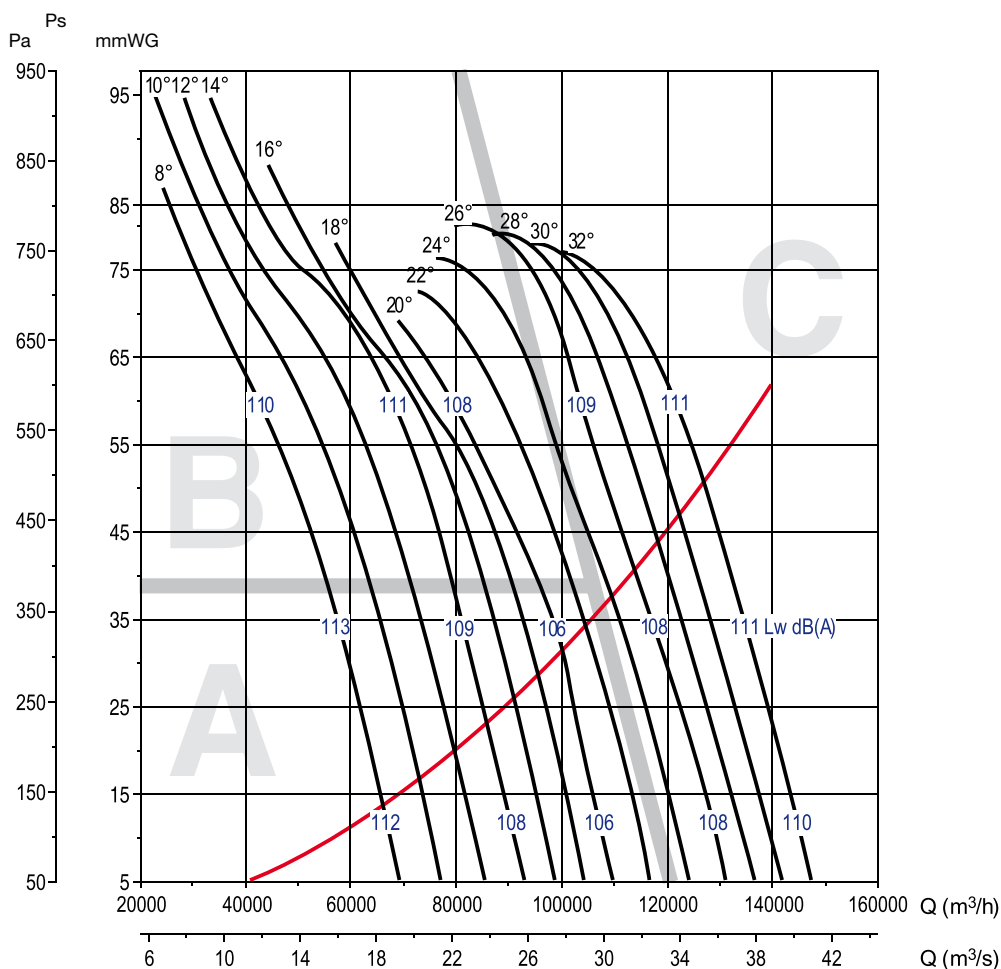
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	4
Nominal diameter (mm)	1250
Number of blades	6

THGT/4-1250-6/ _ ° - kW
TGT/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.



THGT

Cylindrical cased axial flow fans





Performance curves - 4 pole motors - THGT / TGT

- 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)).

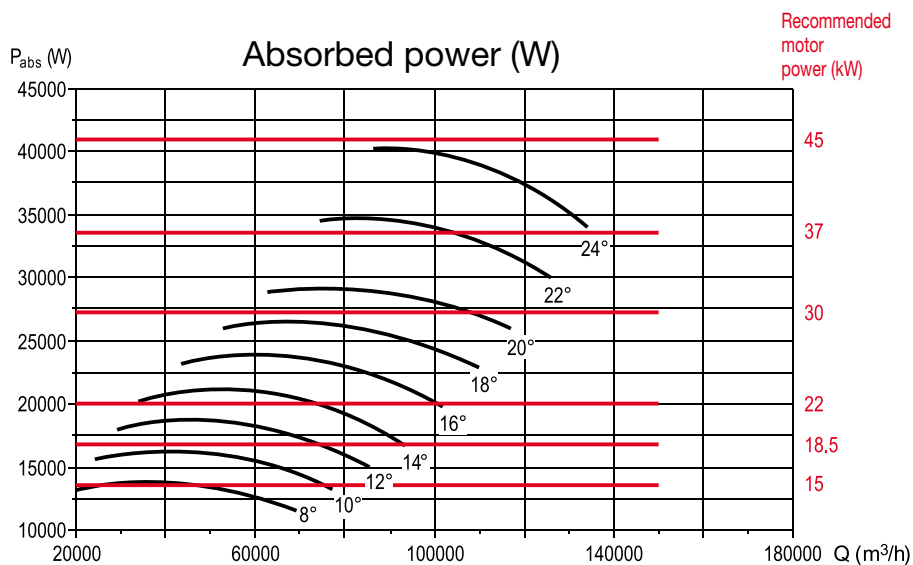
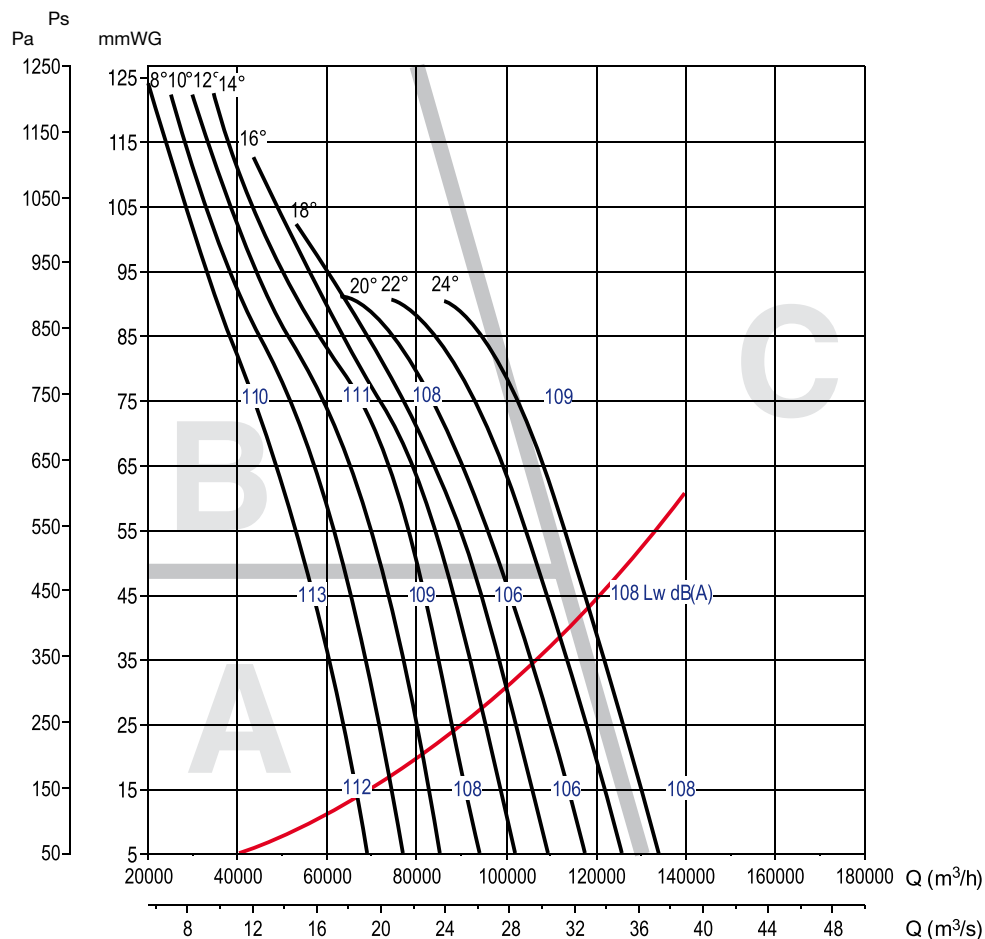
THGT / TGT

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

THGT/4-1250-9/ _ ° - kW
TGT/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.



THGT

Cylindrical cased axial flow fans



■ Performance curves - 6 pole motors - THGT / TGT

- 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.

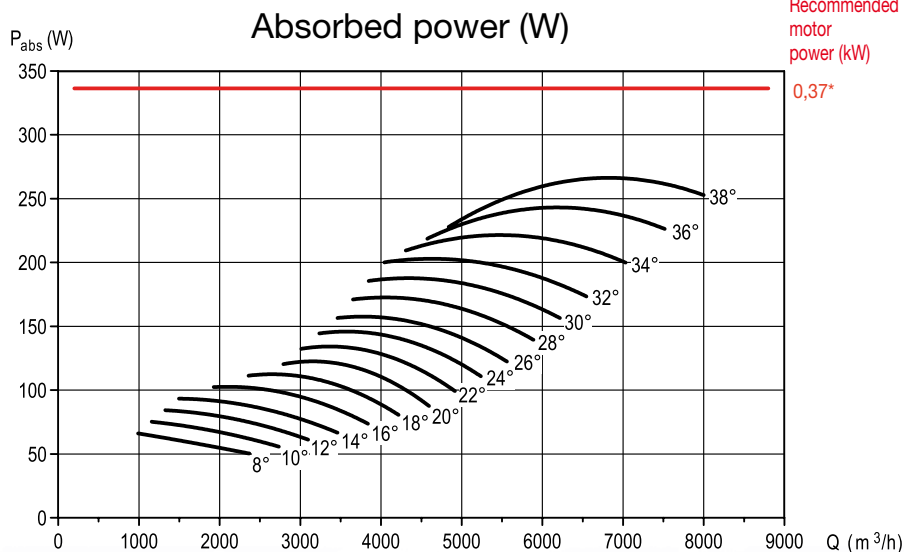
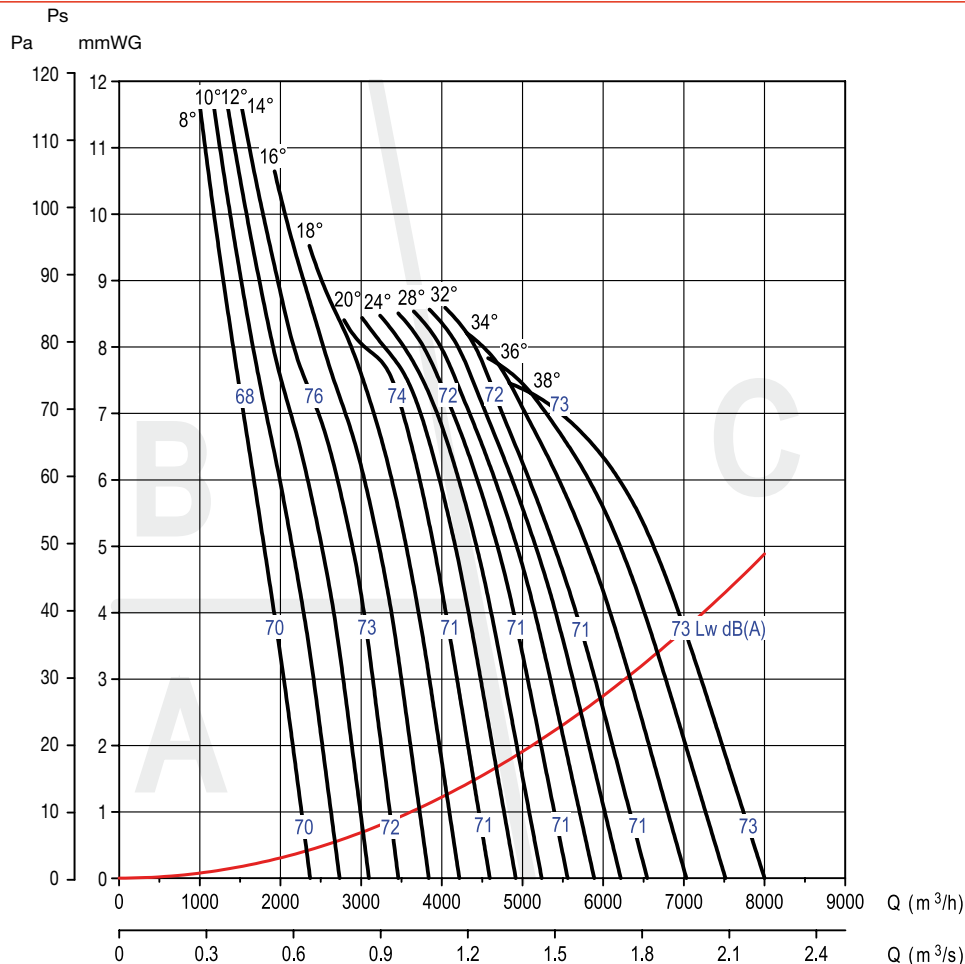
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	500
Number of blades	6

