AXIAL FANS CATALOGUE

BVN®
VENTILATION SYSTEMS & ELECTRICAL MOTORS

www.bvnair.com

GENERAL INFORMATIONS

BVN GLOBAL

We invite you to the world of Ventilation and Air Conditioning;
We offer the most efficient fan and Control systems to make your living spaces more reliable and comfortable.

From 1992 until today, BVN has been manufacturing electric motors and fans for various applications. Istanbul based production area of 30.000 m2, 400 experienced employees and has structuring in 72 countries with Global Brand Of Turkey! www.bvnair.com

We are registering our High Quality With Our Promises And Also Documents!

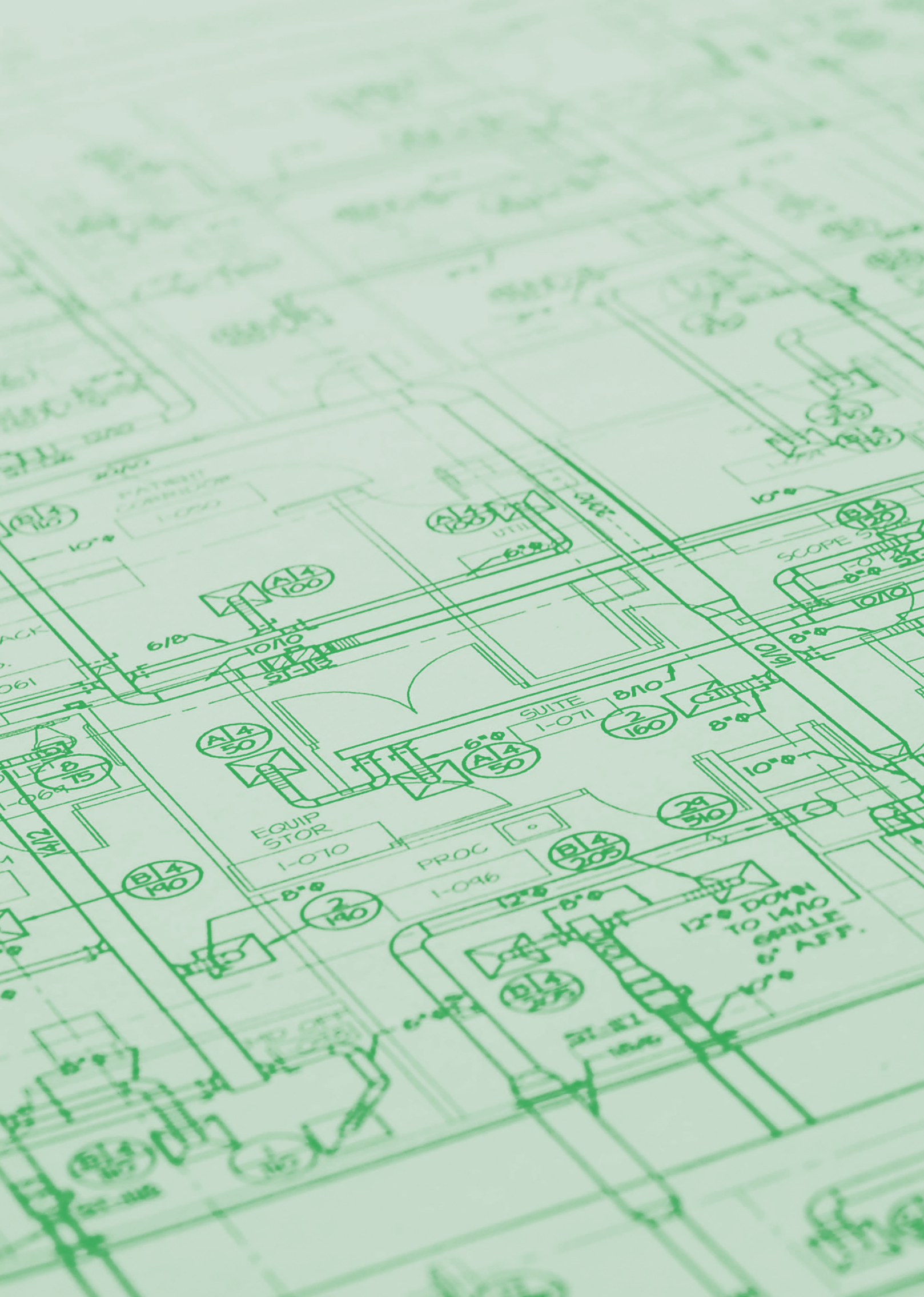
BVN certificated its quailty with ISO 9001, ISO 14001, ISO 18001. BVN Products Follows International Standards Such as ISO and AMCA, also develops the most modern laboratory equipments and improve with the advanced technology softwares.

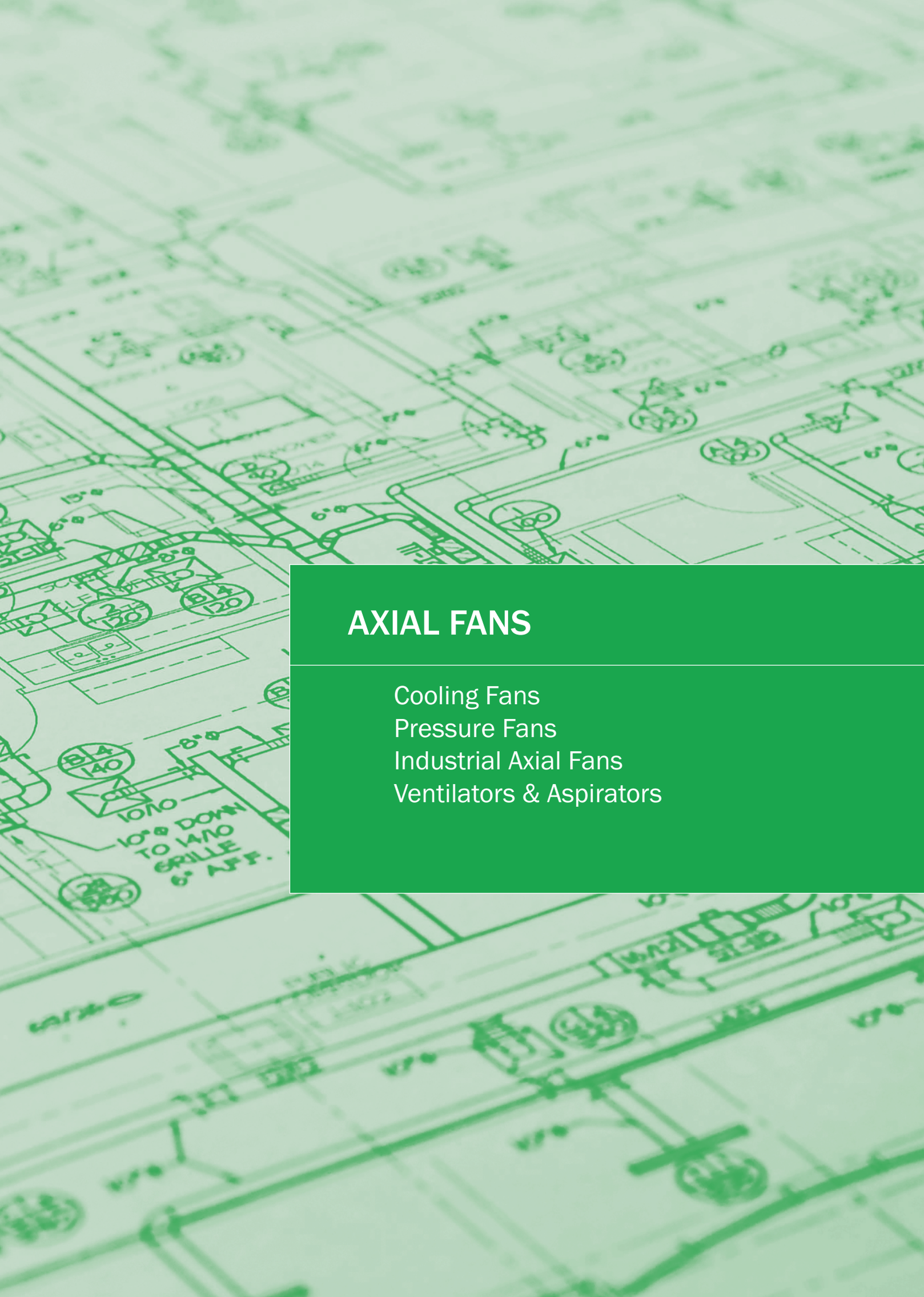
*TSE, CE Mark, UKR SEPRO, PCT GOST, ROHS Requirements are the standarts of BVN Products.

Our Smoke Exhaust Fans has the Fire Endurance certificates F300/H2 and F400/H2 taken from International Test Labrotories.

Before Packacing For the Each Product We deliver, We test our products performance and safety for you to use with peace.

Our Exproof Fans has the Atex Certificate.


SUITE
I-071
EQUIP
STOR
I-070
PROC
I-096
12" DOWN
TO 14'-0
GRILLE
6" AFF.



AXIAL FANS

Cooling Fans
Pressure Fans
Industrial Axial Fans
Ventilators & Aspirators

AXIAL FANS

They work with low energy consumption in a high air flow rates. They are used in different applications such as cooling, heating, building, car park ventilation and industrial ventilation with comprehensive model options.

USAGE AREA

- WALL MOUNTED
  - SQUARE CASED
  - CIRCULAR CASED
  - GRILLED
- DUCT FAN

IMPELLER TYPE

- METAL IMPELLER
- PLASTIC IMPELLER
- ALUMINUM IMPELLER

SF

COOLING FANS

Fan Components and Material Properties

The propeller is manufactured from electrostatic powder coated sheet metal, protective wire and wire mesh electrostatic powder coated steel wire. The propeller is coupled directly to the motor. Protective and carrier wireframe produced in standard connection dimensions.

* Square Plate and Flat Grill options ara available. Please contact BVN representatives.

Benefits

With its blower and suction types, the SF cooling fans are designed for high performance, low noise level and long-term maintenance-free operation in a variety of applications. Speed can be adjusted with speed control devices. Propellers are manufactured in the most ideal angle according to their size and maximum performance is ensured.

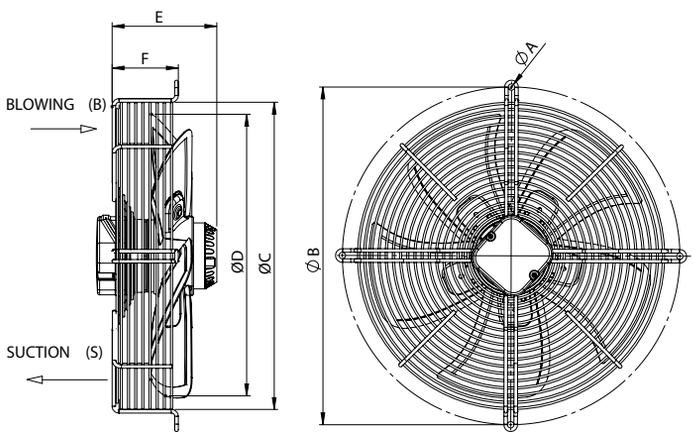
Speed Control

Optional control devices can be provided.
1~Phase products can be controlled with linear voltage regulator (see BSC accessory). * In line with the demand, three-phase models can be produced in accordance with the inverter.

Usage Areas

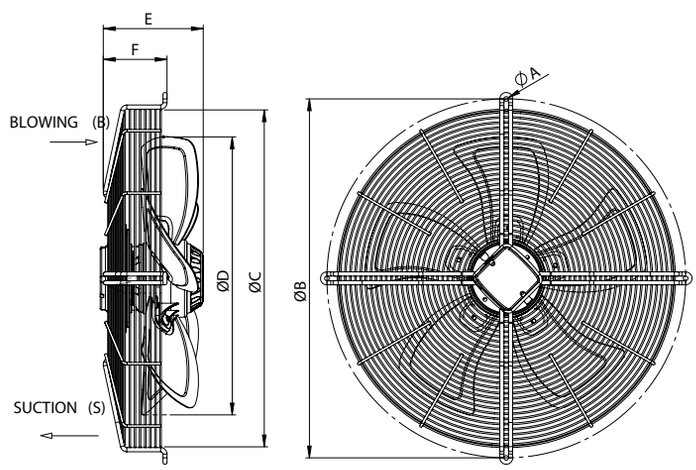
Refrigeration machines, laboratories, residences, air-conditioning outdoor units, hot and cold air appliances and industrial chillers etc. used in places.

Technical Drawing and Tables



TYPE	A	B	C	D	E	F
SF 250	6,5	321	280	250	115	75
SF 300	6,5	360	329	300	115	61
SF 350	6,5	422	374	345	148	88
SF 400	9	470	422	396	146	93
SF 450	9	522	472	444	160	93

Dimensions are in (mm)

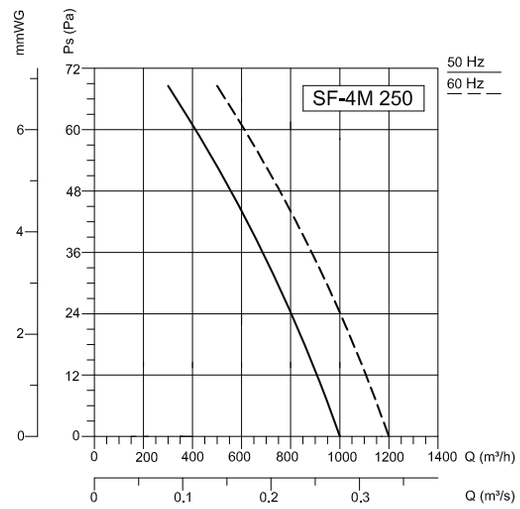


TYPE	A	B	C	D	E	F
SF 500	9	565	520	500	170	97
SF 560	9	700	654	552	198	124
SF 630	9	750	700	623	198	142

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg
SF-4M 250 B	230	50/60	50/60	0,22/0,26	2	1400/1670	1000/1190	44	F	54	2,5
SF-4M 300 B	230	50/60	72/87	0,32/0,38	2,5	1300/1450	1700/1900	50	F	54	4
SFX-4M 300 B	230	50/60	100/120	05/0,54	3,5	1450/1710	1900/2240	50	F	54	4
SF-4M 350 B	230	50/60	165/195	0,75/0,85	4	1380/1545	3300/3700	55	F	54	4,7
SF-4M 400 B	230	50/60	160/220	0,75/1,1	5	1400/1650	4000/4700	58	F	54	6,1
SF-4M 450 B	230	50/60	245/355	1,2/1,6	7	1400/1600	5700/6500	63	F	54	6,9
SFX-6M 450 B	230	50/60	165/220	0,75/0,95	4	910/1025	4575/5225	55	F	54	6,9
SF-4M 500 B	230	50/60	450/600	1,98/2,65	10	1300/1450	6900/7700	65	F	55	9,5
SFX-4M 500 B	230	50	750	3,28	16	1260	9250	66	F	55	10,5
SFX-6M 500 B	230	50/60	220/275	0,99/1,2	6,3	850	6240	58	F	55	10,5
SFX-4M 560 B	230	50	1000	4,8	12,5	1250	11000	81	F	55	15
SFX-6M 560 B	230	50	450	2	10	875	8000	62	F	55	15
SFX-6M 630 B	230	50/60	630/750	2,9	12,5	850	11000	65	F	55	18
SFX-4T 300 B	Y380/Δ220	50/60	90/108	0,29/0,52	-	1450/1710	1900/2240	50	F	54	4
SF-4T 350 B	Y380/Δ220	50/60	160/170	0,33/0,58	-	1380/1545	3300/3700	55	F	54	4,7
SF-4T 400 B	Y380/Δ220	50/60	140/190	0,47/0,8	-	1400/1650	4000/4700	58	F	54	6,1
SF-4T 450 B	Y380/Δ220	50/60	200/285	0,5/0,55	-	1400/1600	5700/6500	63	F	54	6,9
SF-4T 500 B	380 Δ / Y	50	425/250	0,87/0,45	-	1300/1000	6900/5300	65	F	55	9,5
SFX-4T 500 B	380 Δ / Y	50	800/550	1,6/095	-	1260/1000	9250/7340	66	F	55	10,5
SFX-8T 500 B	380 Δ / Y	50/60	150/85	0,40/0,15	-	650/550	4770/4040	52	F	55	10,5
SF-4T 560 B	380 Δ / Y	50	1200/800	2,6/1,5	-	1325/1050	12000/9500	68	F	55	15
SFX-6T 560 B	380 Δ / Y	50	500/300	1/0,5	-	875/650	8000/5950	62	F	55	15
SFX-6T 630 B	380 Δ / Y	50 60	600/400 720/475	1,25/0,70 1,37/0,73	-	850/650 900/695	11000/8400 11650/9000	65 67	F	54	18
SF-4M 250 S	230	50/60	50/60	0,22/0,26	2	1400/1670	1000/1190	44	F	54	2,5
SF-4M 300 S	230	50/60	72/87	0,32/0,38	2,5	1300/1450	1700/1900	50	F	54	4
SFX-4M 300 S	230	50/60	100/120	05/0,54	3,5	1450/1710	1900/2240	50	F	54	4
SF-4M 350 S	230	50/60	165/195	0,75/0,85	4	1380/1545	3300/3700	55	F	54	4,7
SF-4M 400 S	230	50/60	160/220	0,75/1,1	5	1400/1650	4000/4700	58	F	54	6,1
SF-4M 450 S	230	50/60	245/355	1,2/1,6	7	1400/1600	5700/6500	63	F	54	6,9
SFX-6M 450 S	230	50/60	165/220	0,75/0,95	4	910/1025	4575/5225	55	F	54	6,9
SF-4M 500 S	230	50/60	450/600	1,98/2,65	10	1300/1450	6900/7700	65	F	55	9,5
SFX-4M 500 S	230	50	750	3,28	16	1260	9250	66	F	55	10,5
SFX-6M 500 S	230	50/60	220/275	0,99/1,2	6,3	850	6240	58	F	55	10,5
SFX-4M 560 S	230	50	1000	4,8	12,5	1250	11000	81	F	55	15
SFX-6M 560 S	230	50	450	2	10	875	8000	62	F	55	15
SFX-6M 630 S	230	50/60	630/750	2,9	12,5	850	11000	65	F	55	18
SFX-4T 300 S	Y380/Δ220	50/60	90/108	0,29/0,52	-	1450/1710	1900/2240	50	F	54	4
SF-4T 350 S	Y380/Δ220	50/60	160/170	0,33/0,58	-	1380/1545	3300/3700	55	F	54	4,7
SF-4T 400 S	Y380/Δ220	50/60	140/190	0,47/0,8	-	1400/1650	4000/4700	58	F	54	6,1
SF-4T 450 S	Y380/Δ220	50/60	200/285	0,5/0,55	-	1400/1600	5700/6500	63	F	54	6,9
SF-4T 500 S	380 Δ / Y	50	425/250	0,87/0,45	-	1300/1000	6900/5300	65	F	55	9,5
SFX-4T 500 S	380 Δ / Y	50	800/550	1,6/095	-	1260/1000	9250/7340	66	F	55	10,5
SFX-8T 500 S	380 Δ / Y	50/60	150/85	0,40/0,15	-	650/550	4770/4040	52	F	55	10,5
SFX-4T 560 S	380 Δ / Y	50	1200/800	2,6/1,5	-	1325/1050	12000/9500	68	F	55	15
SFX-6T 560 S	380 Δ / Y	50	500/300	1/0,5	-	875/650	8000/5950	62	F	55	15
SFX-6T 630 S	380 Δ / Y	50 60	600/400 720/475	1,25/0,70 1,37/0,73	-	850/650 900/695	11000/8400 11650/9000	65 67	F	54	18

Sound Level Measured from 3m distance in room condition.