THGT/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.



(*) Only TGT Series. For THGT motor 0,55.



Performance curves - 6 pole motors - THGT / TGT

- 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)).

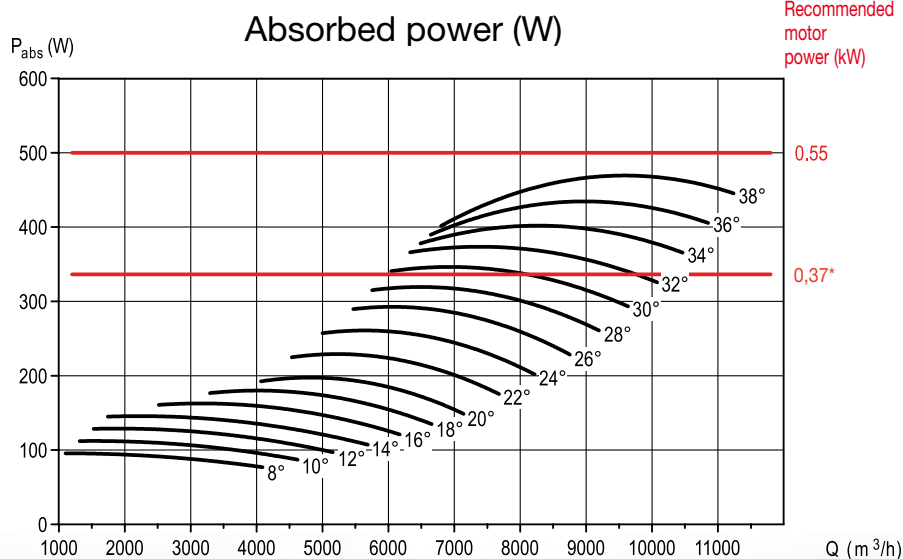
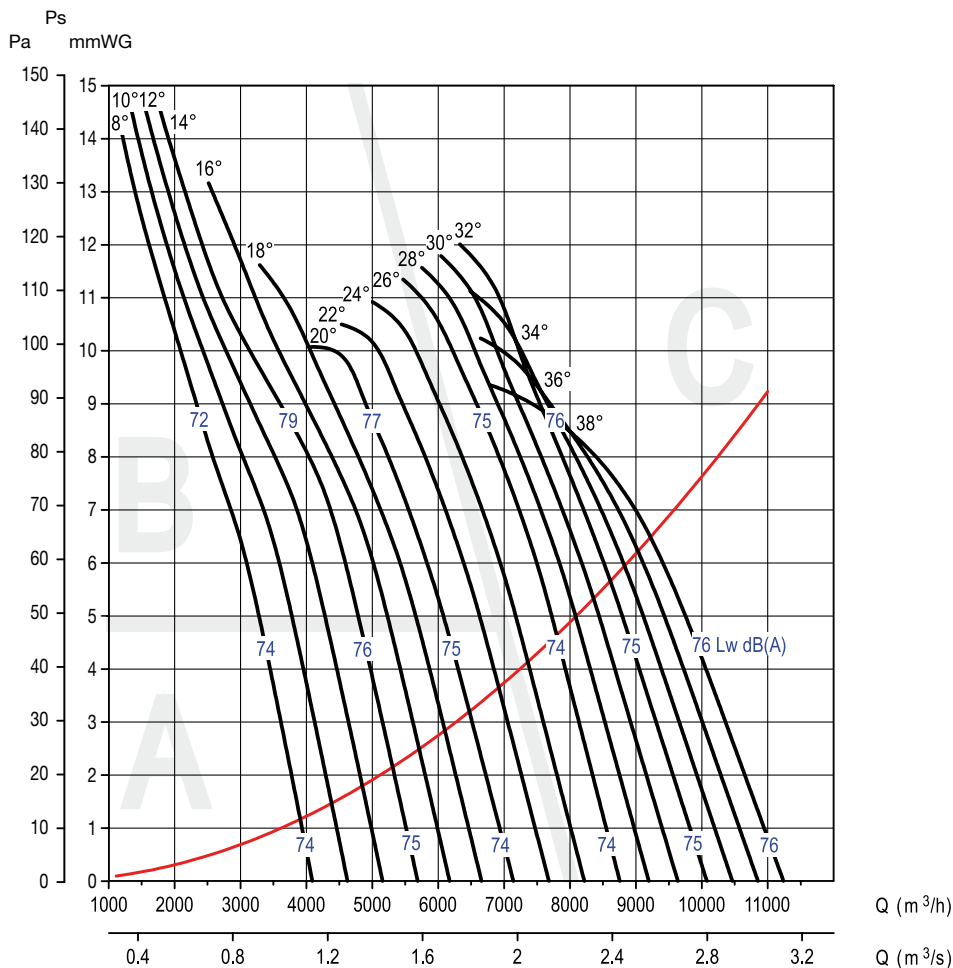
THGT / TGT

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

THGT/6-560-6/ _ ° - kW
TGT/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.



(*) Only for TGT series.

THGT

Cylindrical cased axial flow fans

Performance curves - 6 pole motors - THGT / TGT

- 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.

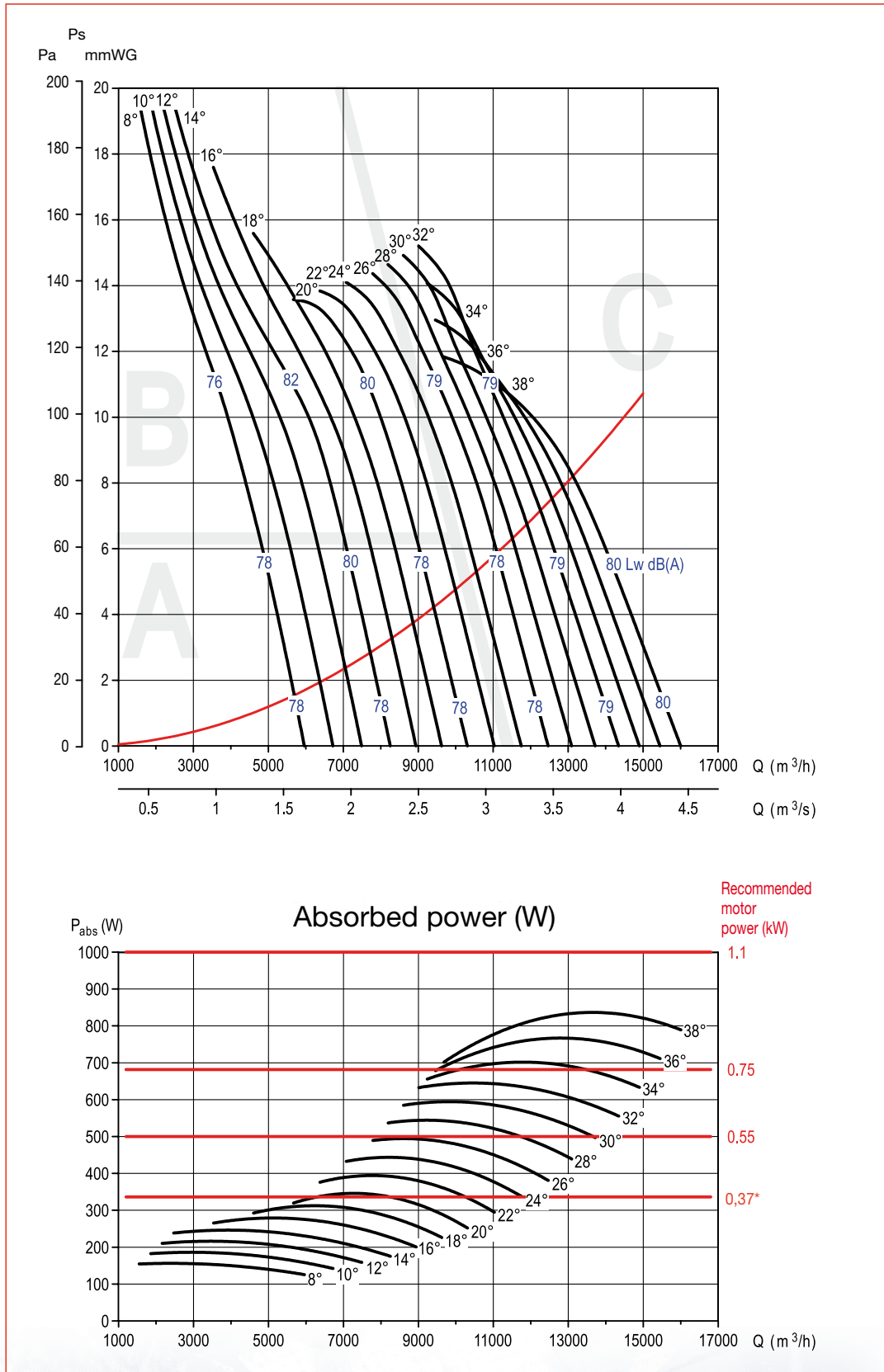
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	630
Number of blades	6

THGT/6-630-6/ _ °_ kW
TGT/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.



(*) Only TGT Series.





Performance curves - 6 pole motors - THGT F200-F300 / TGT

- 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)).

THGT

THGT F200-F300 / TGT	
Number of poles	6
Nominal diameter (mm)	710
Number of blades	3

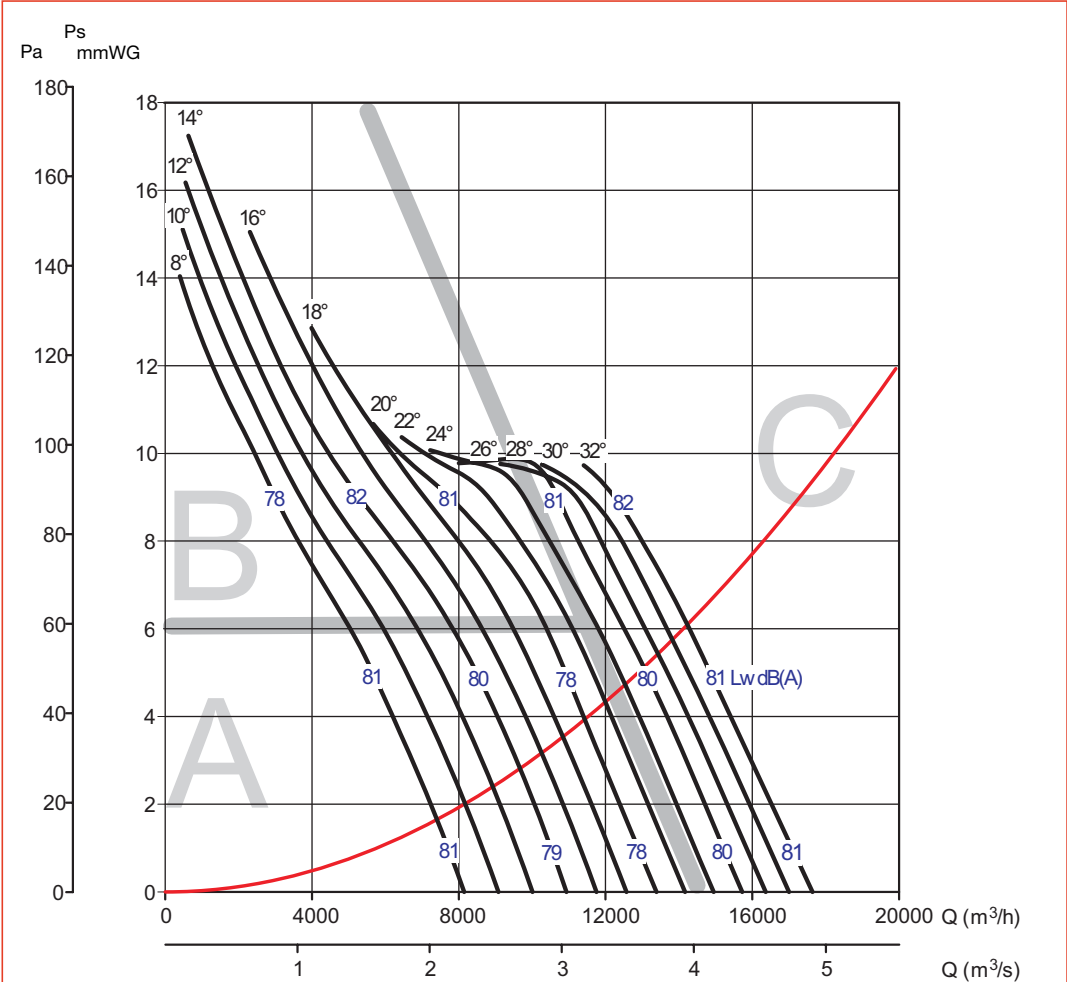
THGT/6-710-3/ °- kW
TGT/6-710-3/ °- kW

THGT series only F200 and F300

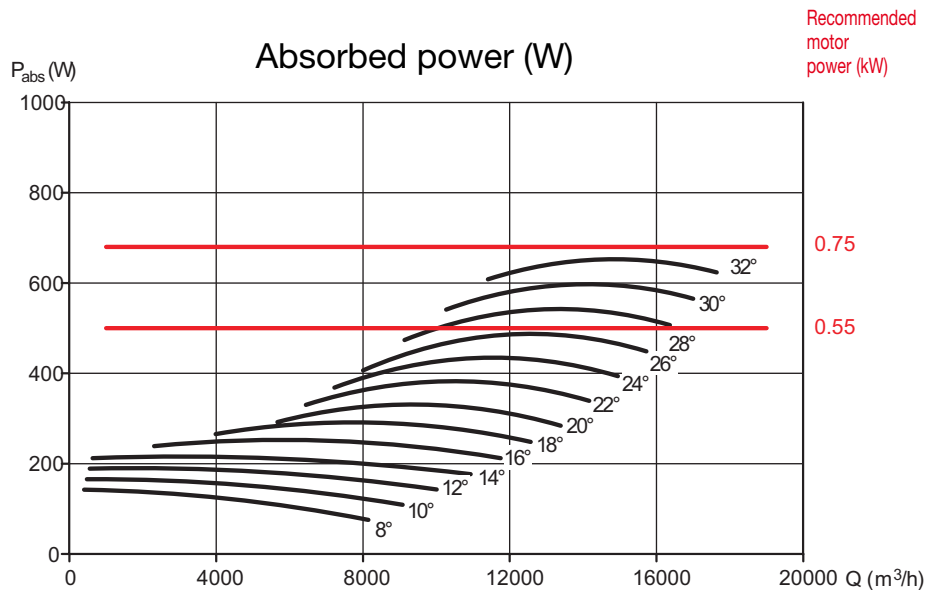
Cylindrical cased axial flow fans

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.



Absorbed power (W)



Performance curves - 6 pole motors - THGT

- 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.

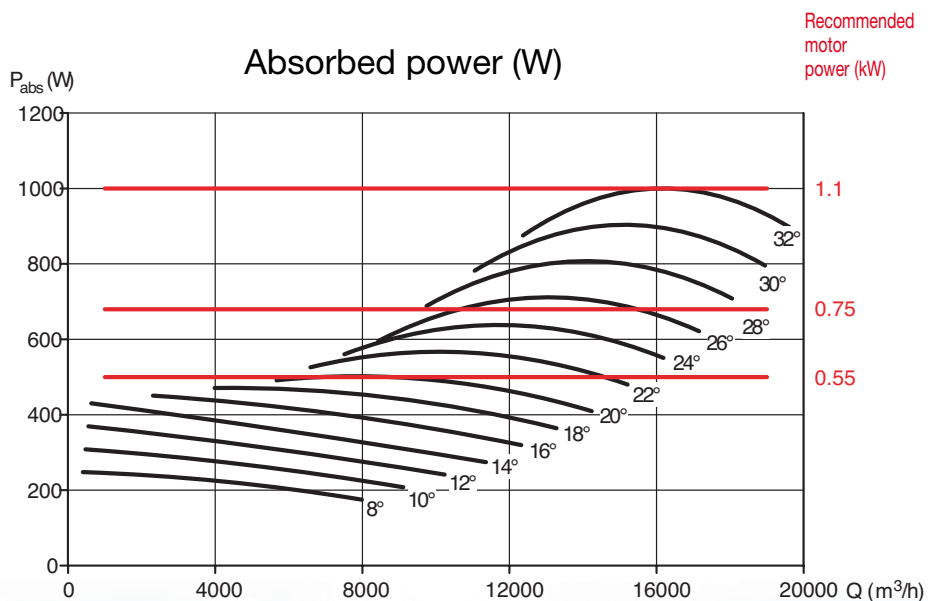
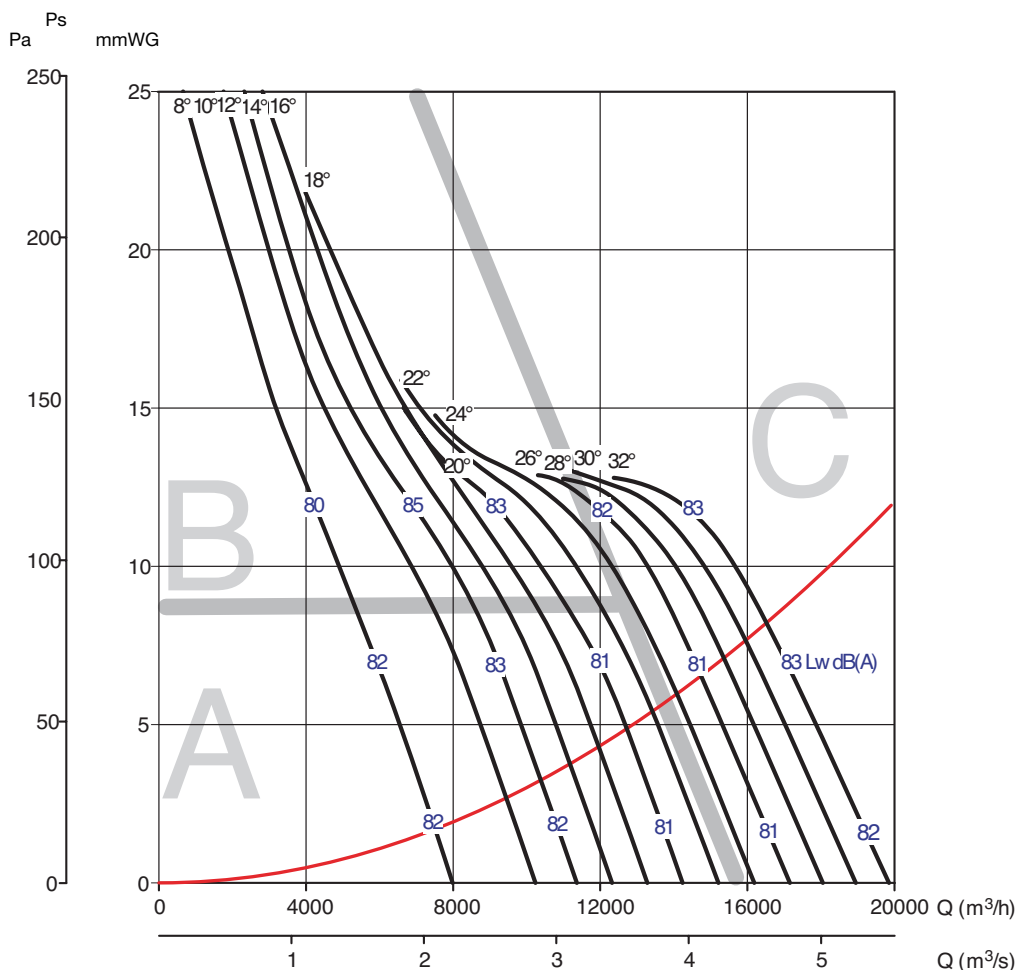
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT	
Number of poles	6
Nominal diameter (mm)	710
Number of blades	5

THGT/6-710-5/_°_ kW

Hz	A	B	C
63	33	32	33
125	26	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.





Performance curves - 6 pole motors - THGT F200-F300 / TGT

- 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)).