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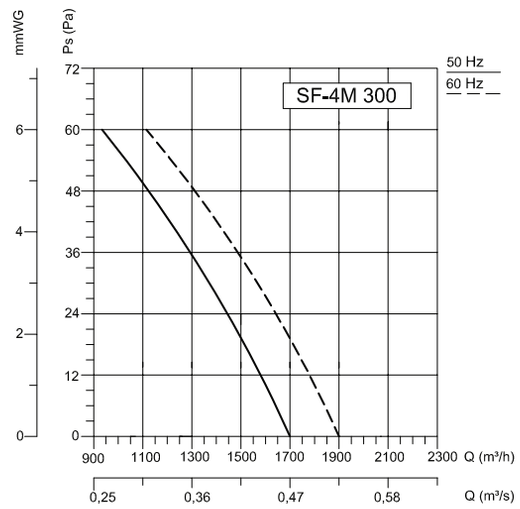
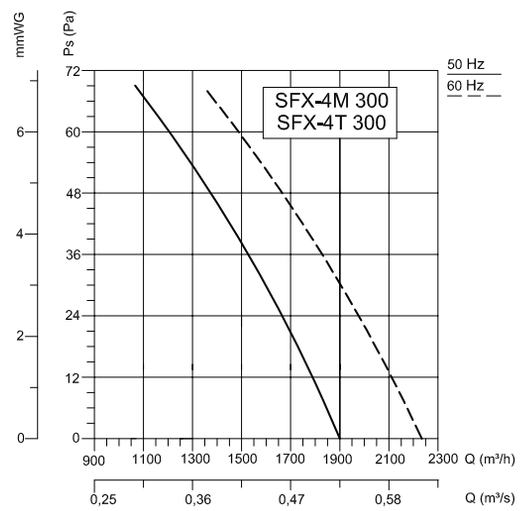
L_{WA} Inlet	51	22	40	46	44	45	42	23		dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	51	22	40	46	44	45	42	23		dB(A)



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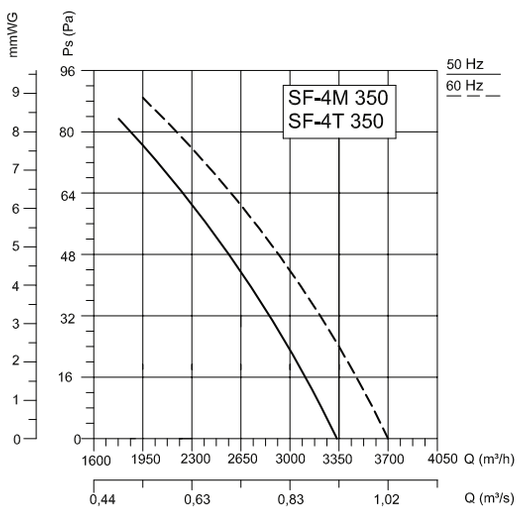
L_{WA} Inlet	58	30	48	53	51	52	49	32		dB(A)



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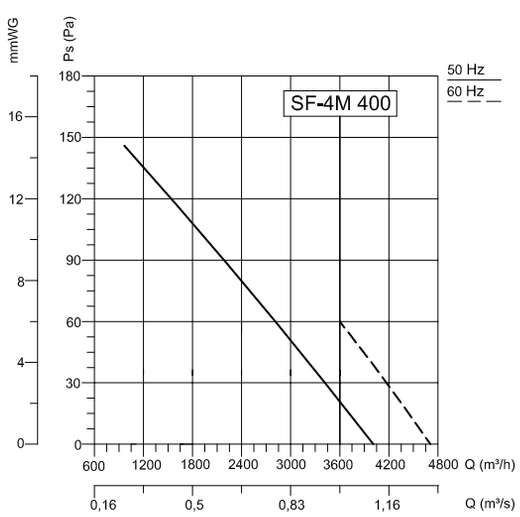
L_{WA} Inlet	62	43	52	53	55	57	55	54		dB(A)



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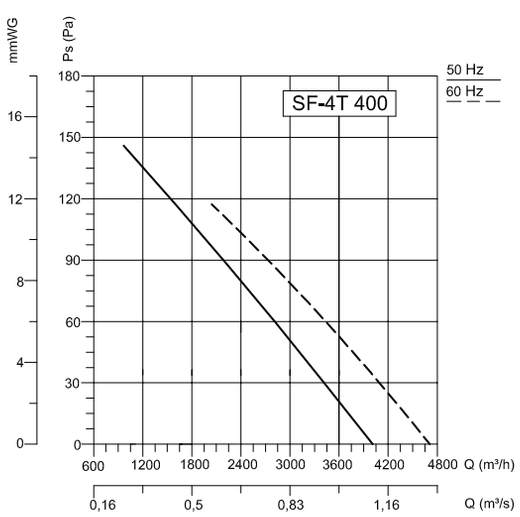
L_{WA} Inlet	65	56	53	59	57	59	59	47		dB(A)



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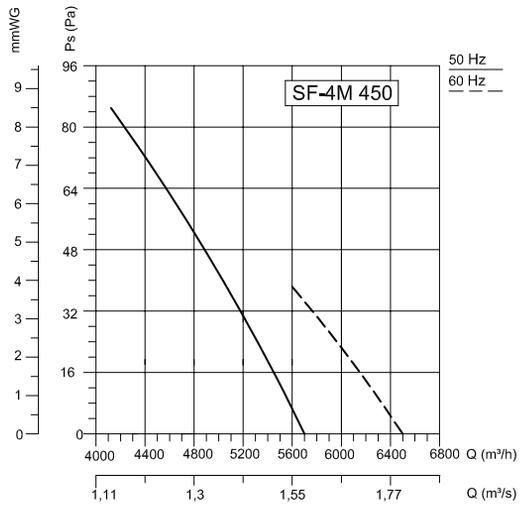
L_{WA} Inlet	65	56	53	59	57	59	59	47		dB(A)



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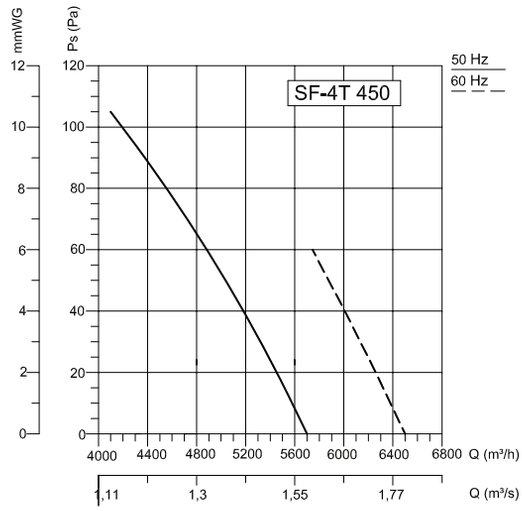
L_{wA} Inlet	70	51	60	62	65	65	53	51		dB(A)



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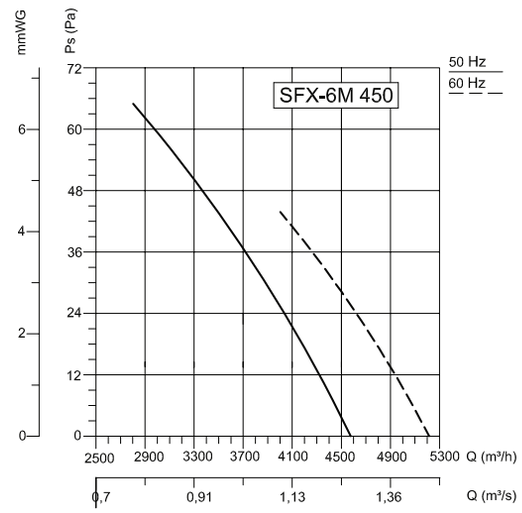
L_{wA} Inlet	70	51	60	62	65	65	53	51		dB(A)



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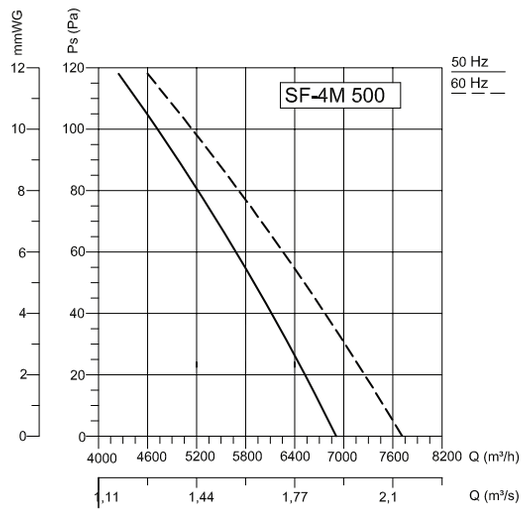
L_{wA} Inlet	62	43	52	53	55	57	55	54		dB(A)



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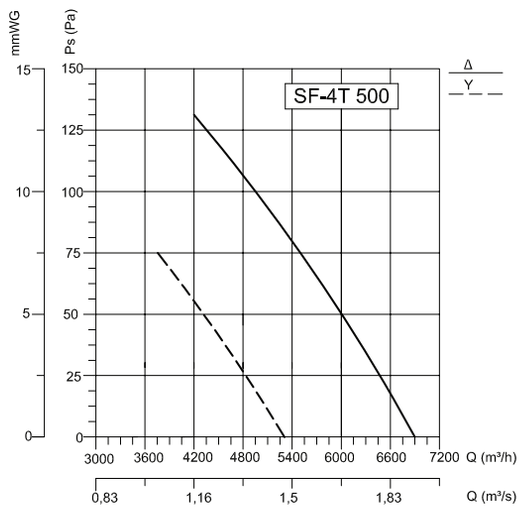
L_{wA} Inlet	72	53	61	63	66	67	65	53		dB(A)



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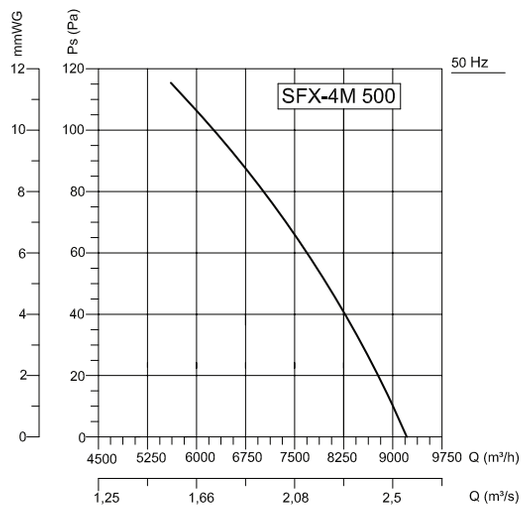
L_{wA} Inlet	72	53	61	63	66	67	65	53		dB(A)



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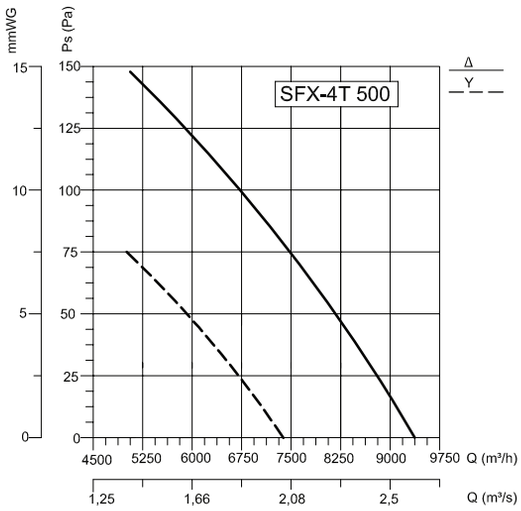
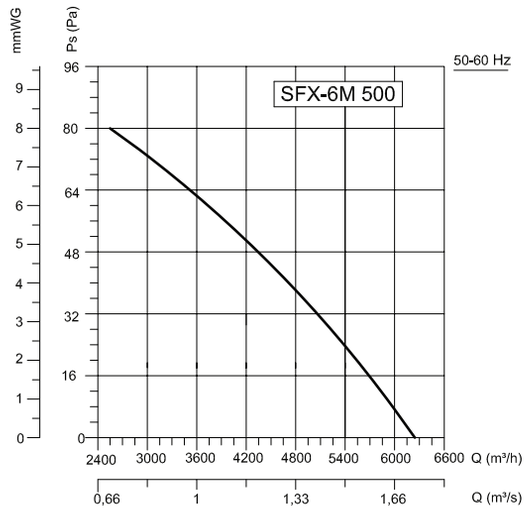
L_{wA} Inlet	73	54	62	64	67	68	66	54		dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	73		54	62	64	67	68	66	54	dB(A)



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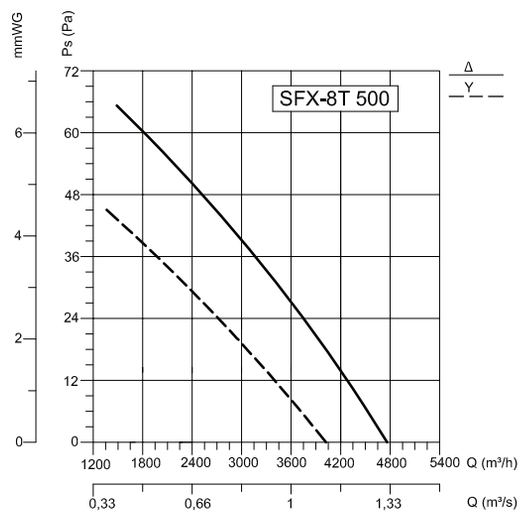
L_{wA} Inlet	65		56	53	59	57	59	59	47	dB(A)



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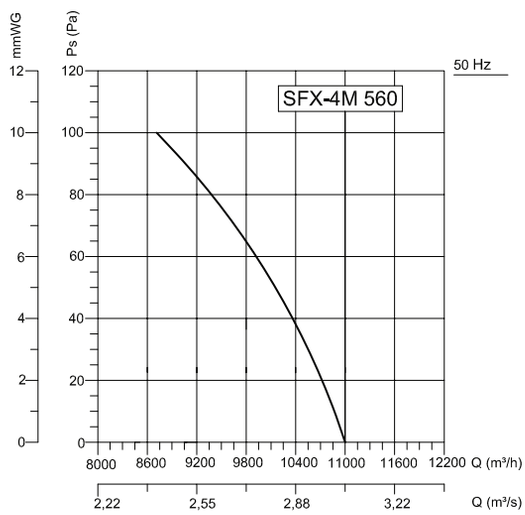
L_{wA} Inlet	59		30	48	54	52	53	50	31	dB(A)



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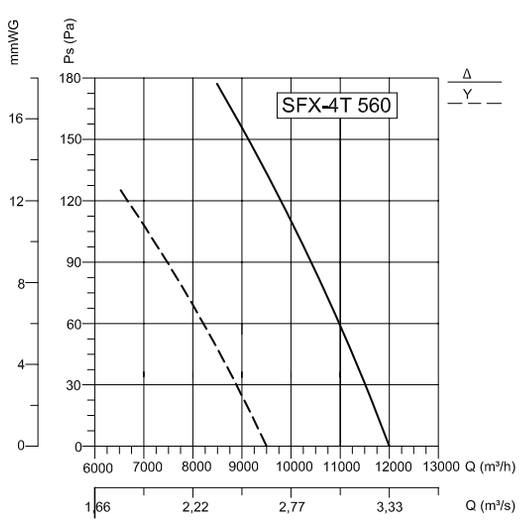
L_{wA} Inlet	75		59	65	68	70	69	65	56	dB(A)



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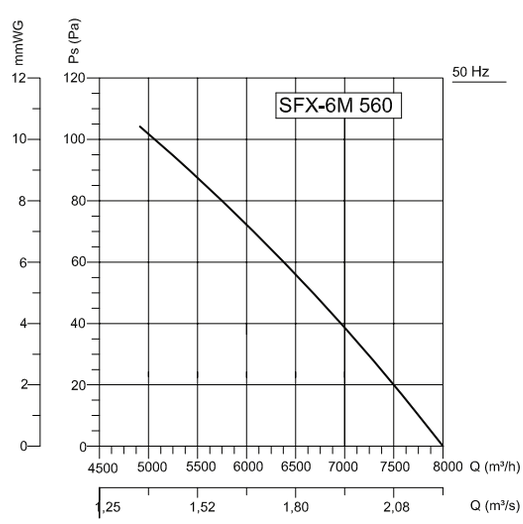
L_{wA} Inlet	75		59	65	68	70	69	65	56	dB(A)



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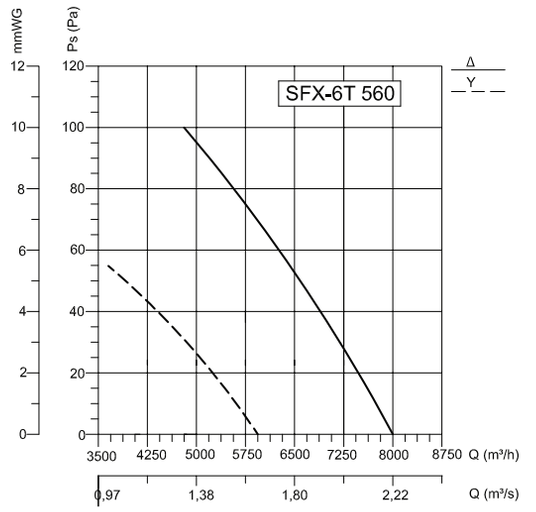
L_{wA} Inlet	69		53	59	62	64	63	59	50	dB(A)



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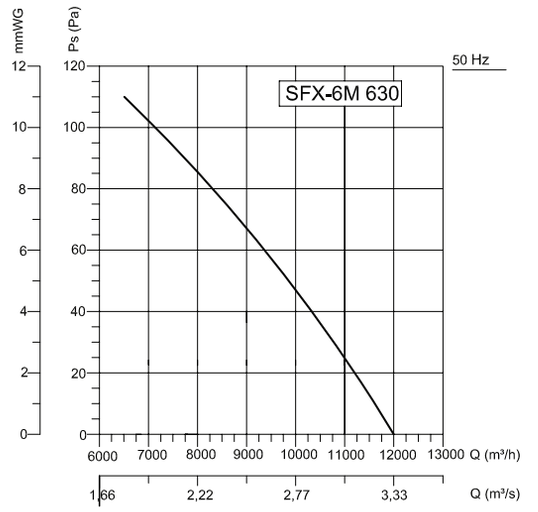
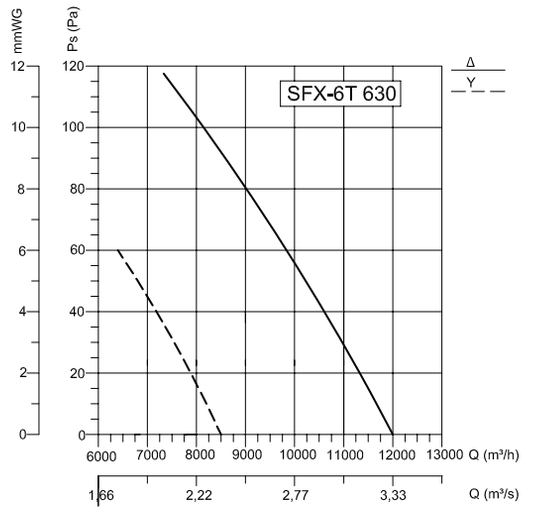
L_{wA} Inlet	69		53	59	62	64	63	59	50	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	72		57	63	65	66	66	63	53	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	72		57	63	65	66	66	63	53	dB(A)

BDRAX

COOLING FANS

Fan Components and Material Properties

The case and propeller are made of electrostatic powder coated sheet metal and electrostatic powder coated from protective wire mesh strip steel. The motor and fan impeller are connected to the main body by steel carriers. It has an external rotor motor with closed structure.

Benefits

Thanks to their ideal wing angles, they achieve high air flow at minimum sound levels despite their small size. Easily mounted on windows and wall.

Speed Control

Optional control devices can be provided.
* Speed control can be done with linear voltage regulator. (see BSC accessory)

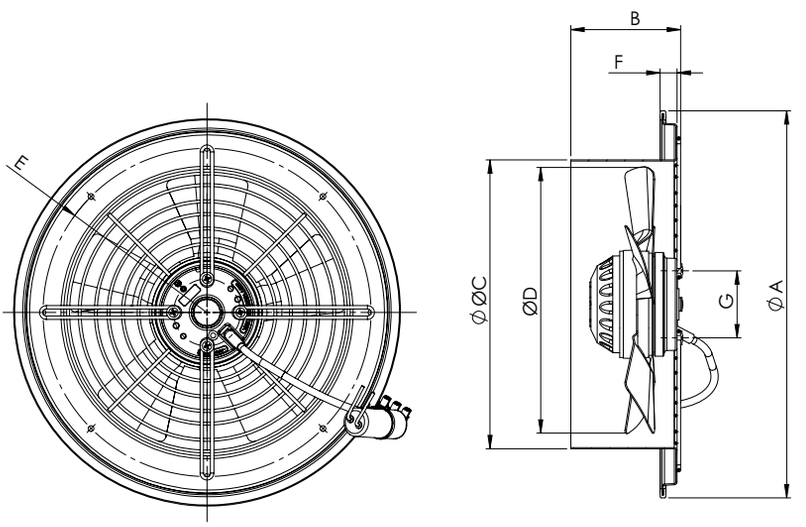
Usage Areas

It is used for exhausting indoor air or for the need for fresh air. It is also used for air circulation by machine manufacturers.

Accessories

BSC

Technical Drawing and Tables

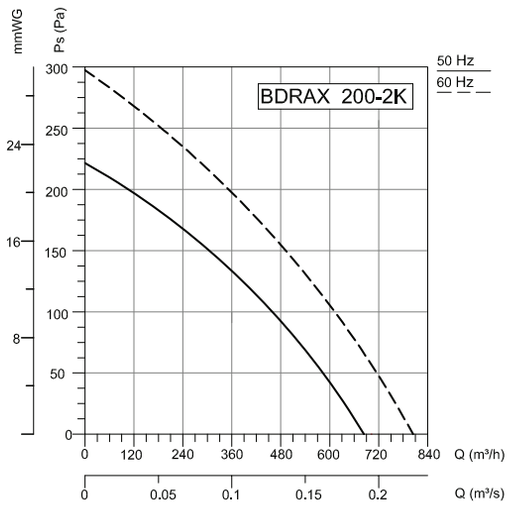


TYPE	A	B	C	D	E	F	G
BDRAX 200-2K	284	95	200	189	229	14	58
BDRAX 200-4K	284	95	200	189	229	14	58
BDRAX 250-2K	335	95	250	238	284	14	58
BDRAX 250-4K	335	95	250	238	284	14	58
BDRAX 300-2K	390	95	300	288	332	14	58
BDRAX 300-4K	390	95	300	288	332	14	58
BDRAX 350-2K	427	100	350	338	398	2	58
BDRAX 350-4K	427	100	350	338	398	2	58

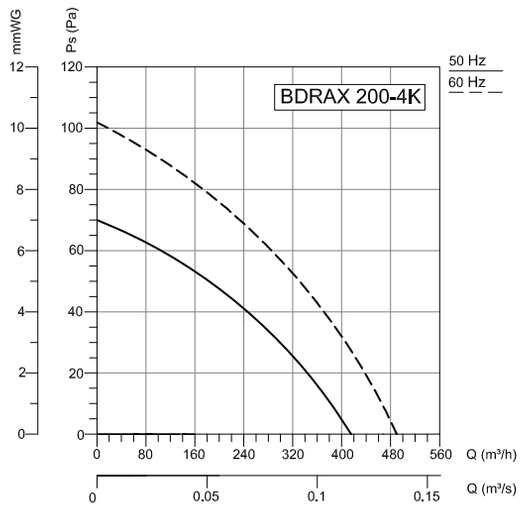
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg
BDRAX 200-2K	230	50/60	63	0,28	2	2750/3200	680/790	50	B	44	2
BDRAX 200-4K	230	50/60	55	0,26	2	1450/1750	407/490	40	B	44	2,2
BDRAX 250-2K	230	50/60	100	0,5	4	2700/3100	1500/1700	55	B	44	2,7
BDRAX 250-4K	230	50/60	55	0,28	1,5	1400/1680	760/910	41	B	44	2,7
BDRAX 300-2K	230	50/60	140/190	0,6/0,85	5	2600/2800	2020/2175	57	B	44	3,5
BDRAX 300-4K	230	50/60	65	0,29	2	1360/1550	1410/1600	47	B	44	3,5
BDRAX 350-2K	230	50/60	200	0,9	5	2050	3110	62	B	44	4,6
BDRAX 350-4K	230	50/60	75/100	0,32/0,45	3	1330/1500	2340/2640	52	B	44	4,6

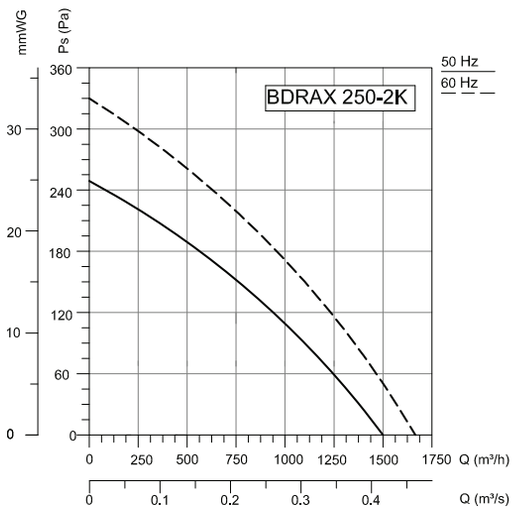
The sound level is measured at a distance of 3 m in open field condition.



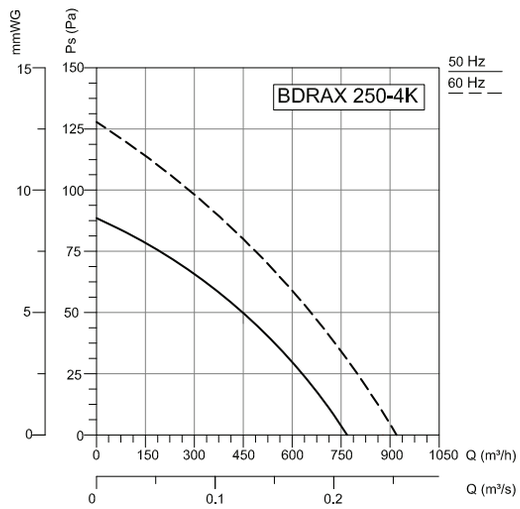
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
SURROUNDING	71	38	43	64	64	65	64	58	50	dB(A)



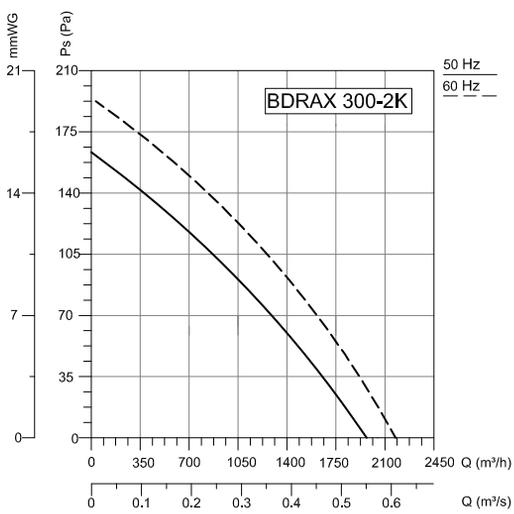
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	61	27	32	54	54	55	54	48	39	dB(A)



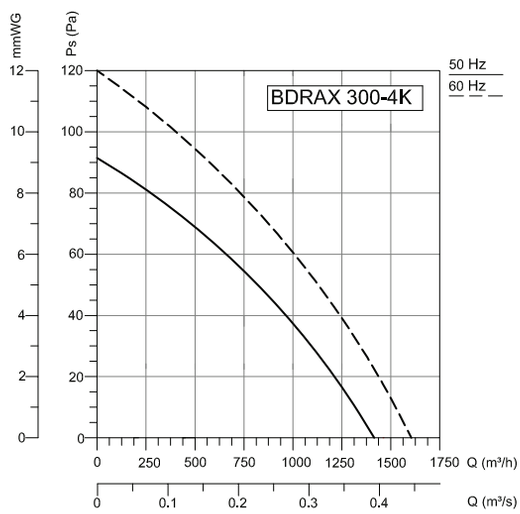
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	76	44	51	66	66	70	71	67	62	dB(A)



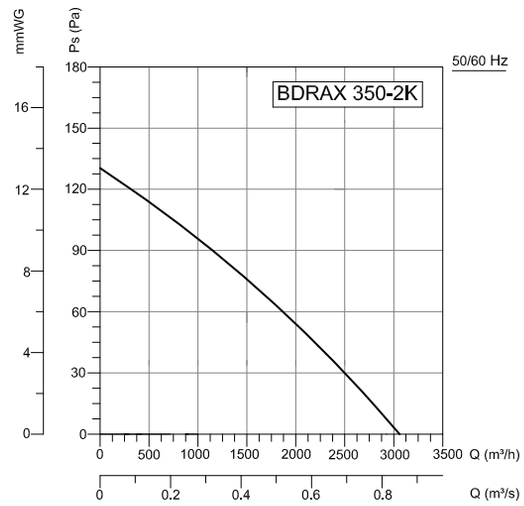
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	62	30	37	52	51	56	57	53	48	dB(A)



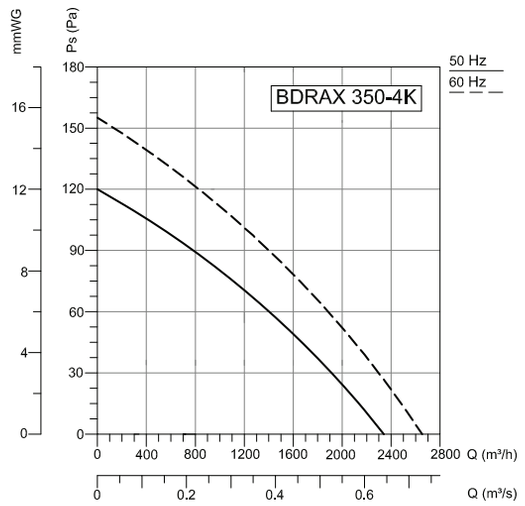
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	78	46	53	68	68	72	73	69	64	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	68	39	51	54	63	63	63	58	48	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	83	48	64	68	74	80	78	73	60	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	73	38	54	58	64	70	68	63	50	dB(A)

BTFM

PRESSURATION FANS / Tube

Fan Components and Material Properties

Cylindrical tube casing, airfoil wing structure and direct coupled motor fans with 3500 m3 / h flow rate of 115000 m3 / h and Ø400 mm -Ø1250 mm 16 models are available in the range options. Body is made of steel with electrostatic powder coating. The motor and fan impeller are connected to the main body by steel carriers. It can be manufactured with foot on request.

Fan Structure

Axial wings are produced in pressurized aluminum casting and airfoil structure. The aerodynamically optimized wings provide high efficiency.

Benefits

It works with low noise levels and is designed to be maintenance-free for long periods of time. Speed can be adjusted with speed control devices. The wings are manufactured at the ideal angle and in the form of wings and provide maximum performance.

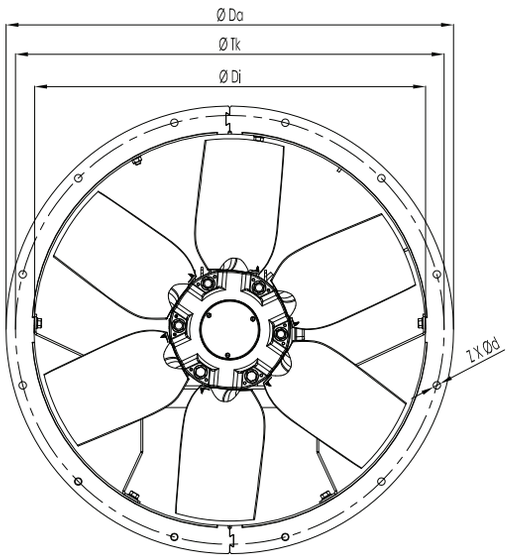
Speed Control

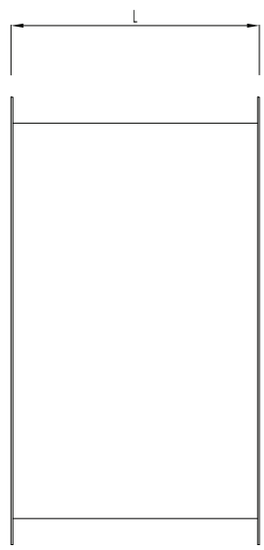
Optional control devices can be provided.
3~phase products can be controlled by frequency inverter (see BSC-F accessory).

Usage Areas

BTFM type axial fans are used for stair pressurization, lift pressurization, ambient pressurization and ambient exhaust applications. They are manufactured from durable metal alloy body by using high efficiency aluminum fins.

Technical Drawing and Tables



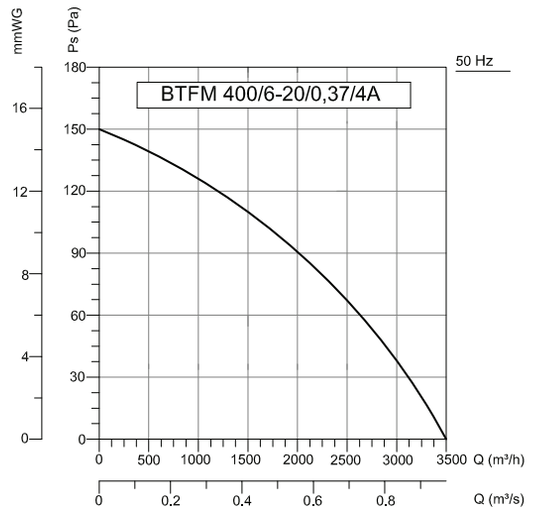


TYPE	ØDi	ØDa	ØTk	ØL	ZXØD
BTFM 400	400	480	450	350	8X12
BTFM 450	450	530	500	350	8X12
BTFM 500	500	590	560	400	12X12
BTFM 560	560	650	620	400	12X12
BTFM 630	630	720	690	400	12X12
BTFM 710	710	800	770	450	16X12
BTFM 800	800	890	860	500	16X12
BTFM 900	900	1005	970	550	16X15
BTFM 1000	1000	1105	1070	700	16X15
BTFM 1250	1250	1390	1320	850	20X15

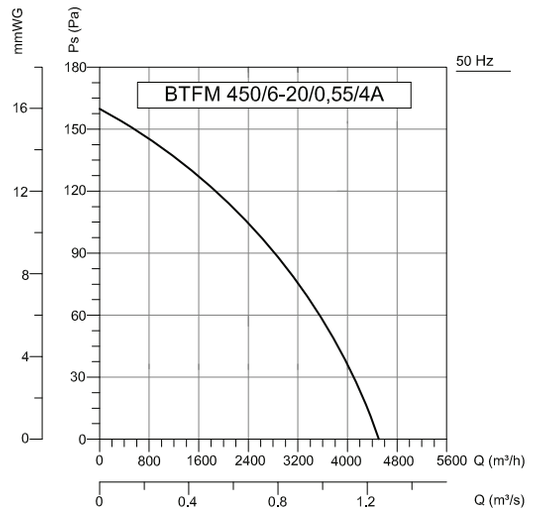
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS
	V	Hz	kW	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP
BTFM 400-M/6-20/0,37/4A	230	50	0,37	2,6	15	1390	3500	60	F	55
BTFM 450-M/6-20/0,55/4A	230	50	0,55	3,3	20	1365	4500	62	F	55
BTFM 500-M/6-20/0,55/4A	230	50	0,55	3,3	20	1365	7000	66	F	55
BTFM 560-M/6-18/0,75/4A	230	50	0,75	4,6	30	1405	10000	63	F	55
BTFM 630-M/6-16/1,1/4A	230	50	1,1	7,1	35	1410	14000	70	F	55
BTFM 710-M/6-14/1,5/4A	230	50	1,5	3,5	50	1410	17500	71	F	55
BTFM 800-M/6-10/2,2/4A	230	50	2,2	13,4	60	1425	23000	74	F	55
BTFM 800-M/6-14/3/4A	230	50	3	19,0	60	1425	25000	76	F	55
BTFM 400-T/6-20/0,37/4A	380	50	0,37	1,2	-	1390	3500	60	F	55
BTFM 450-T/6-20/0,55/4A	380	50	0,55	1,6	-	1365	4500	62	F	55
BTFM 500-T/6-20/0,55/4A	380	50	0,55	1,6	-	1365	7000	66	F	55
BTFM 560-T/6-18/0,75/4A	380	50	0,75	2,1	-	1405	10000	63	F	55
BTFM 630-T/6-16/1,1/4A	380	50	1,1	2,6	-	1410	14000	70	F	55
BTFM 710-T/6-14/1,5/4A	380	50	1,5	3,5	-	1410	17500	71	F	55
BTFM 800-T/6-10/2,2/4A	380	50	2,2	5,0	-	1425	23000	74	F	55
BTFM 800-T/6-14/3/4A	380	50	3	6,6	-	1425	25000	76	F	55
BTFM 900-T/6-12/4/4A	380	50	4	8,4	-	1440	35000	79	F	55
BTFM 900-T/6-16/5,5/4A	380	50	5,5	11,2	-	1465	40000	81	F	55
BTFM 1000-T/6-14/7,5/4A	380	50	7,5	15,4	-	1465	50000	84	F	55
BTFM 1000-T/6-20/11/4A	380	50	11	21,3	-	1465	60000	86	F	55
BTFM 1000-T/6-24/15/4A	380	50	15	29,4	-	1465	70000	87	F	55
BTFM 1000-T/6-28/18,5/4A	380	50	18,5	34,5	-	1470	80000	88	F	55
BTFM 1250-T/6-14/22/4A	380	50	22	42,5	-	1470	100000	94	F	55
BTFM 1250-T/6-20/30/4A	380	50	30	55,0	-	1470	115000	94	F	55

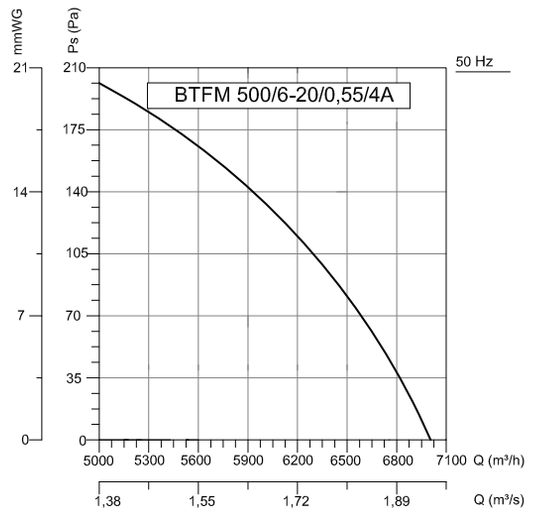
Sound Level Measured from 3m distance in room condition.