THGT F200-F300 / TGT

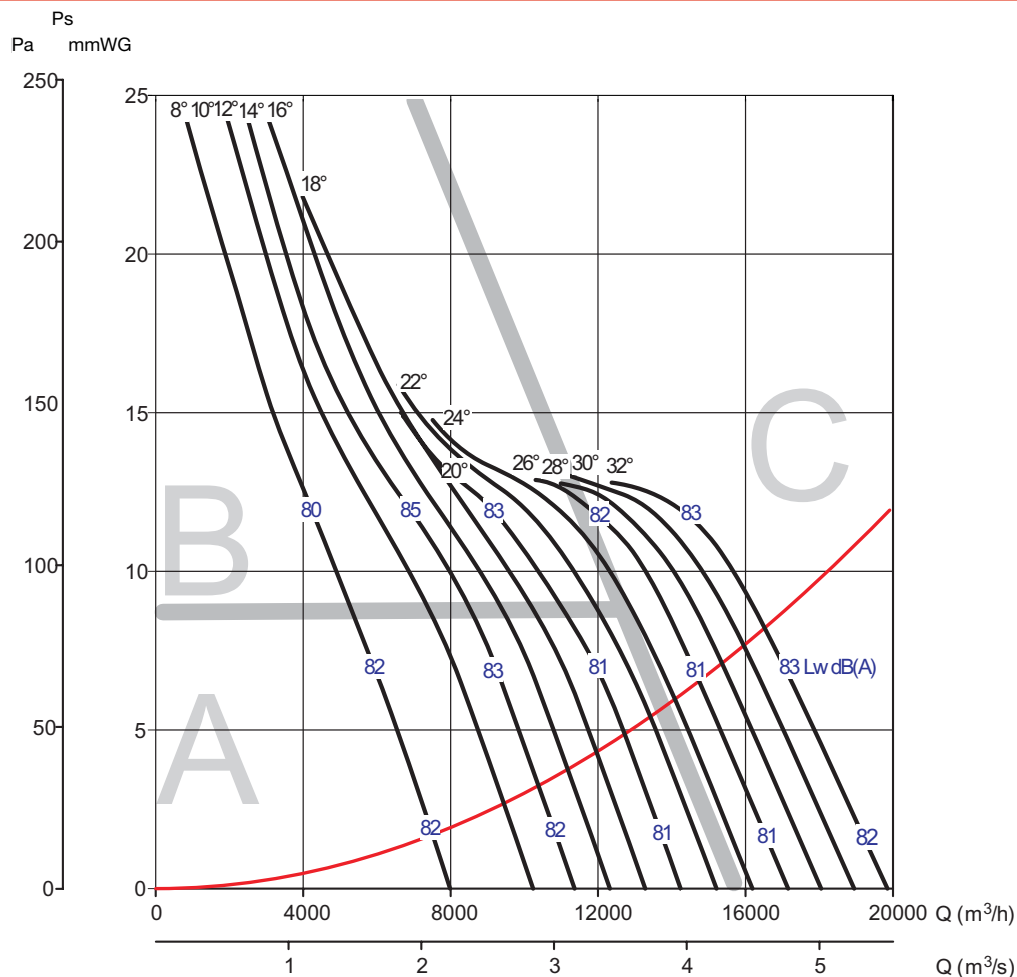
Number of poles **6**
 Nominal diameter (mm) **710**
 Number of blades **6**

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

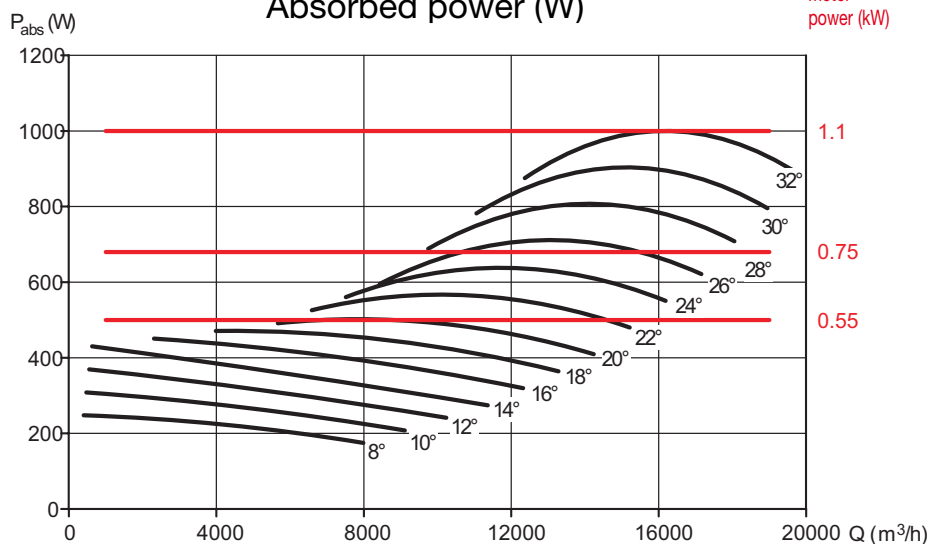
THGT series only F200 and F300

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.



Absorbed power (W)



THGT

Cylindrical cased axial flow fans





Performance curves - 6 pole motors - THGT 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)).

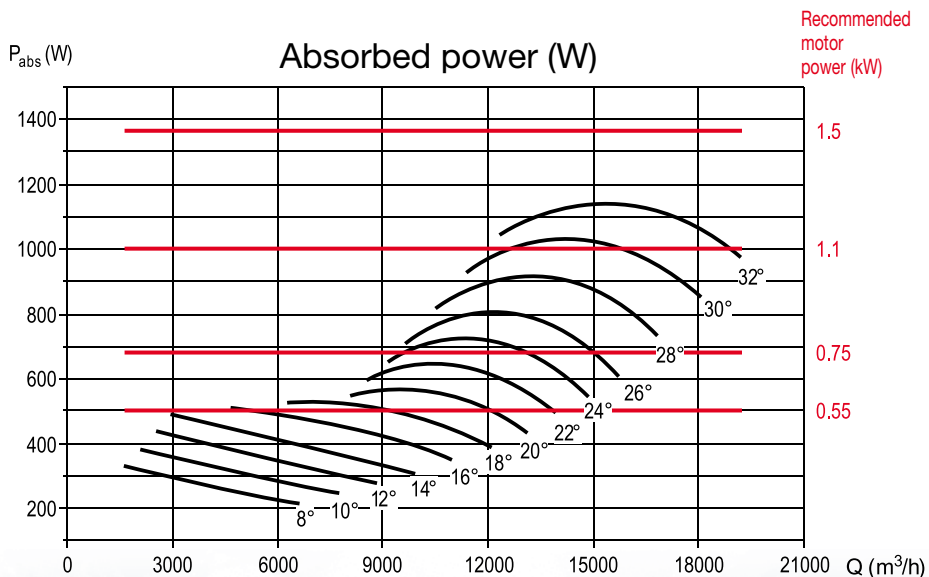
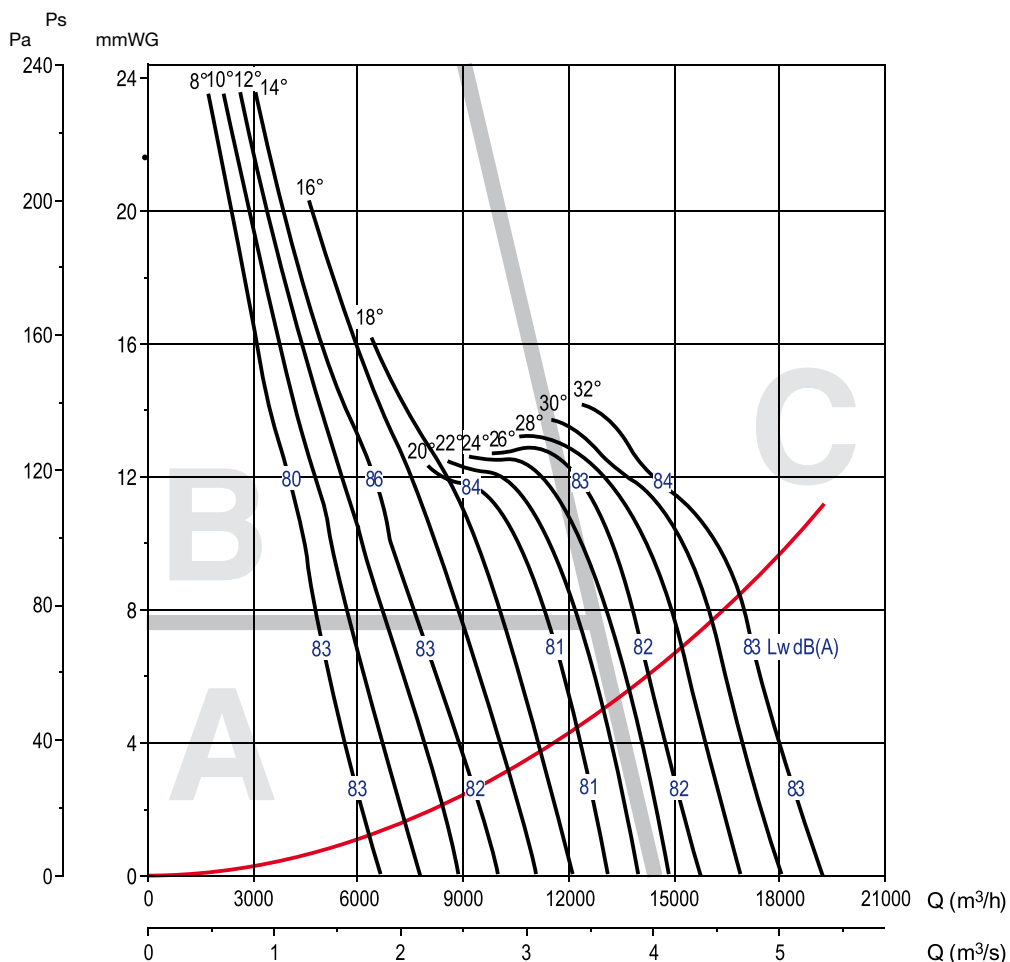
THGT F400	
Number of poles	6
Nominal diameter (mm)	710
Number of blades	7

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

THGT series only F400

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.



THGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - THGT / TGT

- 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)).