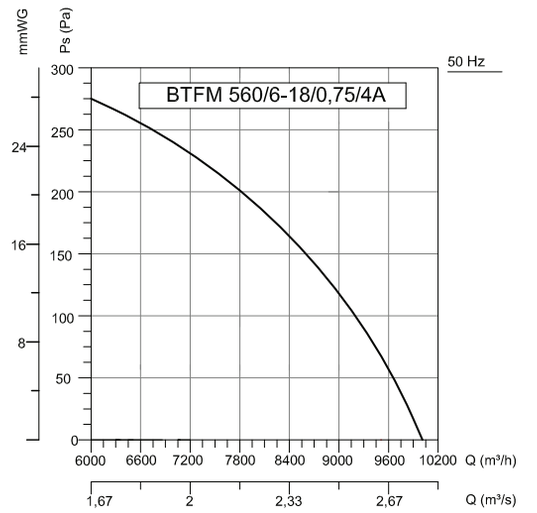
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	78	50	60	68	74	73	70	65	58	dB(A)
L_{wA} In-duct	80	50	63	71	75	75	72	68	62	dB(A)
(3m-Free Field)	60	35	42	51	55	54	53	49	45	dB(A)



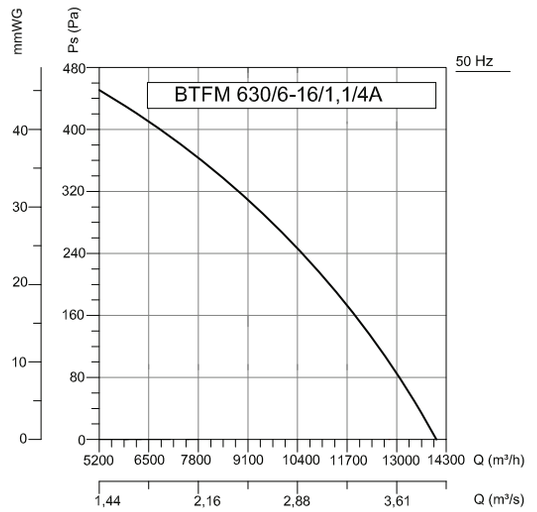
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	80	51	62	70	74	75	73	65	60	dB(A)
L_{wA} In-duct	82	53	64	73	76	77	74	71	65	dB(A)
(3m-Free Field)	62	35	45	52	58	57	54	50	44	dB(A)



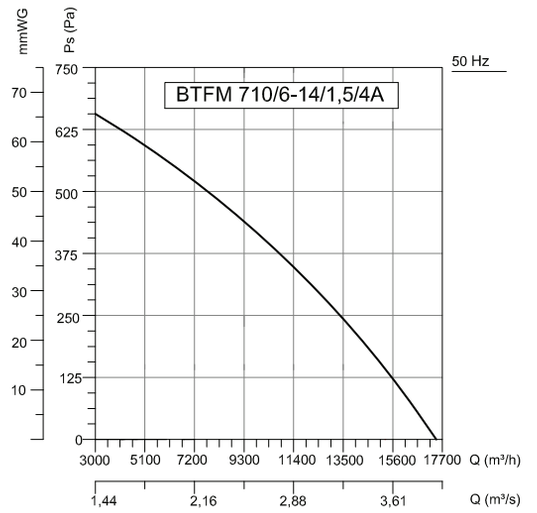
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	83	55	65	74	78	78	76	71	64	dB(A)
L_{wA} In-duct	85	57	67	76	80	80	77	73	66	dB(A)
(3m-Free Field)	66	40	48	56	62	61	58	54	49	dB(A)



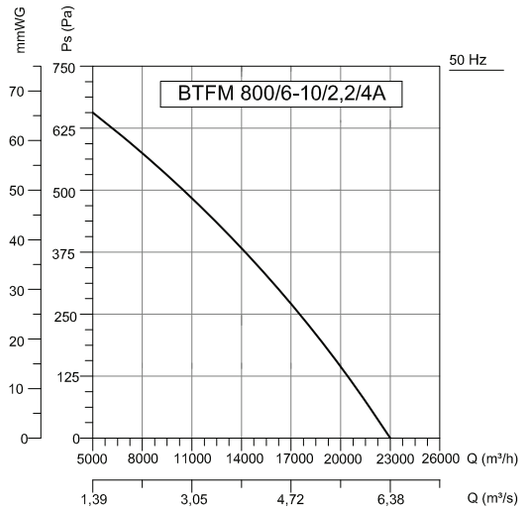
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	81	52	62	71	75	76	73	68	61	dB(A)
L_{wA} In-duct	82	52	64	72	77	77	74	70	63	dB(A)
(3m-Free Field)	63	35	45	43	58	58	55	51	44	dB(A)



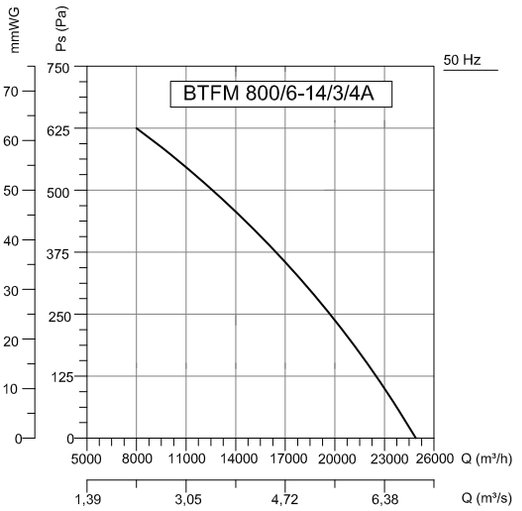
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	88	59	70	79	82	83	79	76	68	dB(A)
L_{wA} In-duct	89	62	71	79	84	84	81	77	70	dB(A)
(3m-Free Field)	70	43	52	61	65	65	63	58	52	dB(A)



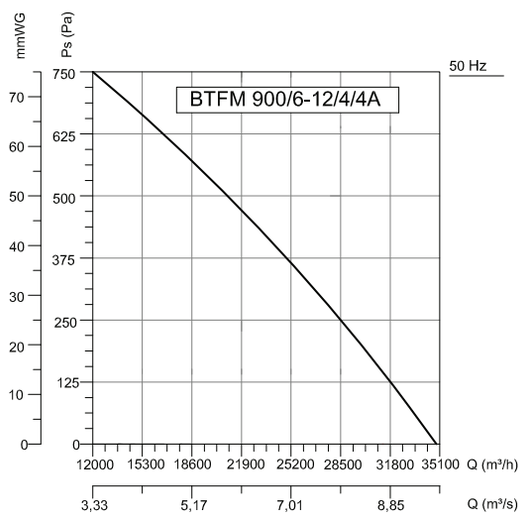
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	88	60	70	78	83	83	80	76	69	dB(A)
L_{wA} In-duct	89	61	71	80	84	84	82	77	70	dB(A)
(3m-Free Field)	71	42	52	61	65	66	63	59	51	dB(A)



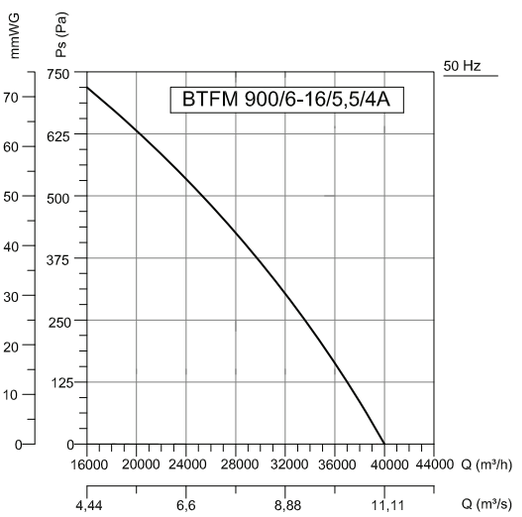
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	91	63	73	82	86	86	83	79	72	dB(A)
L_{wA} In-duct	92	65	74	83	87	87	85	80	74	dB(A)
(3m - Free Field)	74	44	55	64	68	69	66	63	54	dB(A)



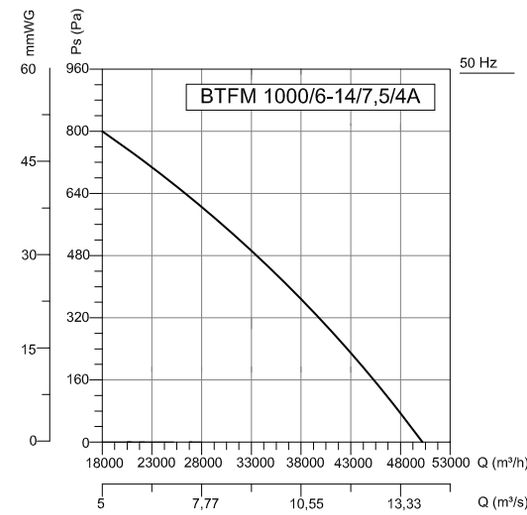
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	93	66	76	84	88	88	86	81	73	dB(A)
L_{wA} In-duct	95	64	75	85	89	90	87	82	74	dB(A)
(3m - Free Field)	76	49	58	66	71	71	68	65	58	dB(A)



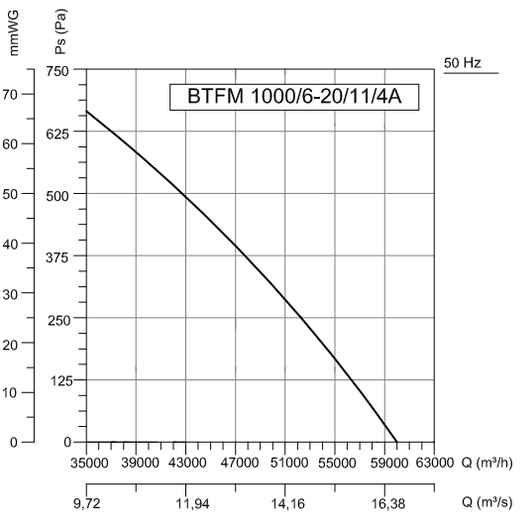
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	96	67	78	87	91	91	89	84	78	dB(A)
L_{wA} In-duct	97	69	79	89	92	92	90	84	77	dB(A)
(3m - Free Field)	79	52	61	69	74	74	71	67	61	dB(A)



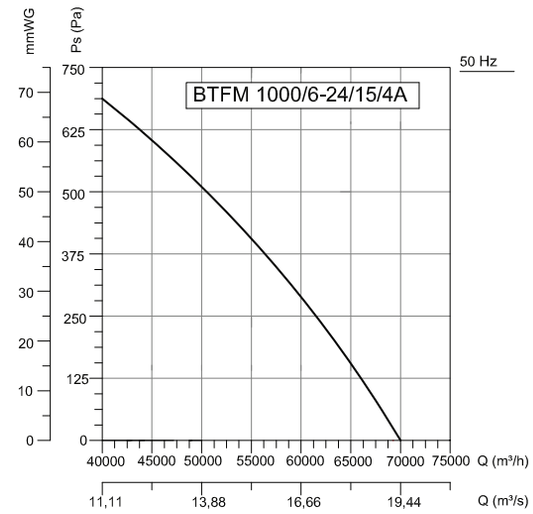
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	98	70	80	89	93	93	91	86	79	dB(A)
L_{wA} In-duct	99	70	88	90	94	94	91	87	79	dB(A)
(3m - Free Field)	81	54	63	71	76	76	73	69	61	dB(A)



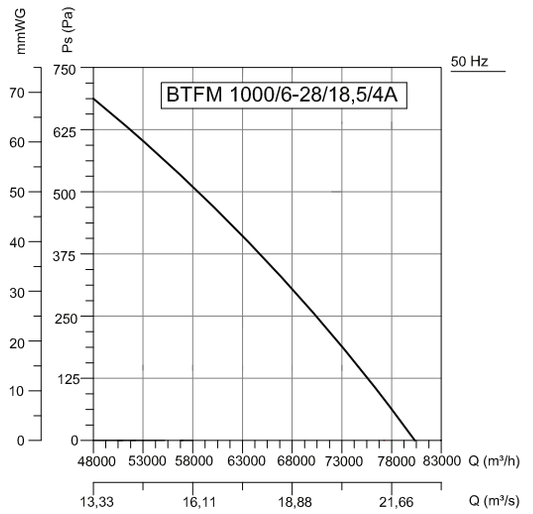
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	102	75	83	92	96	97	93	91	82	dB(A)
L_{wA} In-duct	102	75	84	93	96	97	95	90	82	dB(A)
(3m - Free Field)	84	55	66	74	79	78	76	72	64	dB(A)



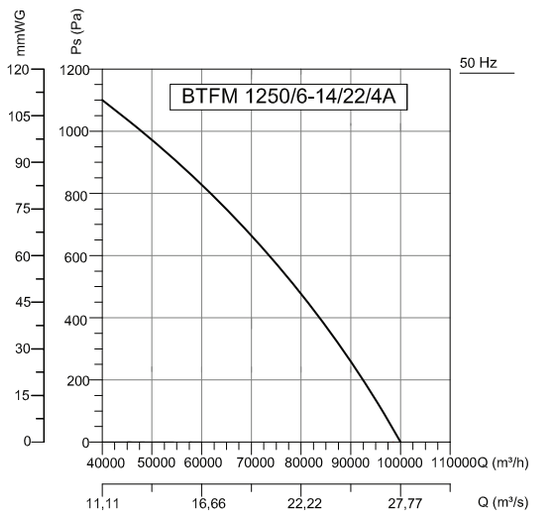
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	103	76	85	94	98	98	96	92	84	dB(A)
L_{wA} In-duct	104	76	86	95	99	98	96	93	85	dB(A)
(3m - Free Field)	86	58	68	76	81	82	78	74	68	dB(A)



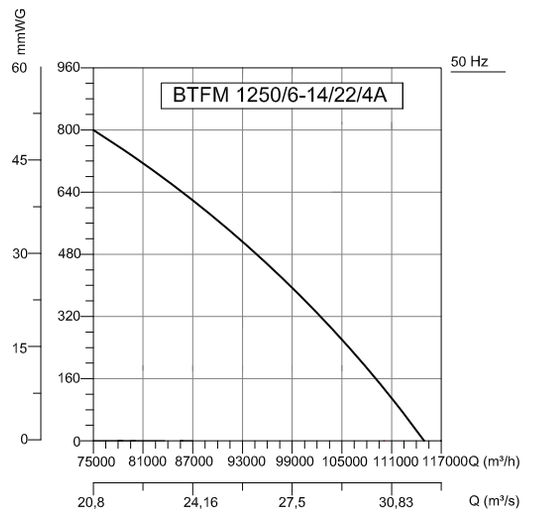
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	105	78	87	95	99	100	97	94	86	dB(A)
L_{wA} In-duct	106	78	87	96	100	101	99	94	85	dB(A)
(3m - Free Field)	87	60	69	78	82	81	79	75	65	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	106	77	88	96	101	101	98	94	86	dB(A)
L_{wA} In-duct	107	78	88	97	101	102	99	95	88	dB(A)
(3m - Free Field)	88	59	70	79	83	84	80	76	69	dB(A)



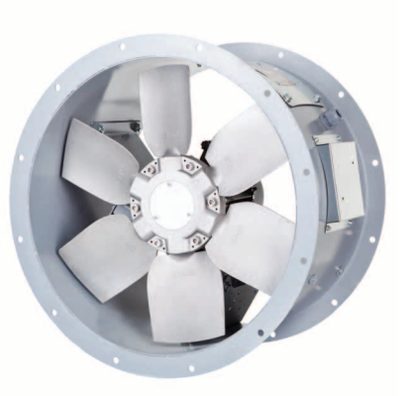
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	112	83	94	102	107	106	104	100	92	dB(A)
L_{wA} In-duct	112	85	94	103	108	107	104	100	93	dB(A)
(3m - Free Field)	94	65	76	86	89	89	87	82	74	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Outlet	112	83	94	102	107	106	104	99	92	dB(A)
L_{wA} In-duct	113	85	94	104	107	108	105	102	93	dB(A)
(3m - Free Field)	94	65	76	85	89	88	87	82	76	dB(A)

Accessories

BSC-F BESB BKFB BSST BTEK BTY BBDD



BTFM-EX

PRESSURATION FANS / Exproof

Fan Components and Material Properties

Cylindrical tube casing, airfoil wing structure and direct coupled motor fans with 3500 m3 / h flow rate of 115000 m3 / h and Ø400 mm -Ø1250 mm 16 models are available in the range options. Body is made of steel with electrostatic powder coating. The motor and fan impeller are connected to the main body by steel carriers. In the case of friction due to the body around the propeller, aluminum sheet is used to prevent sparks. Asynchronous ex-proof motor is used in all models. The motor is out of airflow. It can be manufactured with foot on request.

Fan Structure

Axial wings are produced in pressurized aluminum casting and airfoil structure. The aerodynamically optimized wings provide high efficiency.

Benefits

It works with low noise levels and is designed to be maintenance-free for long periods of time. Speed can be adjusted with speed control devices. The wings are manufactured at the ideal angle and in the form of wings and provide maximum performance.

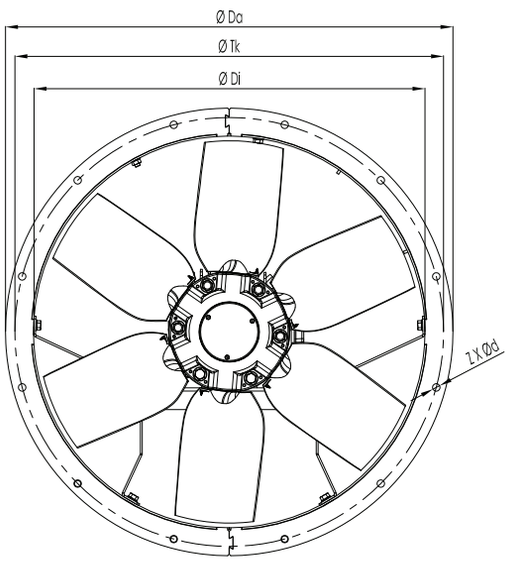
Speed Control

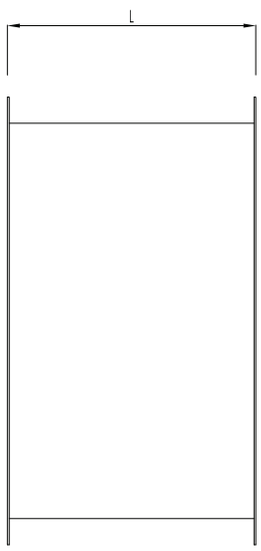
Optional control devices can be provided.
3~phase products with frequency inverter speed control can be done. (see BSC-F accessory)

Usage Areas

Ex-proof fans are one of the preferred fan types for the ventilation of high-risk environments. It is designed to be non-sparking. Usage areas are determined according to the degree of Atex directive.