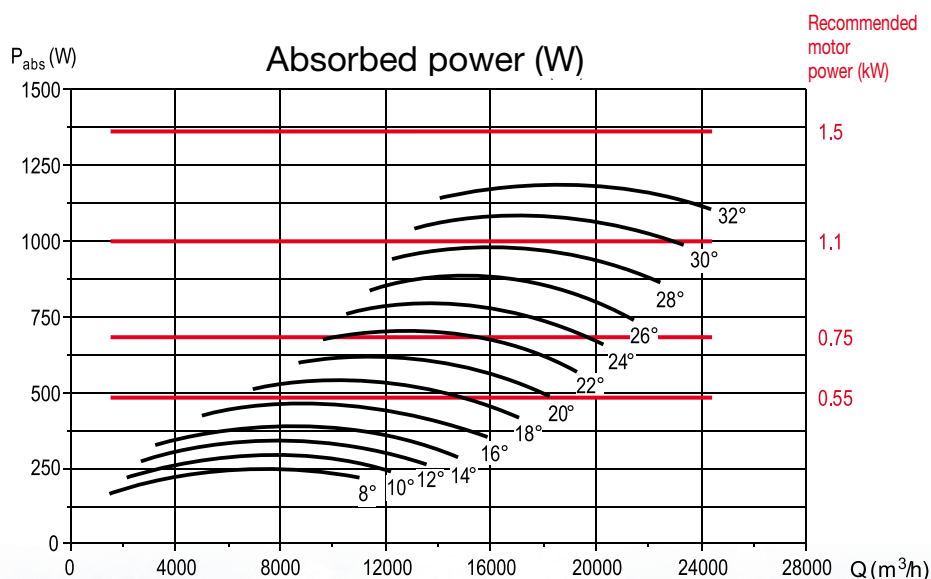
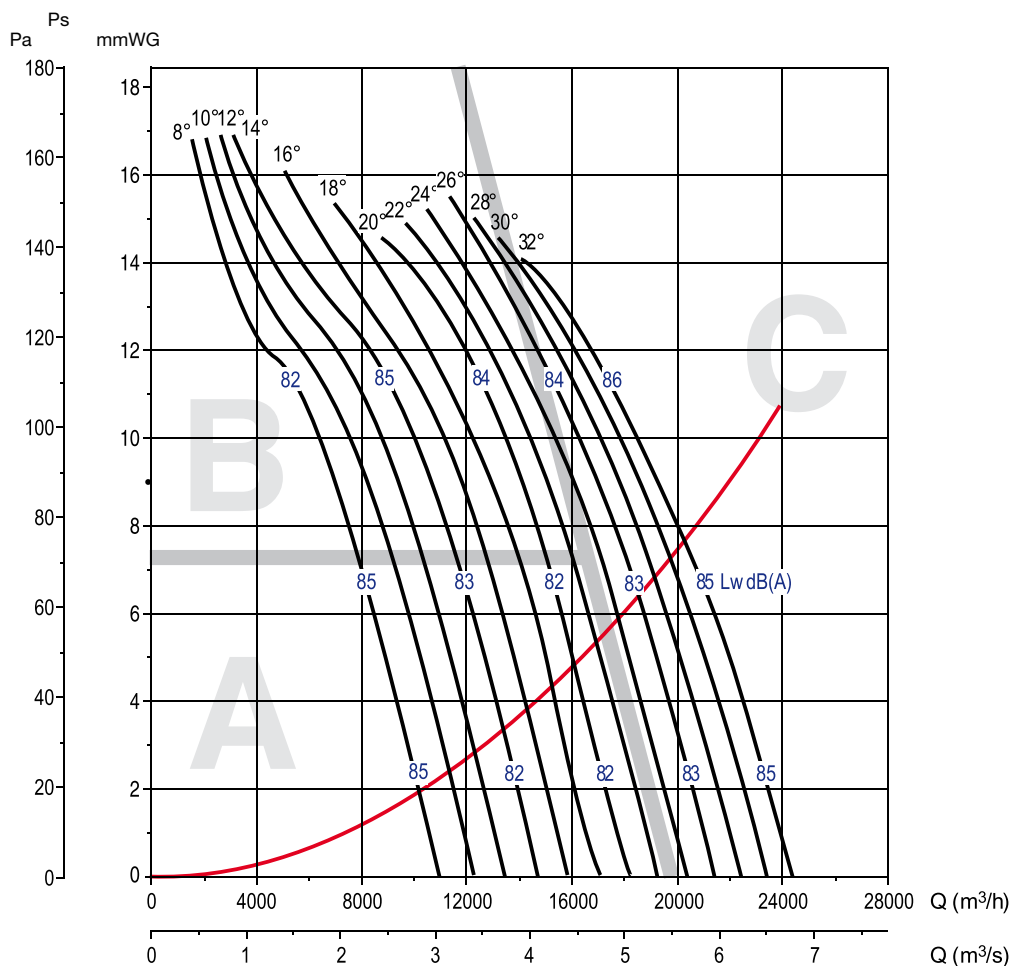
THGT / TGT

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

THGT/6-800-3/ _ ° _ kW
TGT/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.



THGT

Cylindrical cased axial flow fans





Performance curves - 6 pole motors - THGT / TGT

- 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.

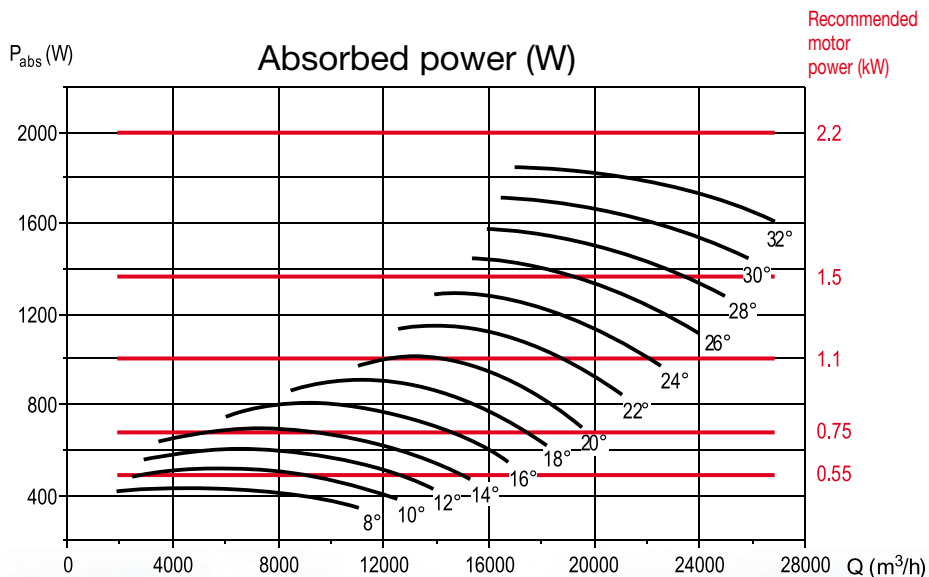
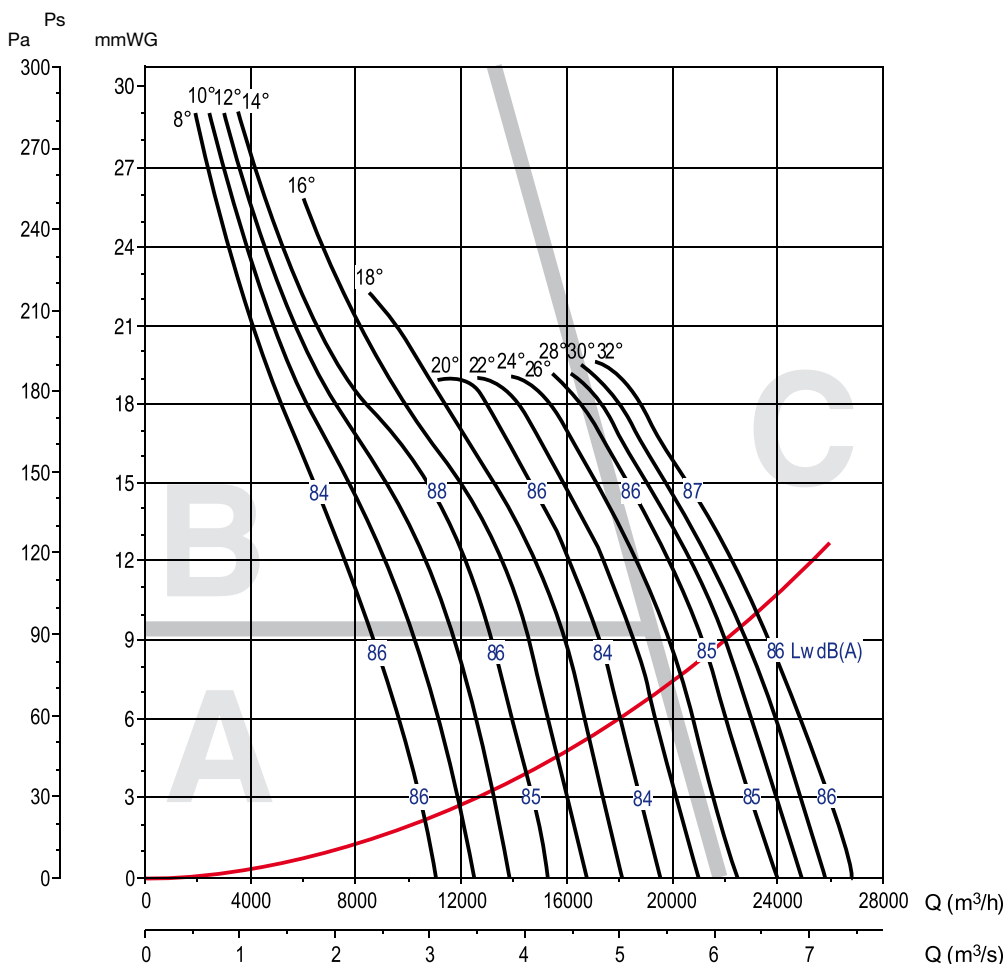
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	800
Number of blades	6

THGT/6-800-6/ _ ° - kW
TGT/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.



THGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - THGT / TGT

- 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)).

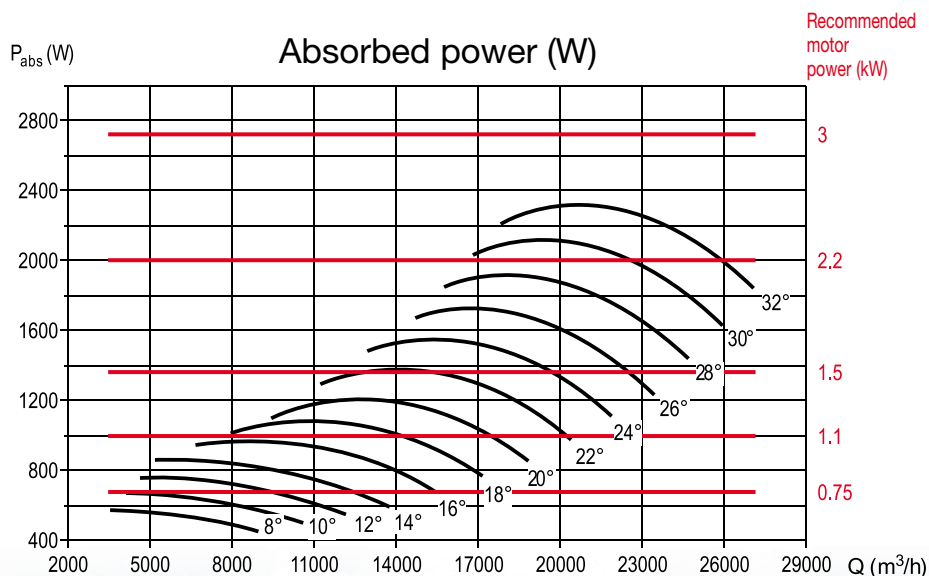
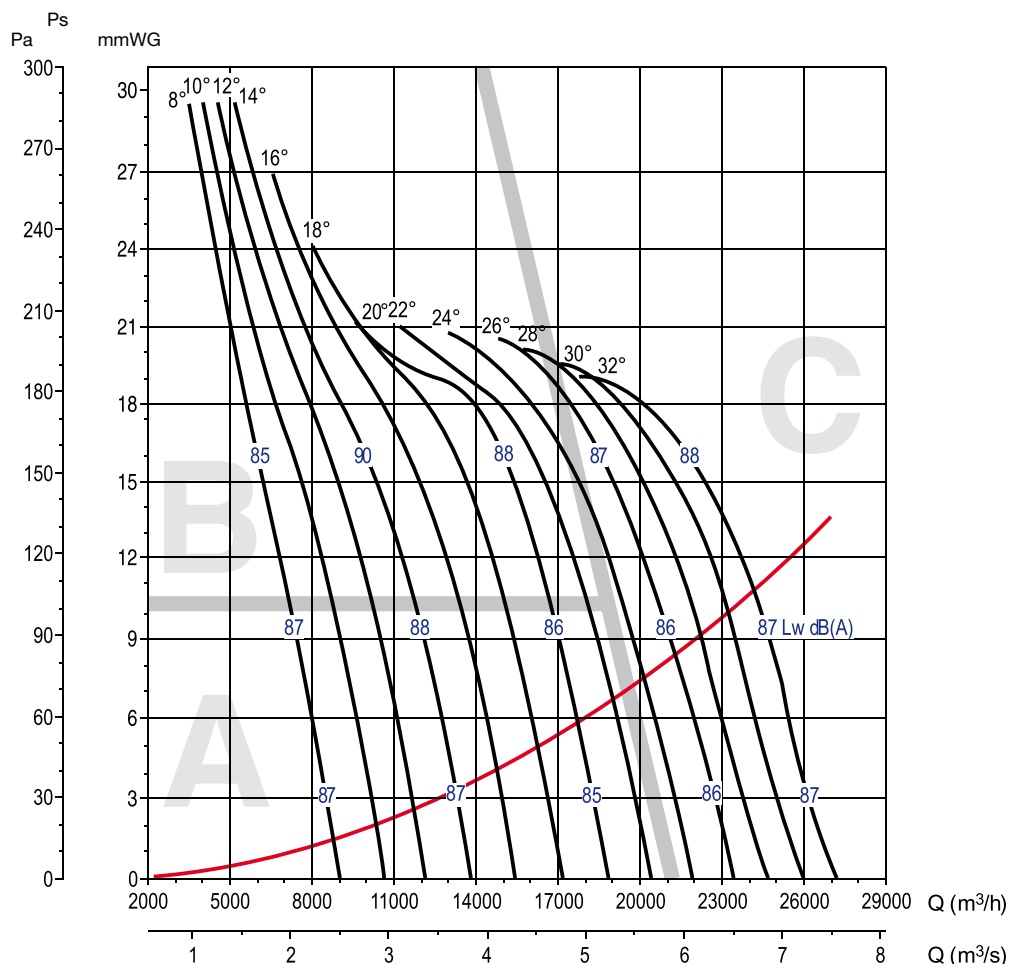
THGT / TGT