Technical Drawing and Tables





TYPE	ØDi	ØDa	ØTk	ØL	ZXØD
BTFM 400	400	480	450	350	8X12
BTFM 450	450	530	500	350	8X12
BTFM 500	500	590	560	400	12X12
BTFM 560	560	650	620	400	12X12
BTFM 630	630	720	690	400	12X12
BTFM 710	710	800	770	450	16X12
BTFM 800	800	890	860	500	16X12
BTFM 900	900	1005	970	550	16X15
BTFM 1000	1000	1105	1070	700	16X15
BTFM 1250	1250	1390	1320	850	20X15

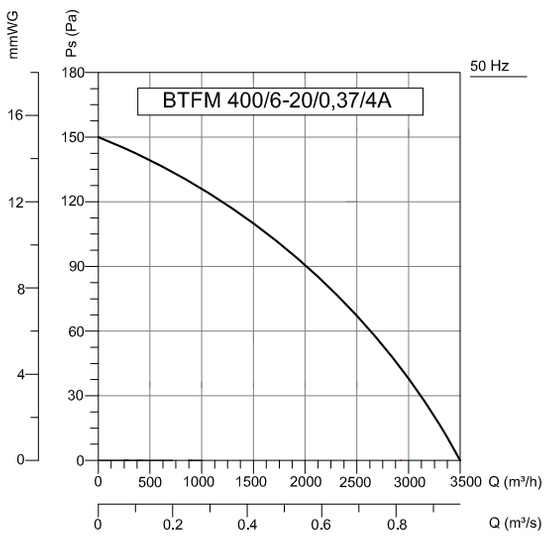
Dimensions are in (mm)

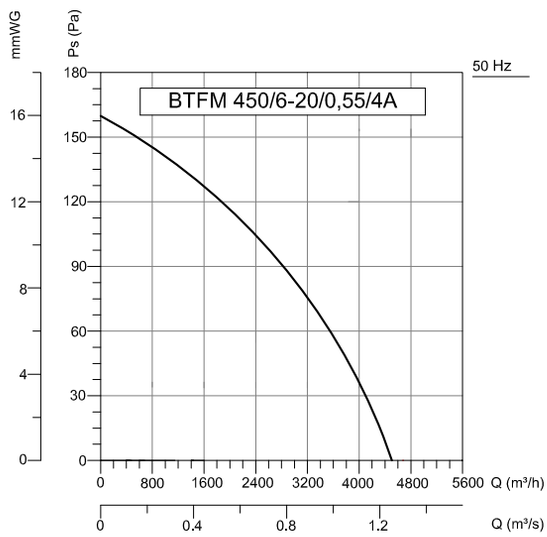
Accessories

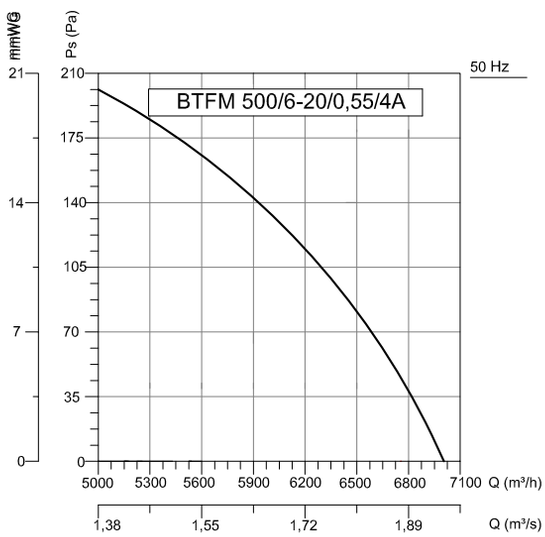
BSC-F BESB BKFB BSST BTEK BTY BBDD

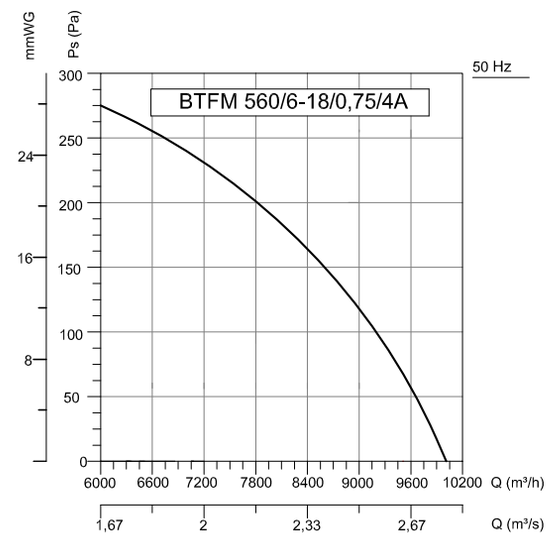
TYPE	VOLTAGE V	FREQUENCY Hz	POWER kW	CURRENT (A)	CAPACITOR (µF)	SPEED r.p.m	AIR FLOW m^3/h	SOUND PRESSURE dB(A)	INSULATION CLASS Ins.cl.	PROTECTION CLASS IP
BTFM 400-T/6-20/EX	380	50	0,37	1,2	-	1390	3500	60	F	55
BTFM 450-T/6-20/EX	380	50	0,55	1,6	-	1365	4500	62	F	55
BTFM 500-T/6-20/EX	380	50	0,55	1,6	-	1365	7000	66	F	55
BTFM 560-T/6-18/EX	380	50	0,75	2,1	-	1405	10000	63	F	55
BTFM 630-T/6-16/EX	380	50	1,1	2,6	-	1410	14000	70	F	55
BTFM 710-T/6-14/EX	380	50	1,5	3,5	-	1410	17500	71	F	55
BTFM 800-T/6-10/EX	380	50	2,2	5,0	-	1425	23000	74	F	55
BTFM 800-T/6-14/EX	380	50	3	6,6	-	1425	25000	76	F	55
BTFM 900-T/6-12/EX	380	50	4	8,4	-	1440	35000	79	F	55
BTFM 900-T/6-16/EX	380	50	5,5	11,2	-	1465	40000	81	F	55
BTFM 1000-T/6-14/EX	380	50	7,5	15,4	-	1465	50000	84	F	55
BTFM 1000-T/6-20/EX	380	50	11	21,3	-	1465	60000	86	F	55
BTFM 1000-T/6-24/EX	380	50	15	29,4	-	1465	70000	87	F	55
BTFM 1000-T/6-28/EX	380	50	18,5	34,5	-	1470	80000	88	F	55
BTFM 1250-T/6-14/EX	380	50	22	42,5	-	1470	100000	94	F	55
BTFM 1250-T/6-20/EX	380	50	30	55,0	-	1470	115000	94	F	55

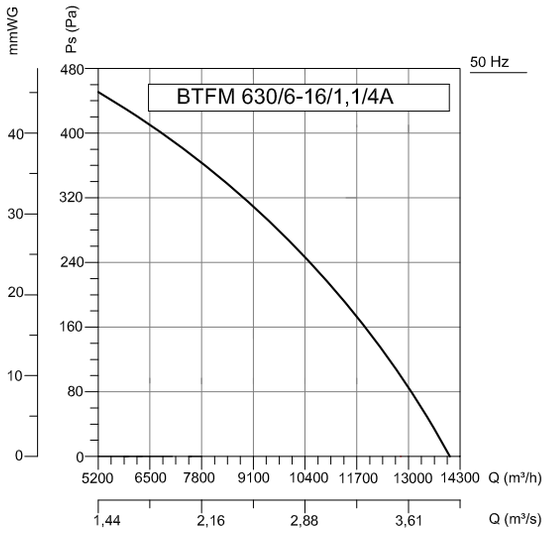
Sound Level Measured from 3m distance in room condition.

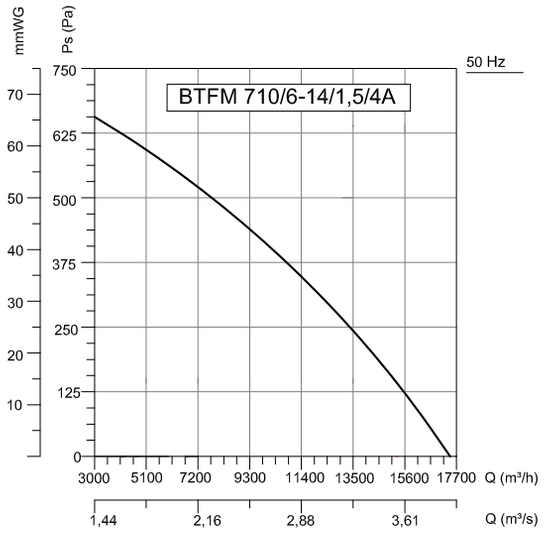


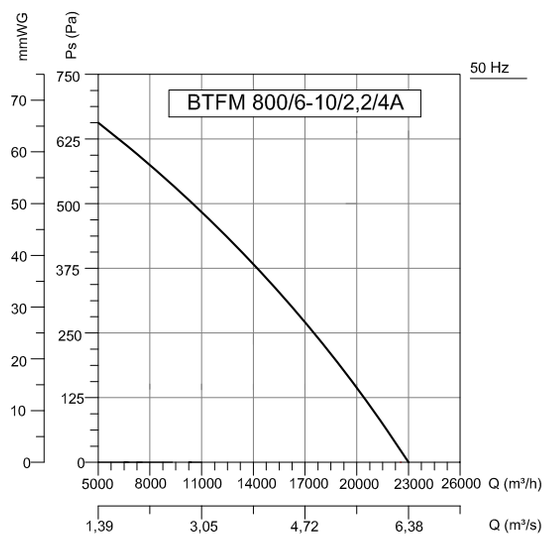


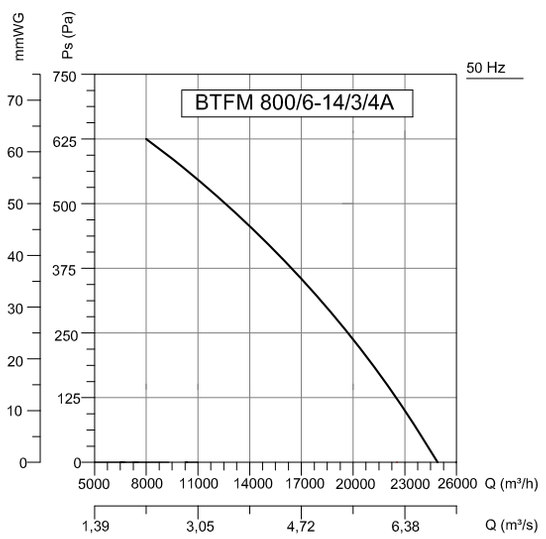


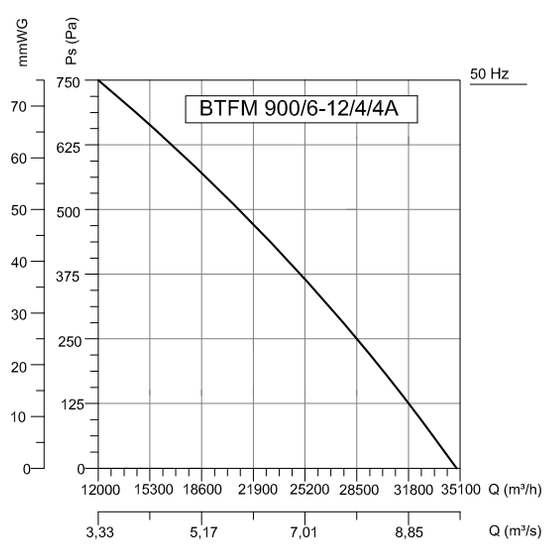


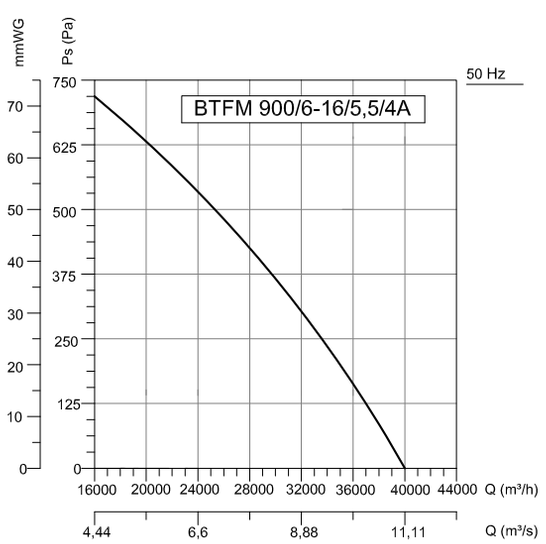

BTFM 630/6-16/1,1/4A
50 Hz
mmWG
Ps (Pa)
480
400
320
240
160
80
0
40
30
20
10
0
5200 6500 7800 9100 10400 11700 13000 14300 Q (m³/h)
1,44 2,16 2,88 3,61 Q (m³/s)

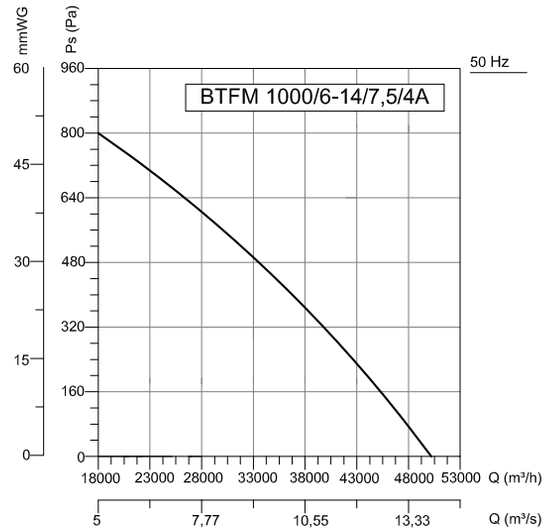

BTFM 710/6-14/1,5/4A
50 Hz
mmWG
Ps (Pa)
750
625
500
375
250
125
0
70
60
50
40
30
20
10
3000 5100 7200 9300 11400 13500 15600 17700 Q (m³/h)
1,44 2,16 2,88 3,61 Q (m³/s)

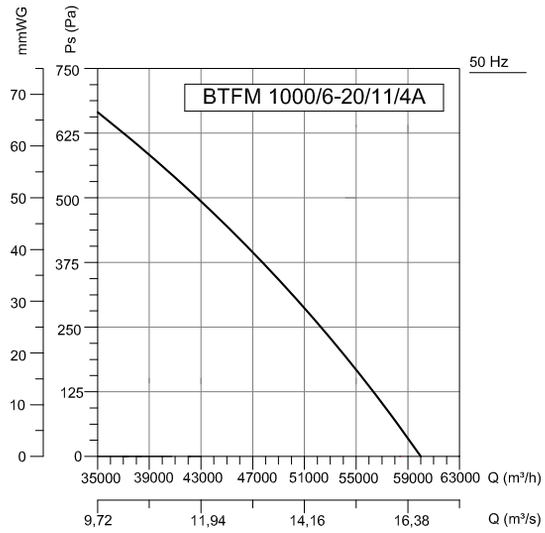

BTFM 800/6-10/2,2/4A
50 Hz
mmWG
Ps (Pa)
750
625
500
375
250
125
0
70
60
50
40
30
20
10
5000 8000 11000 14000 17000 20000 23000 26000 Q (m³/h)
1,39 3,05 4,72 6,38 Q (m³/s)

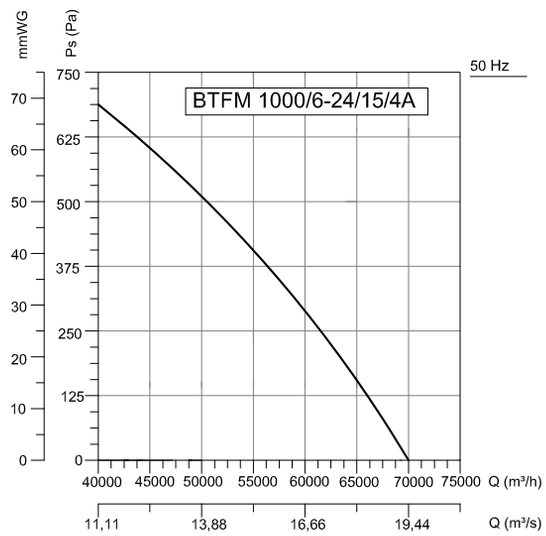

BTFM 800/6-14/3/4A
50 Hz
mmWG
Ps (Pa)
750
625
500
375
250
125
0
70
60
50
40
30
20
10
5000 8000 11000 14000 17000 20000 23000 26000 Q (m³/h)
1,39 3,05 4,72 6,38 Q (m³/s)


BTFM 900/6-12/4/4A
50 Hz
mmWG
Ps (Pa)
750
625
500
375
250
125
0
70
60
50
40
30
20
10
12000 15300 18600 21900 25200 28500 31800 35100 Q (m³/h)
3,33 5,17 7,01 8,85 Q (m³/s)


BTFM 900/6-16/5,5/4A
50 Hz
mmWG
Ps (Pa)
750
625
500
375
250
125
0
70
60
50
40
30
20
10
16000 20000 24000 28000 32000 36000 40000 44000 Q (m³/h)
4,44 6,6 8,88 11,11 Q (m³/s)


BTFM 1000/6-14/7,5/4A
50 Hz
mmWG
Ps (Pa)
60 45 30 15 0
960 800 640 480 320 160 0
18000 23000 28000 33000 38000 43000 48000 53000 Q (m³/h)
5 7,77 10,55 13,33 Q (m³/s)