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

THGT/6-800-9/°- kW
TGT/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.



THGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - THGT / TGT

- 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.

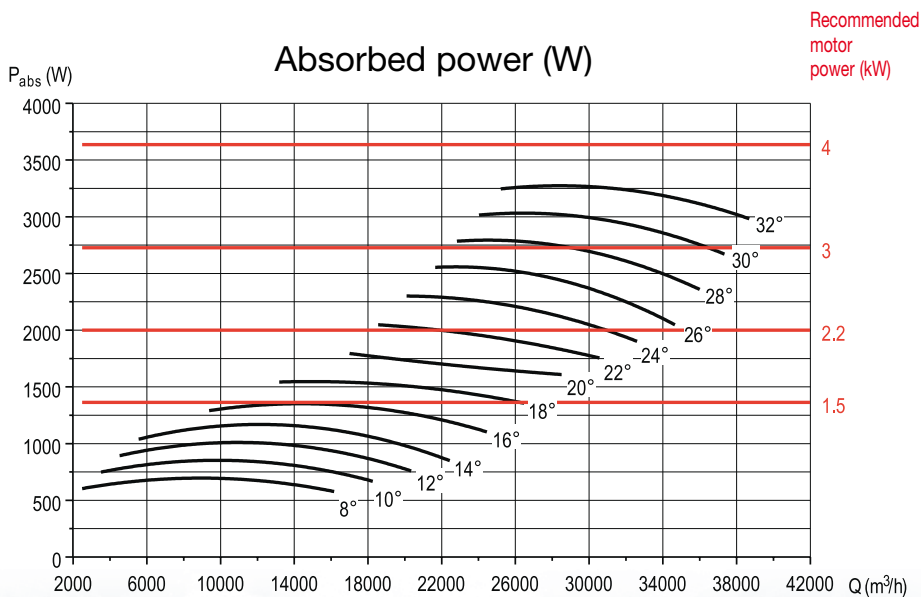
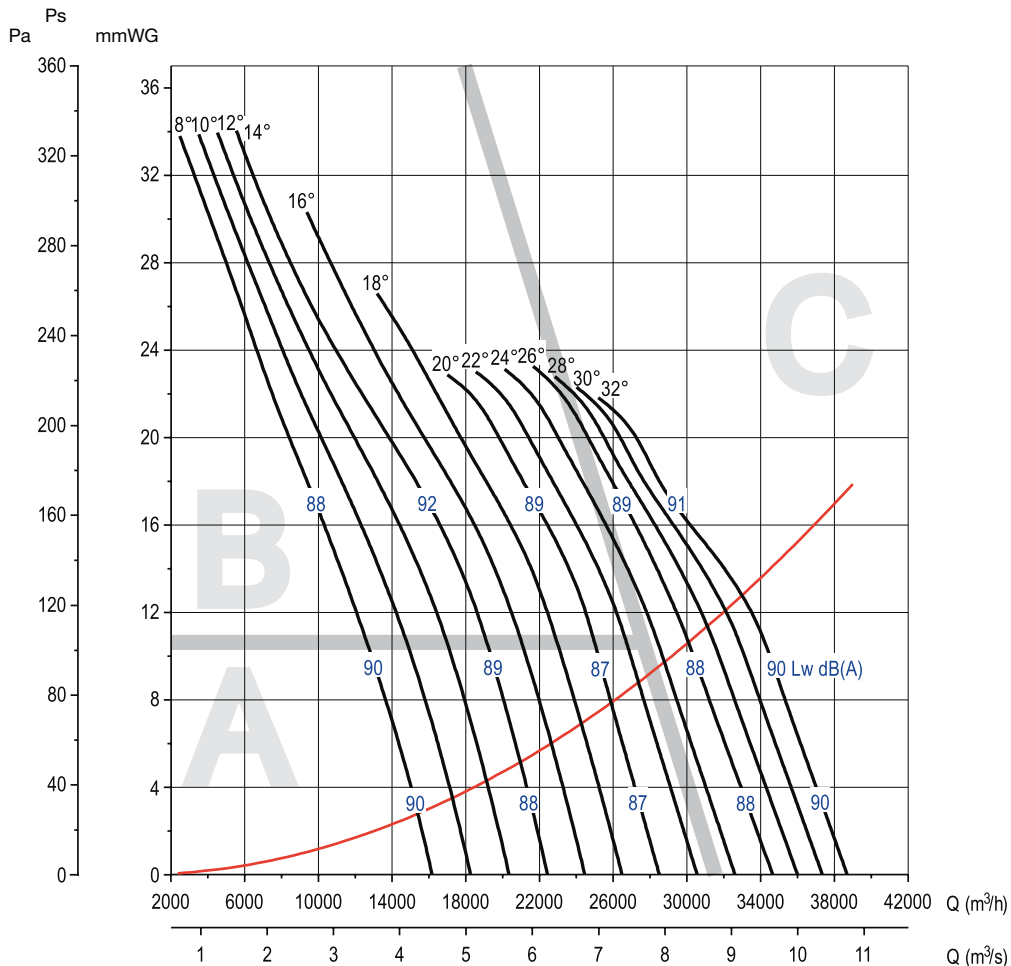
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	900
Number of blades	6

THGT/6-900-6/ °- ° kW
TGT/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 - THGT / TGT

- 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)).

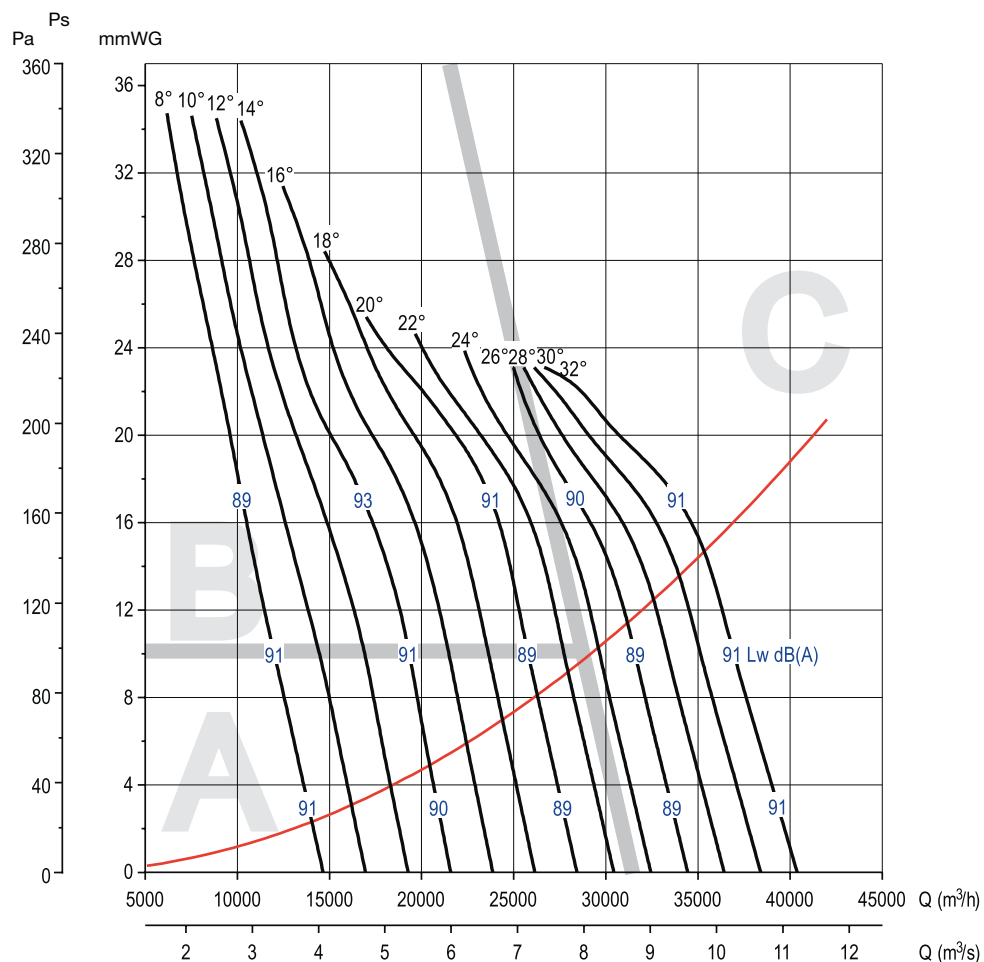
THGT / TGT

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

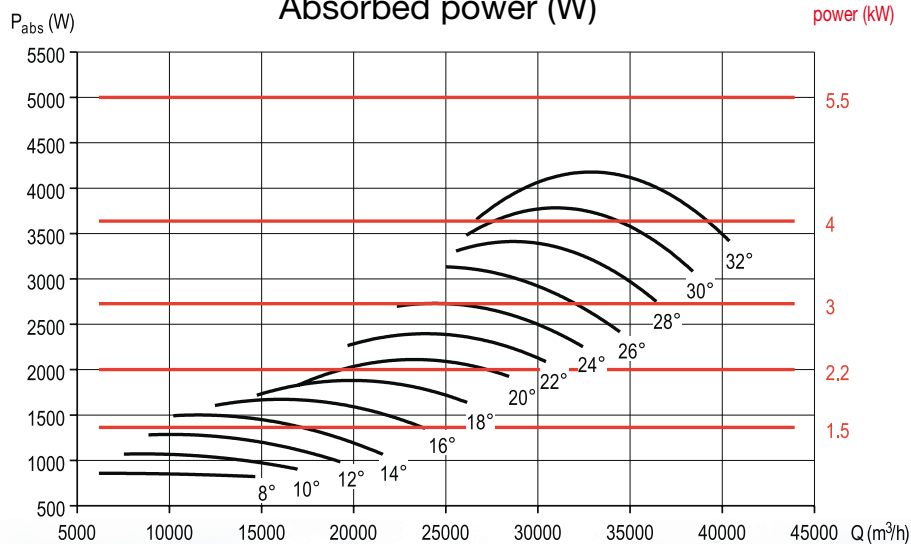
THGT/6-900-9/ _ ° _ kW
TGT/6-900-9/ _ ° _ kW

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.