BTFM 1000/6-20/11/4A
50 Hz
mmWG
Ps (Pa)
70 60 50 40 30 20 10 0
750 625 500 375 250 125 0
35000 39000 43000 47000 51000 55000 59000 63000 Q (m³/h)
9,72 11,94 14,16 16,38 Q (m³/s)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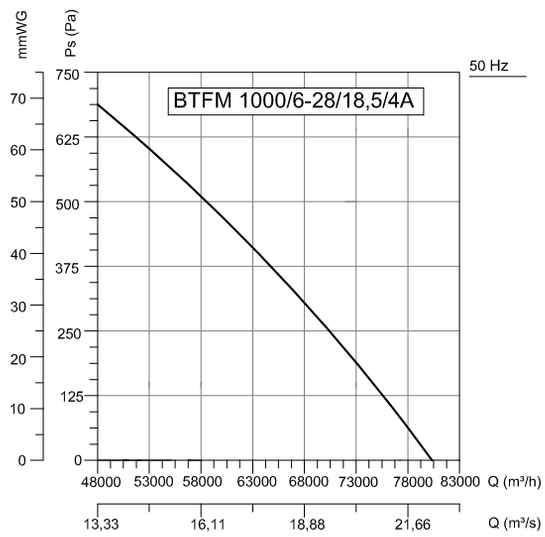
50 Hz
mmWG
Ps (Pa)
70 60 50 40 30 20 10 0
750 625 500 375 250 125 0
40000 45000 50000 55000 60000 65000 70000 75000 Q (m³/h)
11,11 13,88 16,66 19,44 Q (m³/s)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50 Hz
mmWG
Ps (Pa)
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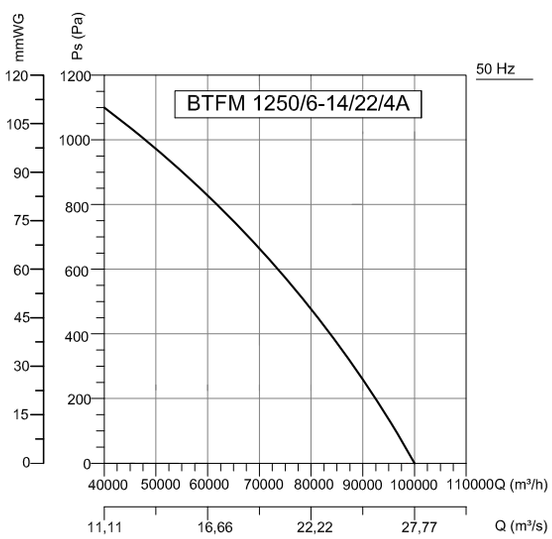
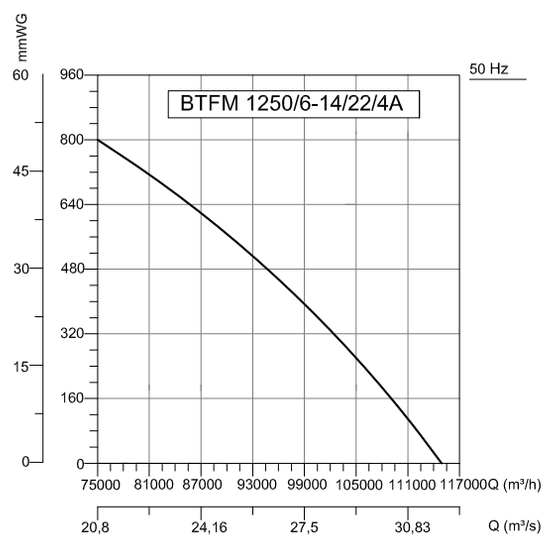
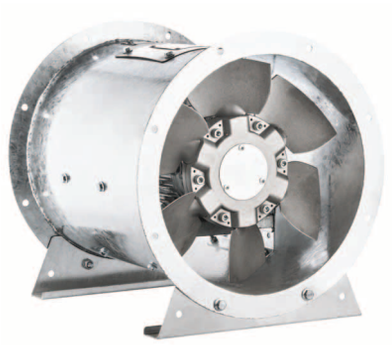
750 625 500 375 250 125 0
48000 53000 58000 63000 68000 73000 78000 83000 Q (m³/h)
13,33 16,11 18,88 21,66 Q (m³/s)


BTFM 1250/6-14/22/4A
50 Hz
mmWG
Ps (Pa)
120 105 90 75 60 45 30 15 0
1200 1000 800 600 400 200 0
40000 50000 60000 70000 80000 90000 100000 110000 Q (m³/h)
11,11 16,66 22,22 27,77 Q (m³/s)


BTFM 1250/6-14/22/4A
50 Hz
mmWG
Ps (Pa)
60 45 30 15 0
960 800 640 480 320 160 0
75000 81000 87000 93000 99000 105000 111000 117000 Q (m³/h)
20,8 24,16 27,5 30,83 Q (m³/s)



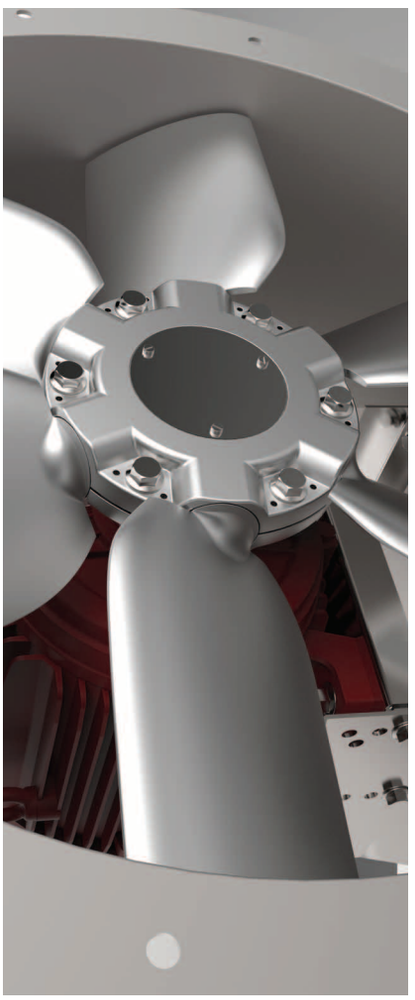
ARMO-A

PRESSURATION FANS / Tube Axial

Axial tube fans are used in pressurization fan, fresh air fan and smoke exhaust fan applications. The fan sleeve is fire resistant and designed according to the noise standard. Smoke evacuation fans are fire resistant. Smoke discharge fans can be installed vertically and horizontally according to the characteristics of the structure.

General Features

EN 12101-3 and CE certificates. 2 hours continuous operation at 400 C and 300 C. There is a wide product range from 400 mm to 1250 mm.



Rotor Features

Fire resistant aluminum alloy casting blades and fan hub. It is capable of one-way and two-way operation. The blades are specially designed according to each direction type. There is no aerodynamic loss in the case of reversible wing type operation. Wings are airfoil and provide high aerodynamic performance in both unidirectional and bidirectional vanes. Wing angles are adjustable. In this way, smoke discharge fans can be demanded at different flow rates and pressures. The fan part of the fan is balanced dynamically to ISO 1940 and there is no eccentricity during the operation of the fan.

Body Features

Fan body is steel sheet. Body is hot dip galvanized and corrosion resistant. It has short type body and long type body types.

Motor Features

Offers 2.4 and 6-pole motors. The motors are IP 55 class and Class-H insulated. All electric motor models are approved for continuous operation (S1) and Emergency operation (S2).

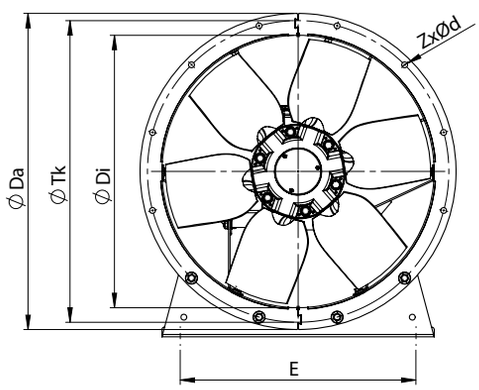
Ease of Maintenance

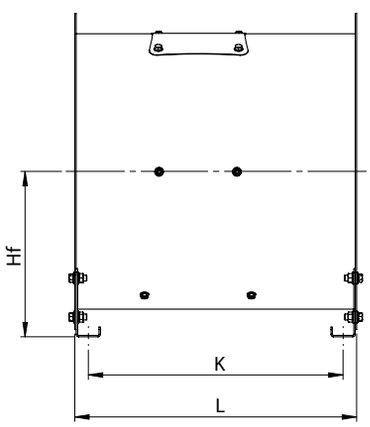
A maintenance cover is provided to ensure easy maintenance.

Usage Areas

They are the fans that provide the combustion of toxic gases that are supplied by the jet fans to the external environment. Axial fans are used in pressurization fan, fresh air fan and smoke exhaust fan applications.

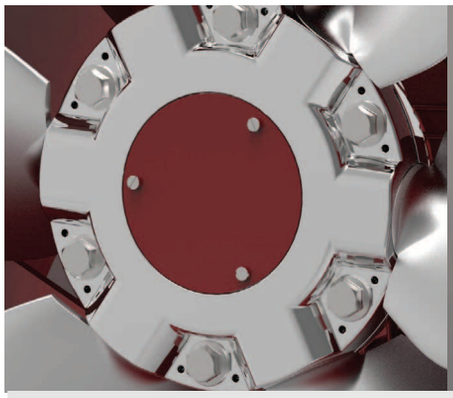
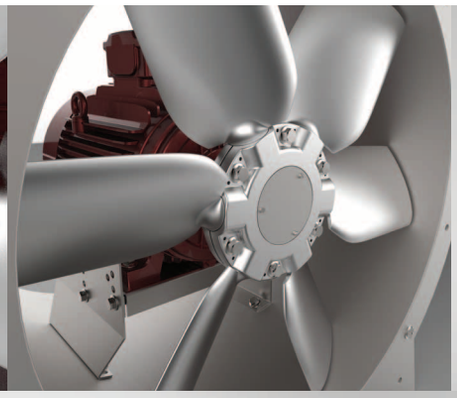
Technical Drawing and Tables

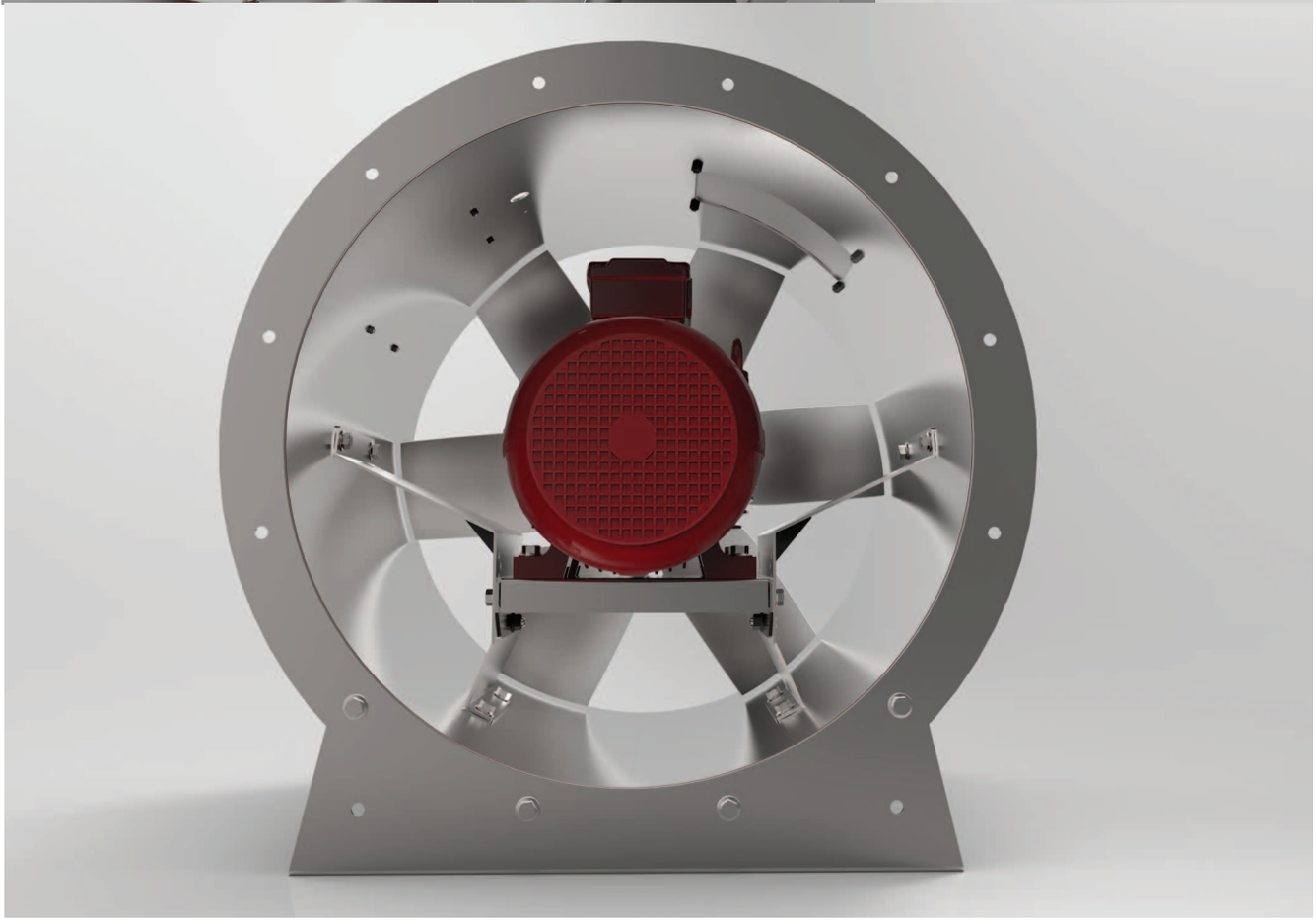




TYPE	ØDİ	ØDa	ØTk	ZXØd	L	Hf	K	E
ARMO-A 400	400	480	450	8XØ12	474	255	420	335
ARMO-A 450	450	530	500	8XØ12	474	280	420	385
ARMO-A 500	500	590	560	12XØ12	580	310	524	425
ARMO-A 560	560	650	620	12XØ12	580	340	524	485
ARMO-A 630	630	720	690	12XØ12	600	375	544	555
ARMO-A 710	710	800	770	16XØ12	600	420	544	595
ARMO-A 800	800	890	860	16XØ12	700	470	634	625
ARMO-A 900	900	1005	970	16XØ15	775	527	697	675
ARMO-A 1000	1000	1105	1070	16XØ15	850	577	772	775
ARMO-A 1250	1250	1390	1320	20XØ15	949	720	861	950

Dimensions are in (mm)



2 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-A / 400-6 / 0,75 - 2A	2900	400	0,75	1,6	5250	16°
ARMO-A / 400-6 / 1,1 - 2A	2900	400	1,1	2,3	6904	22°
ARMO-A / 400-6 / 1,5 - 2A	2900	400	1,5	3,4	8978	30°
ARMO-A / 400-6 / 2,2 - 2A	2900	400	2,2	4,48	9975	34°
ARMO-A / 450-6 / 1,1 - 2A	2900	450	1,1	2,3	6248	10°
ARMO-A / 450-6 / 1,5 - 2A	2900	450	1,5	3,4	8610	16°
ARMO-A / 450-6 / 2,2 - 2A	2900	450	2,2	4,48	11970	24°
ARMO-A / 450-6 / 3 - 2A	2900	450	3	6	13545	28°
ARMO-A / 500-6 / 2,2 - 2A	2900	500	2,2	4,48	11000	14°
ARMO-A / 500-6 / 3 - 2A	2900	500	3	6	14595	20°
ARMO-A / 500-6 / 4 - 2A	2900	500	4	7,4	17325	26°
ARMO-A / 500-6 / 5,5 - 2A	2900	500	5,5	11	18375	28°
ARMO-A / 560-6 / 4 - 2A	2900	560	4	7,4	17850	14°
ARMO-A / 560-6 / 5,5 - 2A	2900	560	5,5	11	22313	20°
ARMO-A / 560-6 / 7,5 - 2A	2800	560	7,5	13,6	25725	24°
ARMO-A / 630-6 / 5,5 - 2A	2900	630	5,5	11	20475	10°
ARMO-A / 630-6 / 7,5 - 2A	2800	630	7,5	13,6	27300	16°

Sound Level Measured from 3m distance in room condition.

4 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-A / 500-6 / 0,55 - 4A	1415	500	0,55	1,6	8715	26
ARMO-A / 500-6 / 0,75 - 4A	1350	500	0,75	2,1	10290	32
ARMO-A / 500-6 / 1,1 - 4A	1400	500	1,1	2,6	12600	38
ARMO-A / 560-6 / 0,55 - 4A	1415	560	0,55	1,6	9870	16
ARMO-A / 560-6 / 0,75 - 4A	1350	560	0,75	2,1	12075	22
ARMO-A / 560-6 / 1,1 - 4A	1400	560	1,1	2,6	13860	26
ARMO-A / 560-6 / 1,5 - 4A	1405	560	1,5	3,5	15750	32
ARMO-A / 560-6 / 2,2 - 4A	1410	560	2,2	5	17850	38
ARMO-A / 630-6 / 0,75 - 4A	1350	630	0,75	2,1	10605	10
ARMO-A / 630-6 / 1,1 - 4A	1400	630	1,1	2,6	16275	20
ARMO-A / 630-6 / 1,5 - 4A	1405	630	1,5	3,5	18375	24
ARMO-A / 630-6 / 2,2 - 4A	1410	630	2,2	5	21525	30
ARMO-A / 630-6 / 3 - 4A	1410	630	3	6,6	24150	36
ARMO-A / 630-6 / 4 - 4A	1500	630	4	8,2	25200	38
ARMO-A / 710-3 / 0,75- 4A	1350	710	0,75	2,1	14175	10
ARMO-A / 710-3 / 1,1 - 4A	1400	710	1,1	2,6	18375	16
ARMO-A / 710-3 / 1,5 - 4A	1405	710	1,5	3,5	21000	20
ARMO-A / 710-3 / 2,2 - 4A	1410	710	2,2	5	24413	26
ARMO-A / 710-3 / 3 - 4A	1410	710	3	6,6	27825	32
ARMO-A / 710-6 / 1,1 - 4A	1400	710	1,1	2,6	16275	12
ARMO-A / 710-6 / 1,5 - 4A	1405	710	1,5	3,5	20475	18
ARMO-A / 710-6 / 2,2 - 4A	1410	710	2,2	5	23625	22
ARMO-A / 710-6 / 3 - 4A	1410	710	3	6,6	28350	28
ARMO-A / 710-6 / 4 - 4A	1415	710	4	8,2	31500	32
ARMO-A / 800-6 / 2,2 - 4A	1410	800	2,2	5	24150	14
ARMO-A / 800-6 / 3 - 4A	1410	800	3	6,6	30450	20
ARMO-A / 800-6 / 4 - 4A	1415	800	4	8,2	32550	22
ARMO-A / 800-6 / 5,5 - 4A	1430	800	5,5	11,2	38850	28
ARMO-A / 800-6 / 7,5 - 4A	1440	800	7,5	15,4	42525	32
ARMO-A / 800-9 / 2,2 - 4A	1410	800	2,2	5	16275	10
ARMO-A / 800-9 / 3 - 4A	1410	800	3	6,6	21525	14
ARMO-A / 800-9 / 4 - 4A	1415	800	4	8,2	29400	20
ARMO-A / 800-9 / 5,5 - 4A	1430	800	5,5	11,2	36488	26
ARMO-A / 800-9 / 7,5 - 4A	1440	800	7,5	15,4	40950	30
ARMO-A / 800-9 / 11 - 4A	1450	800	11	21	43050	32
ARMO-A / 900-6 / 4 - 4A	1415	900	4	8,2	31500	12
ARMO-A / 900-6 / 5,5 - 4A	1430	900	5,5	11,2	38850	16
ARMO-A / 900-6 / 7,5 - 4A	1440	900	7,5	15,4	47775	22
ARMO-A / 900-6 / 11 - 4A	1450	900	11	21	56700	28
ARMO-A / 900-6 / 15 - 4A	1450	900	15	29,3	60900	32
ARMO-A / 900-9 / 4 - 4A	1415	900	4	8,2	26775	10
ARMO-A / 900-9 / 5,5 - 4A	1430	900	5,5	11,2	34125	14
ARMO-A / 900-9 / 7,5 - 4A	1440	900	7,5	15,4	41213	18
ARMO-A / 900-9 / 11 - 4A	1450	900	11	21	54600	26
ARMO-A / 900-9 / 15 - 4A	1450	900	15	29,3	63525	32
ARMO-A / 1000-6 / 5,5 - 4A	1430	1000	5,5	11,2	38850	12
ARMO-A / 1000-6 / 7,5 - 4A	1440	1000	7,5	15,4	47775	18
ARMO-A / 1000-6 / 11 - 4A	1450	1000	11	21	56700	22
ARMO-A / 1000-6 / 15 - 4A	1450	1000	15	29,3	60900	28
ARMO-A / 1000-6 / 18,5 - 4A	1455	1000	18,5	34,5	56700	32
ARMO-A / 1000-9 / 7,5 - 4A	1440	1000	7,5	15,4	43050	12
ARMO-A / 1000-9 / 11 - 4A	1450	1000	11	21	55650	18
ARMO-A / 1000-9 / 15 - 4A	1450	1000	15	29,3	69300	24
ARMO-A / 1000-9 / 18,5 - 4A	1455	1000	18,5	34,5	77700	28
ARMO-A / 1000-9 / 22 - 4A	1460	1000	22	42,5	81900	30
ARMO-A / 1000-9 / 30 - 4A	1460	1000	30	55	86100	32
ARMO-A / 1250-6 / 15 - 4A	1450	1250	15	29,3	90300	12
ARMO-A / 1250-6 / 18,5 - 4A	1455	1250	18,5	34,5	103950	16
ARMO-A / 1250-6 / 22 - 4A	1460	1250	22	42,5	109725	18
ARMO-A / 1250-6 / 30 - 4A	1460	1250	30	55	122850	22
ARMO-A / 1250-6 / 37 - 4A	1470	1250	37	67	136500	26
ARMO-A / 1250-6 / 45 - 4A	1475	1250	45	80	155400	32
ARMO-A / 1250-9 / 18,5 - 4A	1455	1250	18,5	34,5	89250	12
ARMO-A / 1250-9 / 22 - 4A	1460	1250	22	42,5	97650	14
ARMO-A / 1250-9 / 30 - 4A	1460	1250	30	55	114975	18
ARMO-A / 1250-9 / 37 - 4A	1470	1250	37	67	131250	22
ARMO-A / 1250-9 / 45 - 4A	1475	1250	45	80	138600	24