Absorbed power (W)



Recommended motor power (kW)





Performance curves - 6 pole motors - THGT / TGT

- 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.

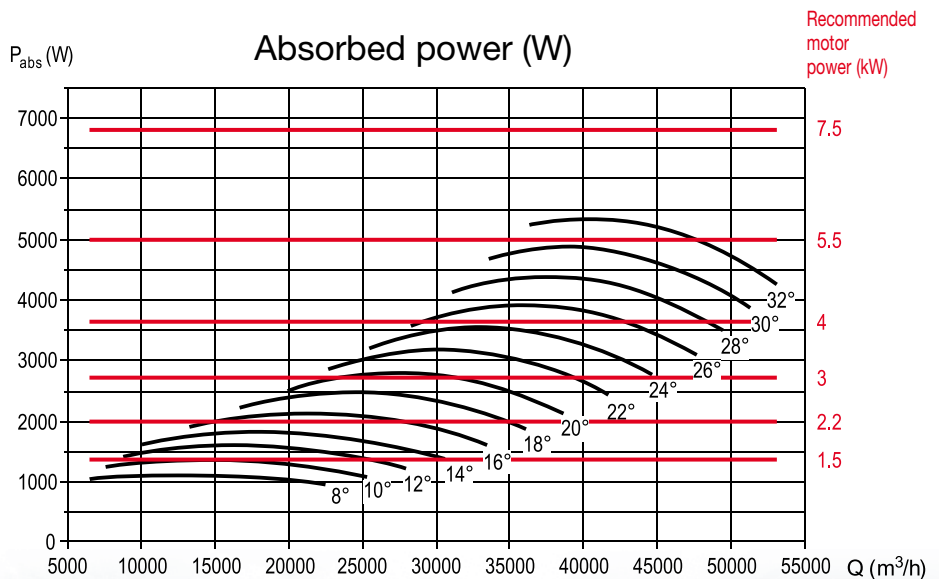
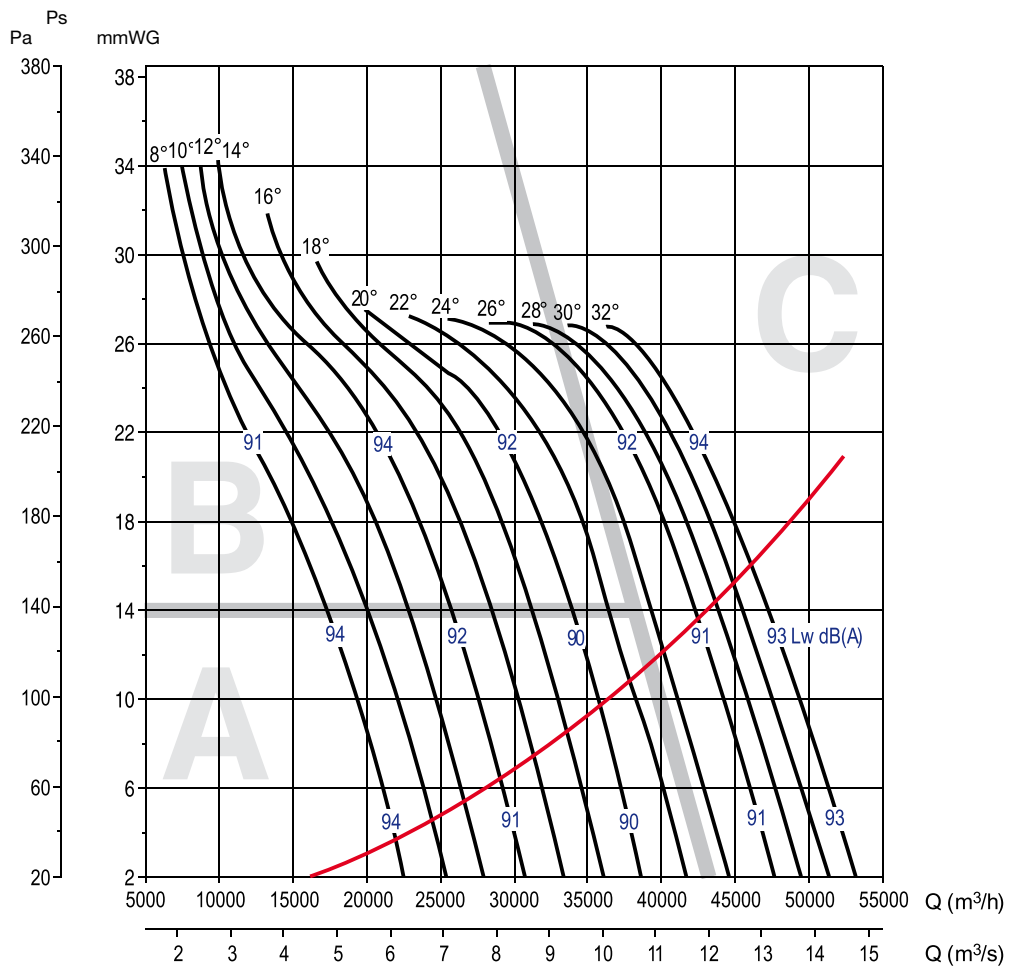
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (LW) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (LP DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	1000
Number of blades	6

THGT/6-1000-6/ °- kW
TGT/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.



THGT

Cylindrical cased axial flow fans



Performance curves - 6 pole motors - THGT / TGT

- 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)).

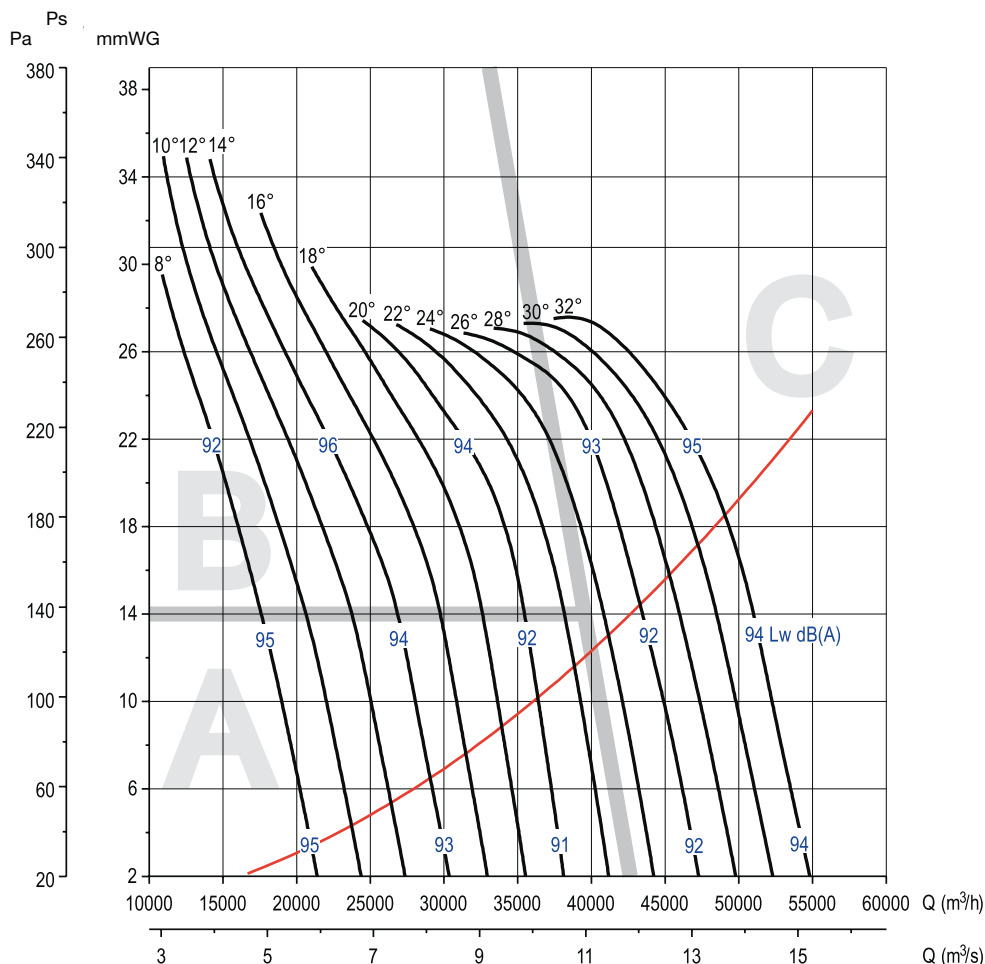
THGT / TGT

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

THGT/6-1000-9/ °- kW
TGT/6-1000-9/ °- kW

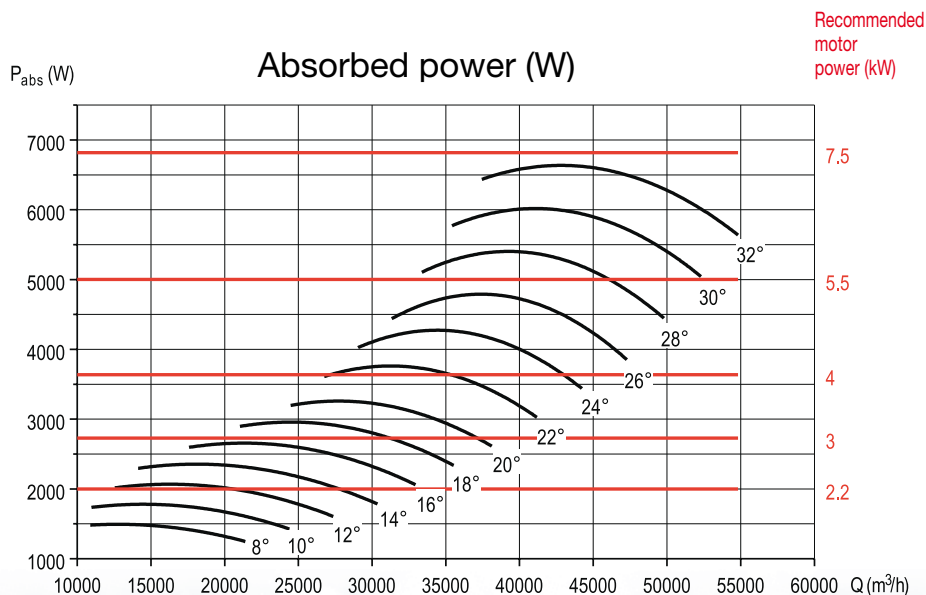
Hz	A	B	C
63	37	31	29
125	22	15	16
250	11	8	10
500	5	5	6
1000	4	5	5
2000	9	9	7
4000	14	15	11
8000	22	23	19

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



THGT

Cylindrical cased axial flow fans





Performance curves - 6 pole motors - THGT / TGT

- 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.

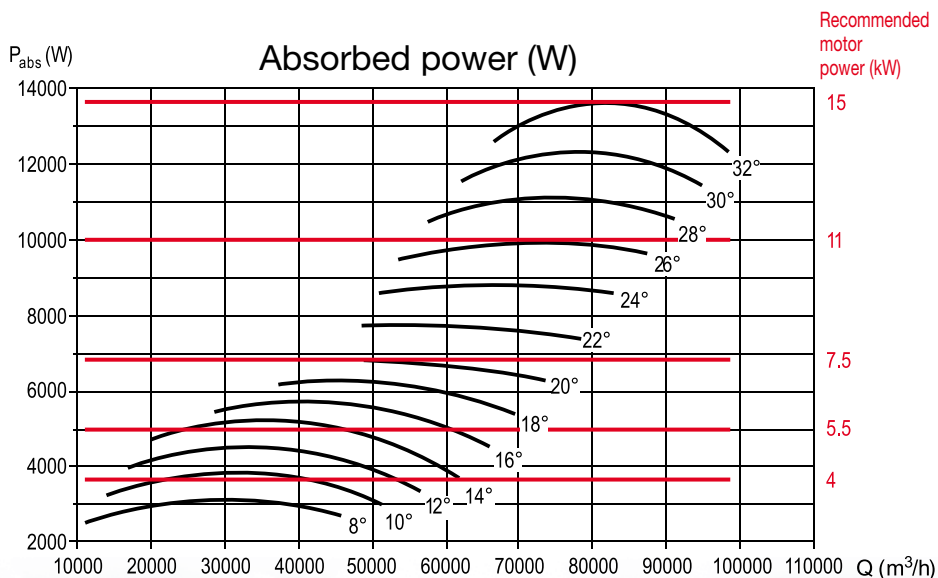
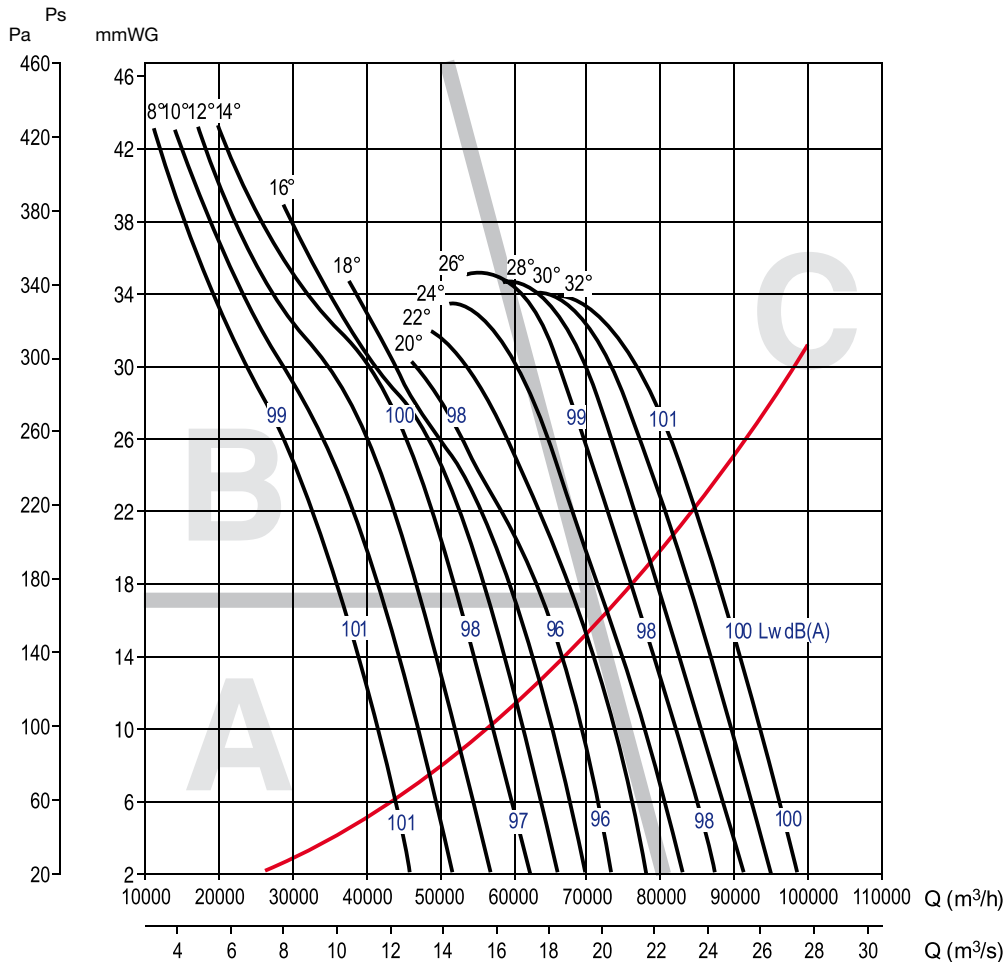
THE SOUND LEVEL VALUES DETAILED IN THE PERFORMANCE CURVES CORRESPOND TO SOUND POWER LEVELS (L_W) MEASURED IN DB(A). TO CONVERT THIS DATA INTO SOUND PRESSURE LEVEL VALUES (L_P DB(A)).

THGT / TGT	
Number of poles	6
Nominal diameter (mm)	1250
Number of blades	6

THGT/6-1250-6/ _ ° - kW
TGT/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.



THGT

Cylindrical cased axial flow fans





Performance curves - 6 pole motors - THGT / TGT

- 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)).

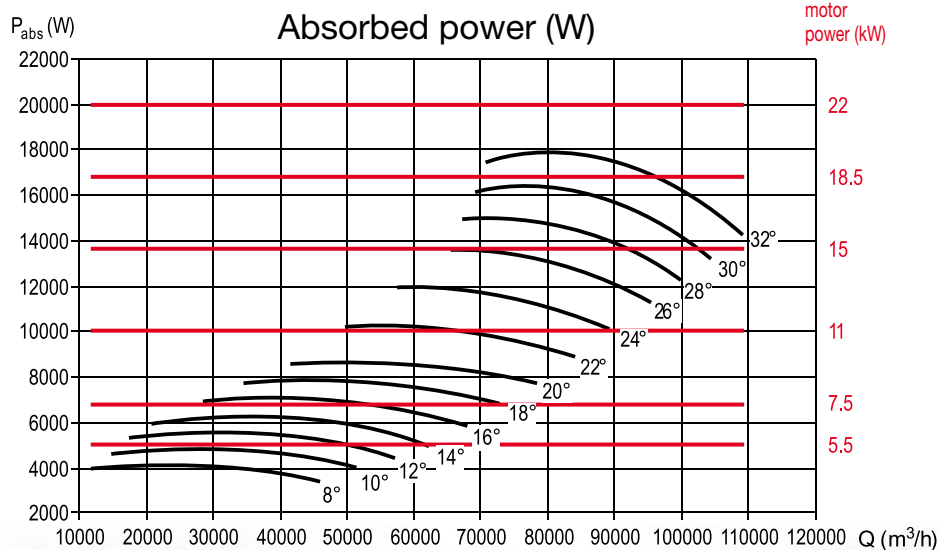
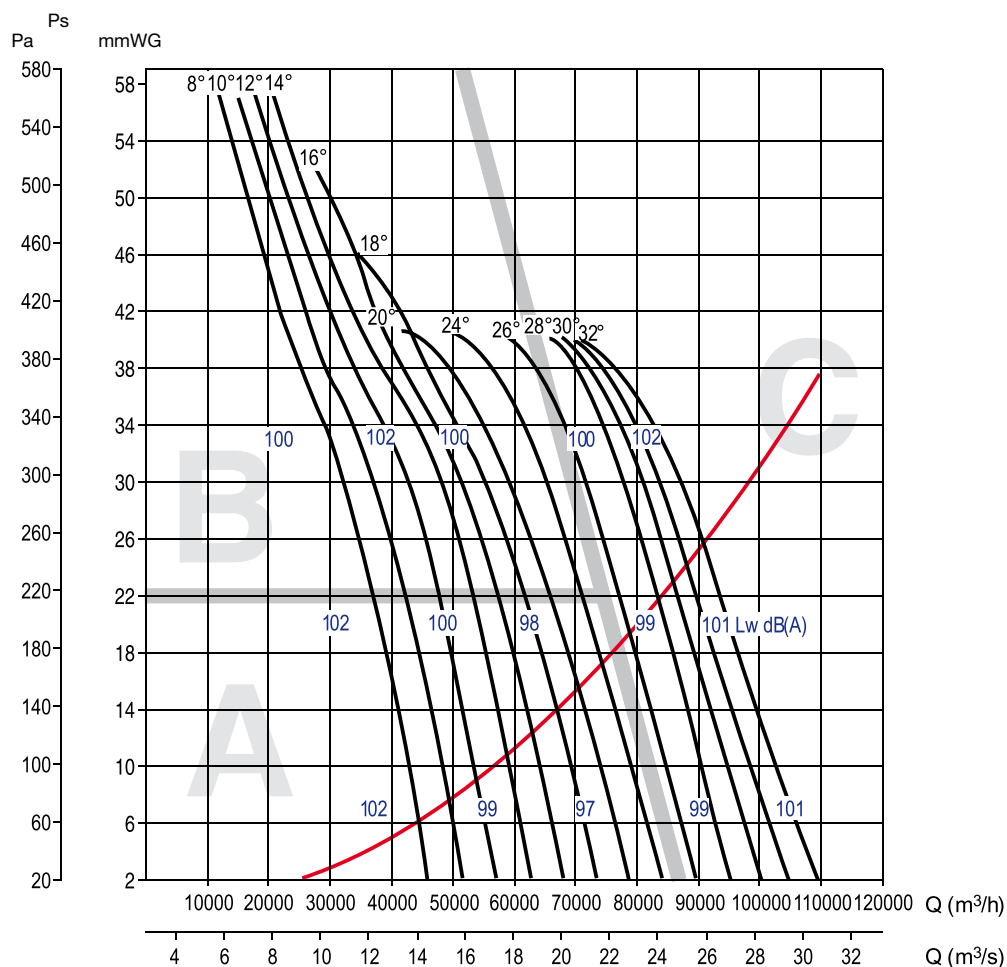
THGT / TGT

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

THGT/6-1250-9/ _ ° _ kW
TGT/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.



THGT

Cylindrical cased axial flow fans