6 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-A / 500-6 / 0,37 - 6A	900	500	0,37	1,1	8400	38
ARMO-A / 560-6 / 0,37 - 6A	900	560	0,37	1,1	10500	32
ARMO-A / 560-6 / 0,55 - 6A	930	560	0,55	1,5	11760	38
ARMO-A / 630-6 / 0,37 - 6A	900	630	0,37	1,1	11576	22
ARMO-A / 630-6 / 0,55 - 6A	930	630	0,55	1,5	13650	28
ARMO-A / 630-6 / 0,75 - 6A	945	630	0,75	2	14963	32
ARMO-A / 630-6 / 1,1 - 6A	945	630	1,1	2,9	16800	38
ARMO-A / 710-3 / 0,37 - 6A	900	710	0,37	1,1	13125	18
ARMO-A / 710-3 / 0,55 - 6A	930	710	0,55	1,5	16538	26
ARMO-A / 710-3 / 0,75 - 6A	945	710	0,75	2	18900	32
ARMO-A / 710-6 / 1,1 - 6A	945	710	1,1	2,9	11025	12
ARMO-A / 710-6 / 1,5 - 6A	945	710	1,5	3,6	13000	16
ARMO-A / 710-6 / 2,2 - 6A	950	710	2,2	5,4	13750	22
ARMO-A / 710-6 / 3 - 6A	950	710	3	6,9	18900	28
ARMO-A / 710-6 / 4 - 6A	955	710	4	9	21000	32
ARMO-A / 800-6 / 0,55 - 6A	930	800	0,55		13125	10
ARMO-A / 800-6 / 1,1 - 6A	945	800	1,1	2,9	22050	22
ARMO-A / 800-6 / 1,5 - 6A	945	800	1,5	3,6	25200	26
ARMO-A / 800-6 / 2,2 - 6A	950	800	2,2	5,4	28350	32
ARMO-A / 800-9 / 0,75 - 6A	945	800	0,75	2	14700	14
ARMO-A / 800-9 / 1,1 - 6A	945	800	1,1	2,9	19950	20
ARMO-A / 800-9 / 1,5 - 6A	945	800	1,5	3,6	23100	24
ARMO-A / 800-9 / 2,2 - 6A	950	800	2,2	5,4	27300	30
ARMO-A / 800-9 / 3 - 6A	950	800	3	6,9	28350	32
ARMO-A / 900-6 / 1,1 - 6A	945	900	1,1	2,9	23100	14
ARMO-A / 900-6 / 1,5 - 6A	945	900	1,5	3,6	25200	16
ARMO-A / 900-6 / 2,2 - 6A	950	900	2,2	5,4	31500	22
ARMO-A / 900-6 / 3 - 6A	950	900	3	6,9	36750	28
ARMO-A / 900-6 / 4 - 6A	955	900	4	9	40950	32
ARMO-A / 900-9 / 1,5 - 6A	945	900	1,5	3,6	23100	14
ARMO-A / 900-9 / 2,2 - 6A	950	900	2,2	5,4	27300	20
ARMO-A / 900-9 / 3 - 6A	950	900	3	6,9	35700	24
ARMO-A / 900-9 / 4 - 6A	955	900	4	9	39900	30
ARMO-A / 900-9 / 5,5 - 6A	985	900	5,5	12,3	43050	32
ARMO-A / 1000-6 / 1,5- 6A	945	1000	1,5	3,6	26250	10
ARMO-A / 1000-6 / 2,2- 6A	950	1000	2,2	5,4	34650	16
ARMO-A / 1000-6 / 3 - 6A	950	1000	3	6,9	44100	22
ARMO-A / 1000-6 / 4 - 6A	955	1000	4	9	49350	26
ARMO-A / 1000-6 / 5,5 - 6A	985	1000	5,5	12,3	55650	32
ARMO-A / 1000-9 / 2,2- 6A	950	1000	2,2	5,4	32550	14
ARMO-A / 1000-9 / 3 - 6A	950	1000	3	6,9	39900	20
ARMO-A / 1000-9 / 4 - 6A	955	1000	4	9	43050	22
ARMO-A / 1000-9 / 5,5 - 6A	985	1000	5,5	12,3	52500	28
ARMO-A / 1000-9 / 7,5 - 6A	960	1000	5,5	15	57750	32
ARMO-A / 1250-6 / 4 - 6A	955	1250	4	9	60900	12
ARMO-A / 1250-6 / 5,5 - 6A	985	1250	5,5	12,3	63300	16
ARMO-A / 1250-6 / 7,5 - 6A	960	1250	7,5	15	76650	20
ARMO-A / 1250-6 / 11 - 6A	960	1250	11	22	92400	26
ARMO-A / 1250-6 / 15 - 6A	965	1250	15	29	105000	32
ARMO-A / 1250-9 / 7,5 - 6A	960	1250	7,5	15	73500	16
ARMO-A / 1250-9 / 11 - 6A	960	1250	11	22	88200	22
ARMO-A / 1250-9 / 15 - 6A	965	1250	15	29	105000	28
ARMO-A / 1250-9 / 18,5 - 6A	970	1250	18,5	36,5	115500	32

Accessories


BSC-F


BESB


BKFB

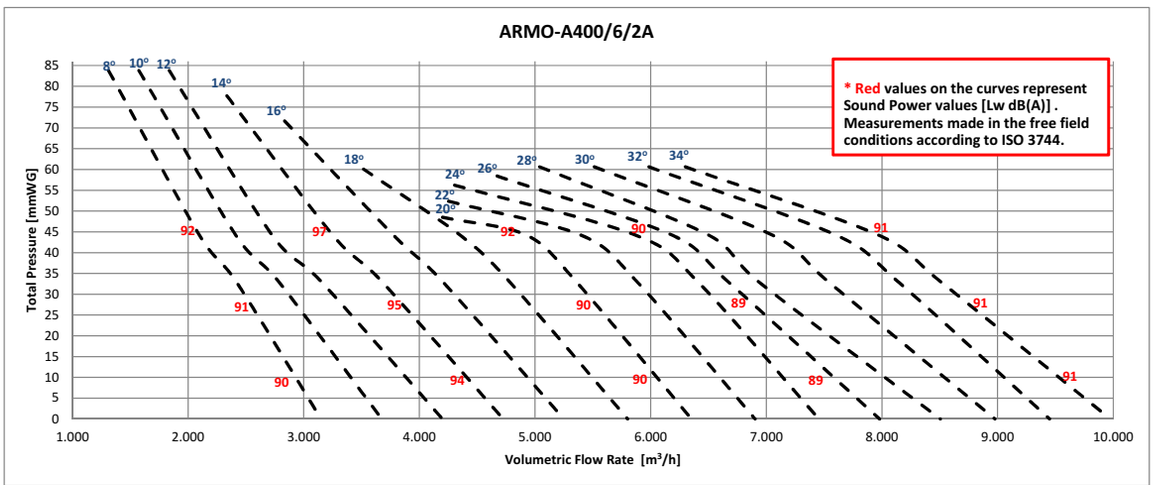

BSST

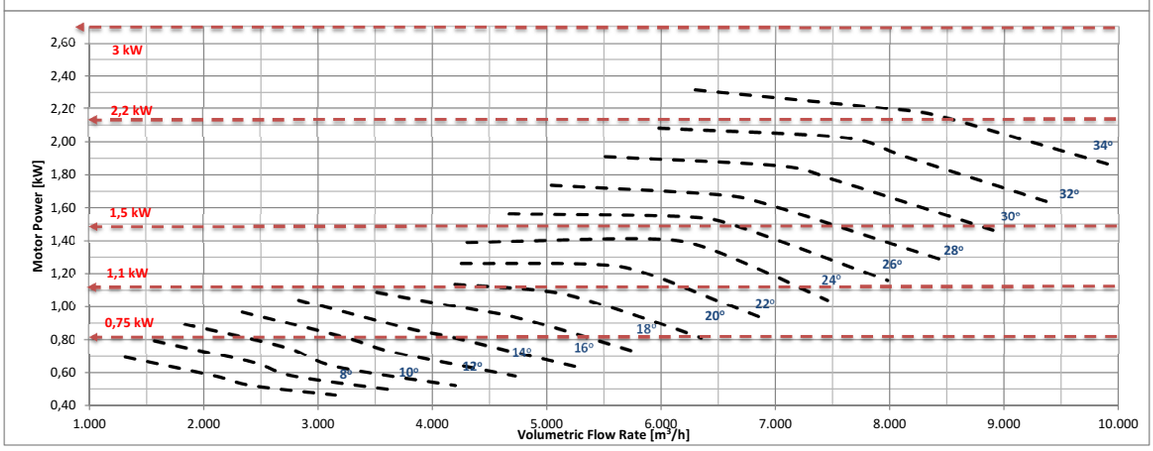

BTEK


BTY


BBDD

ARMO-A400/6/2A





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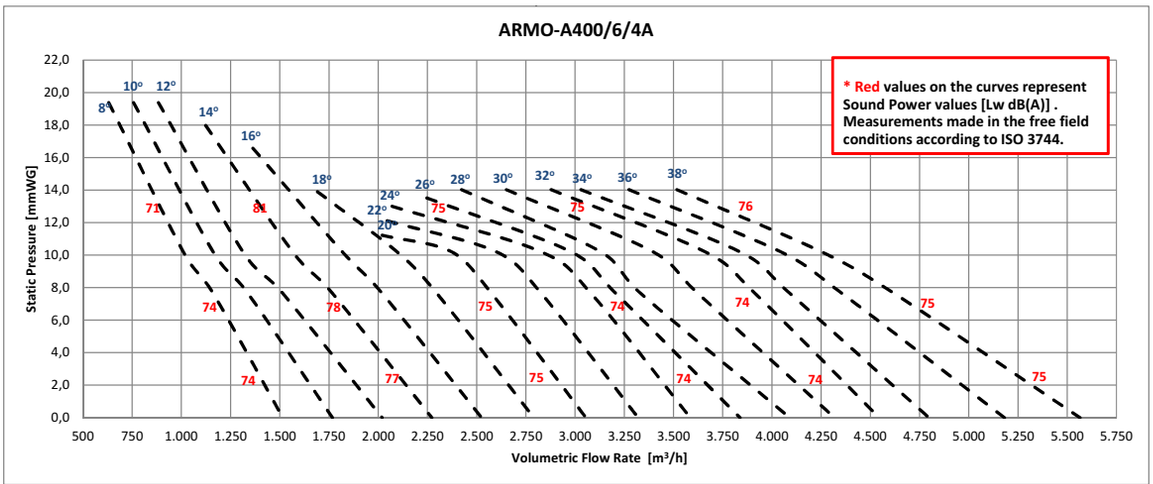
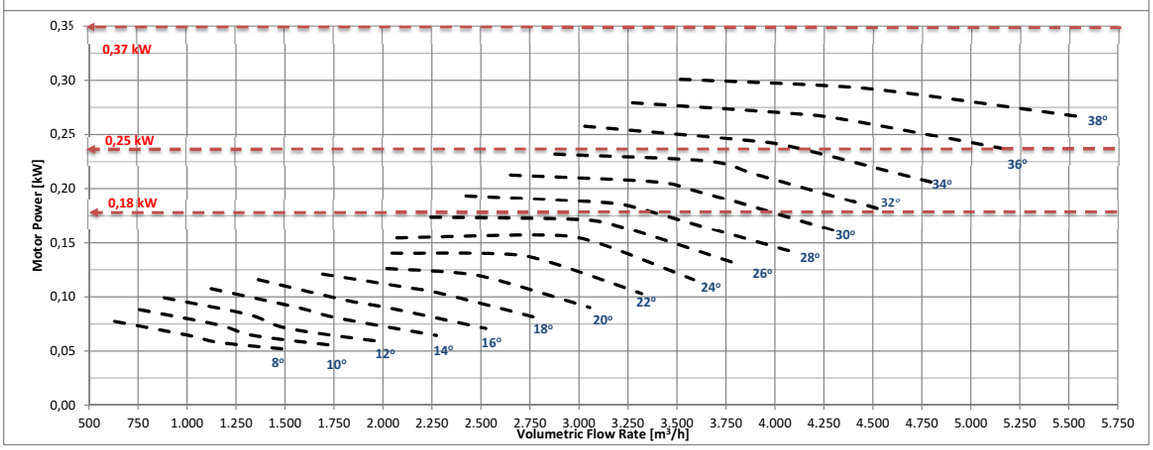
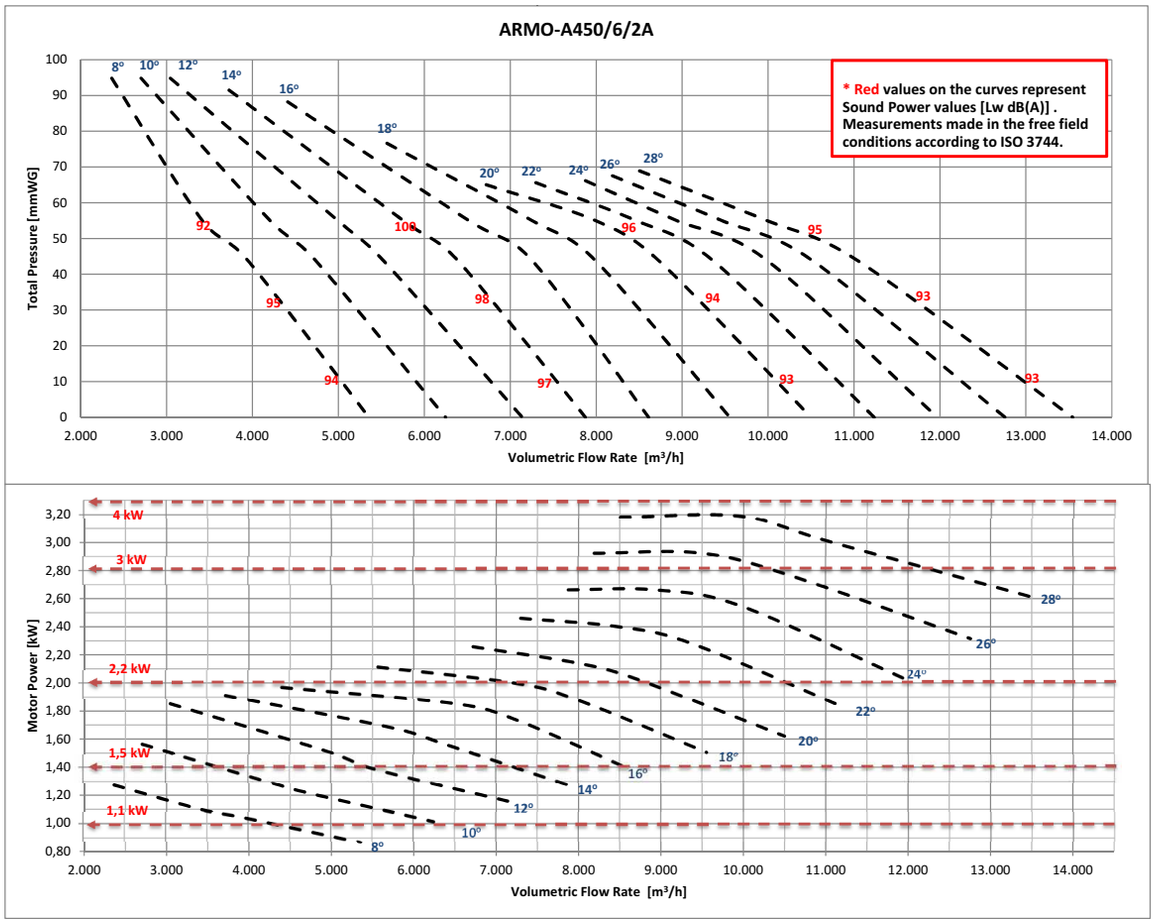
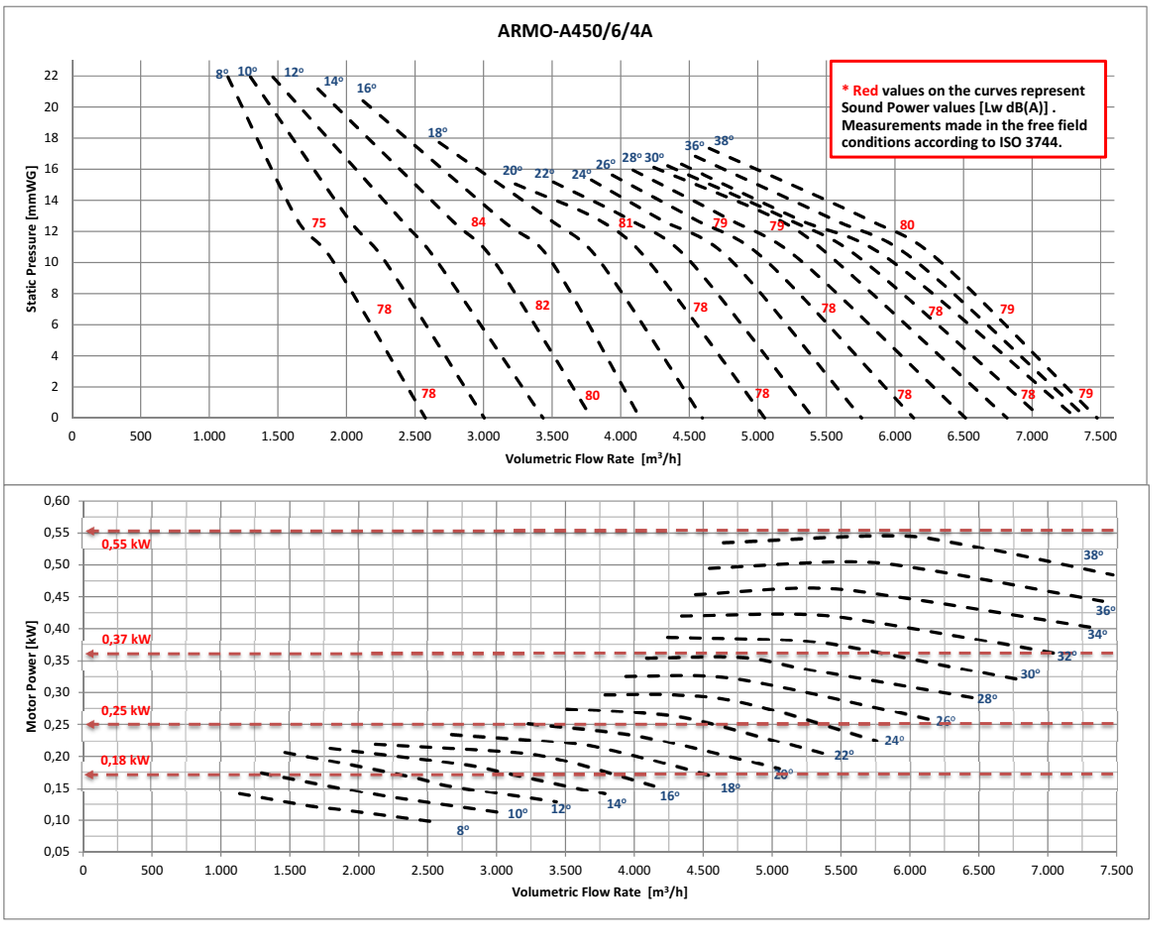
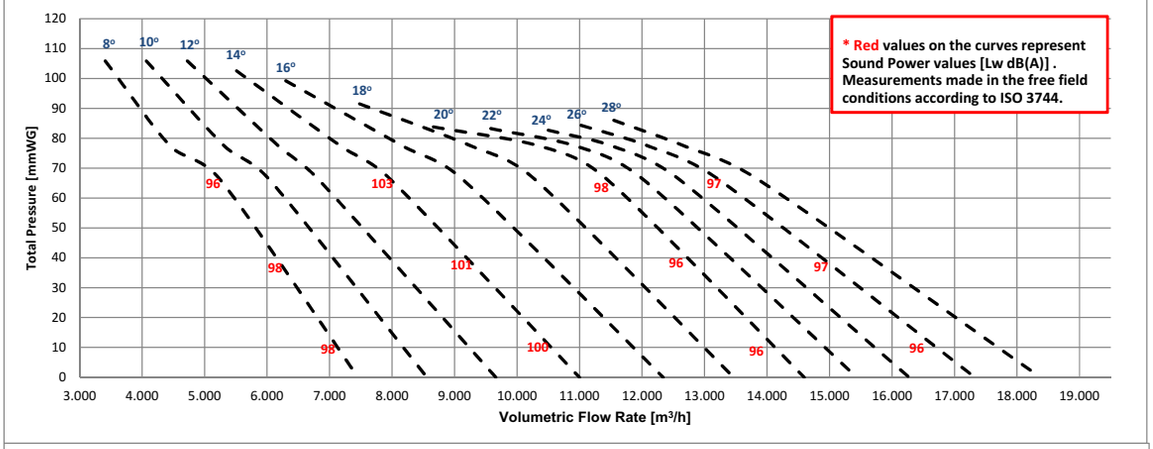


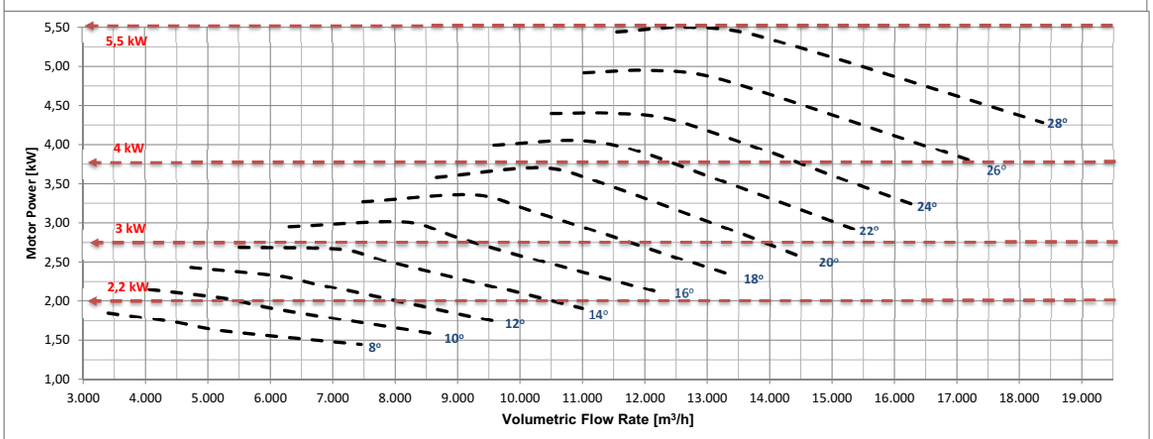



ARMO-A450/6/2A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW


ARMO-A450/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Static Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
0,55 kW
0,37 kW
0,25 kW
0,18 kW

ARMO-A500/6/2A





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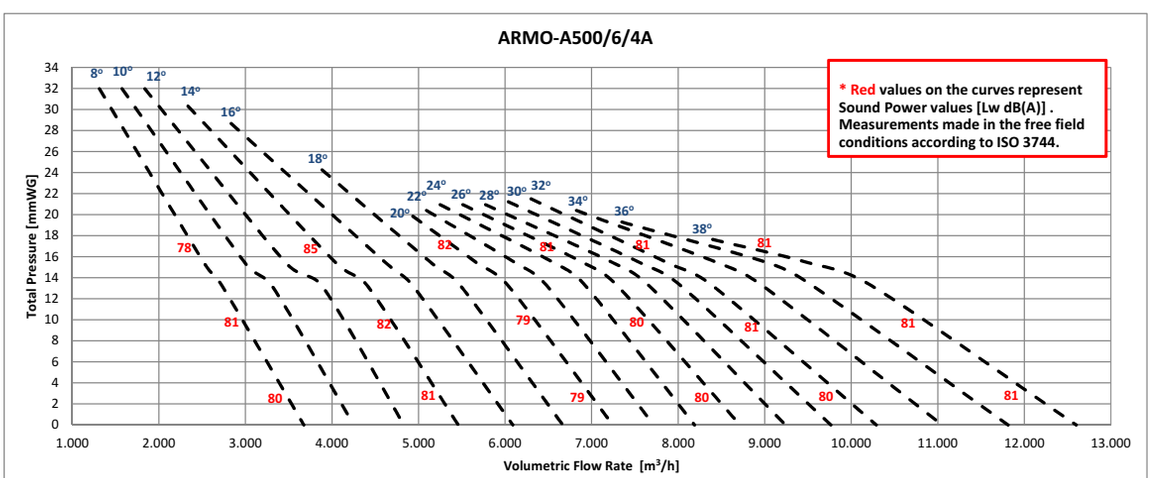

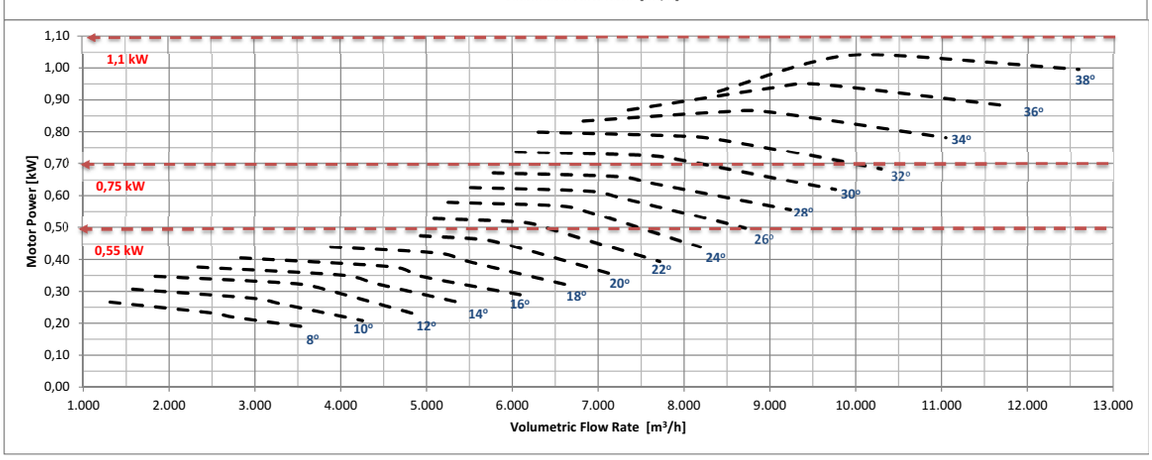

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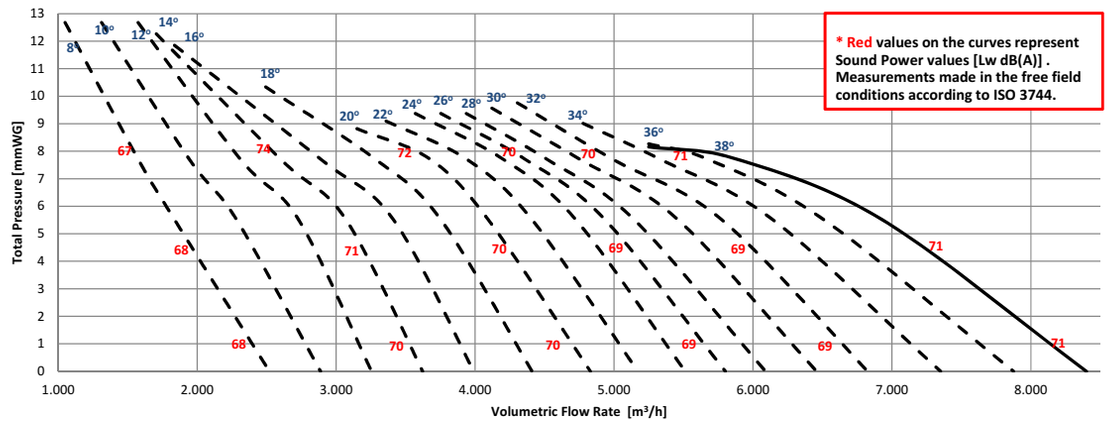

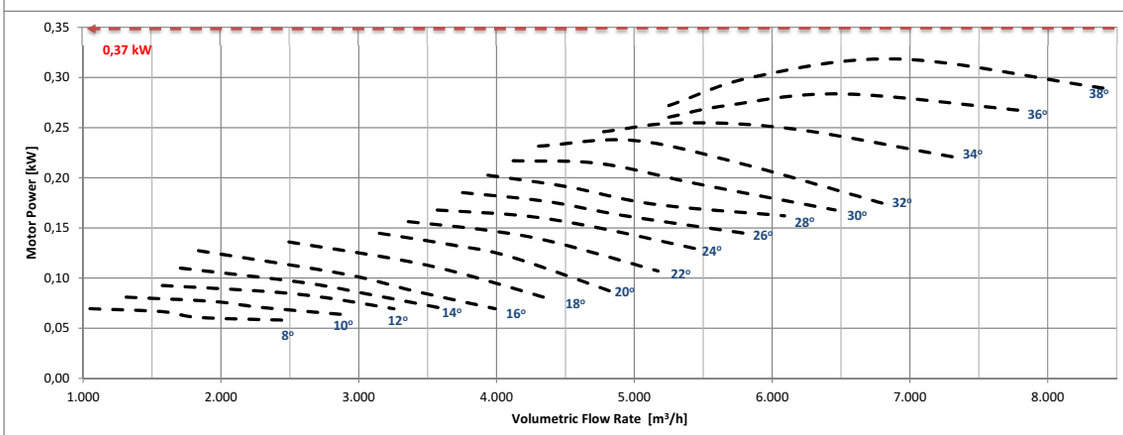

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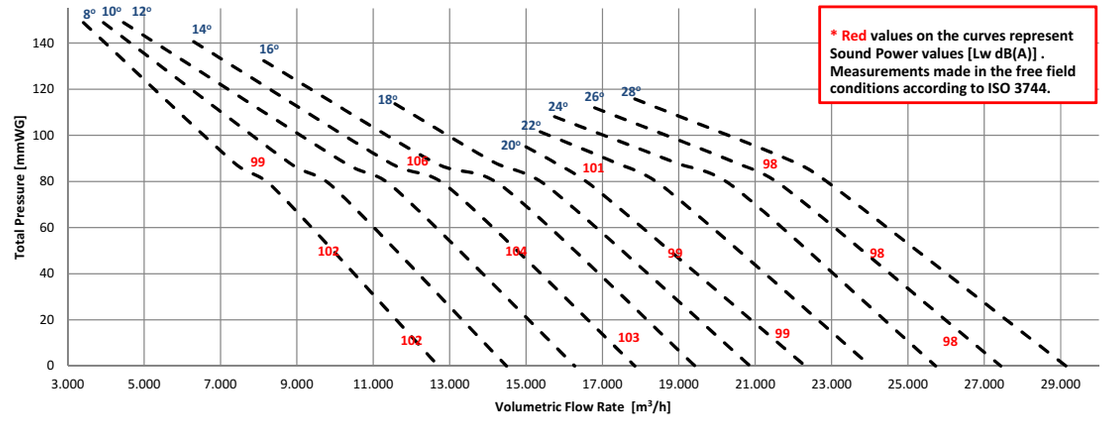

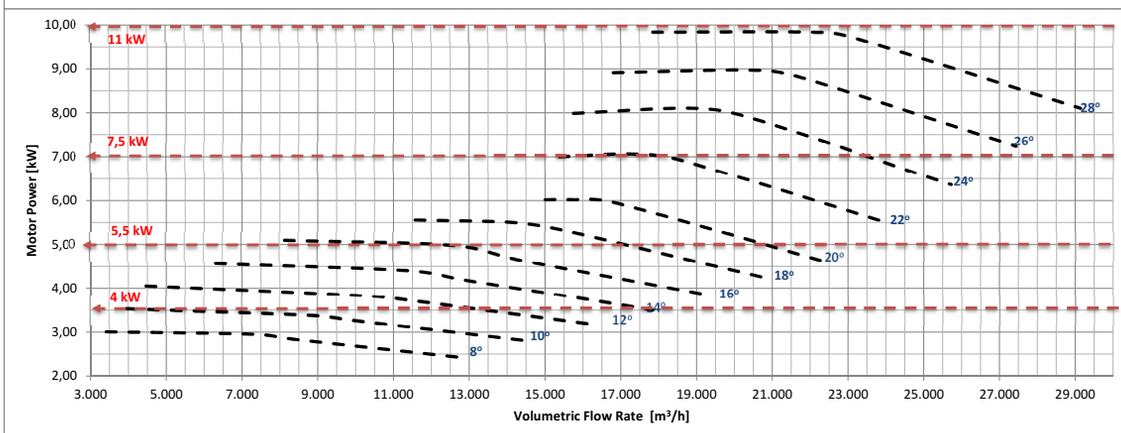

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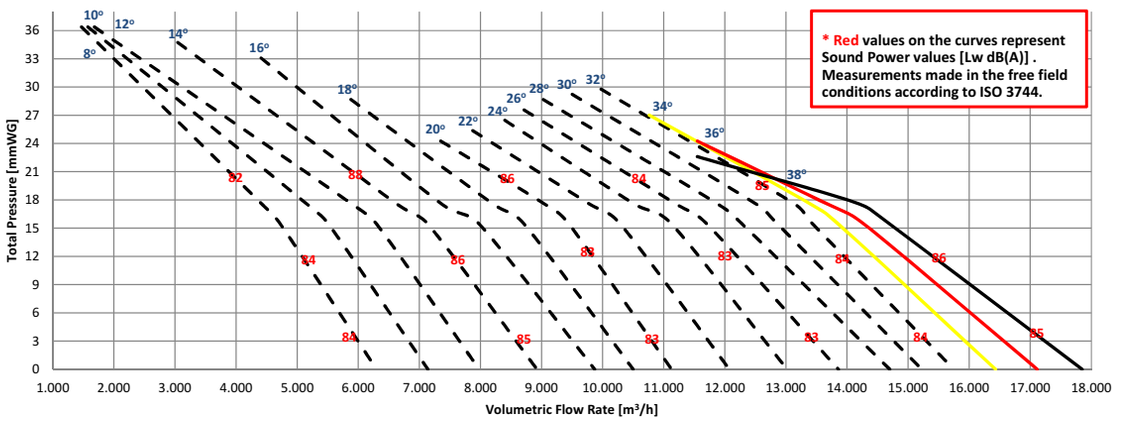

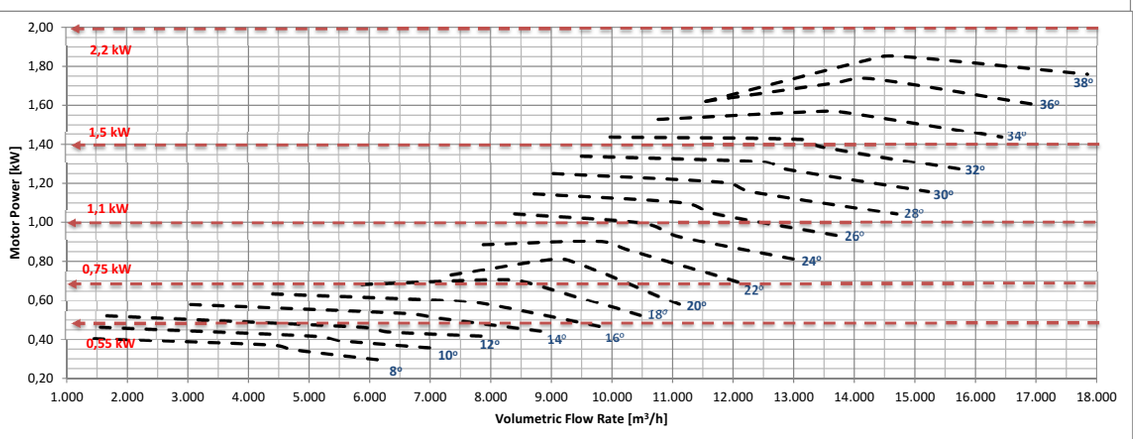

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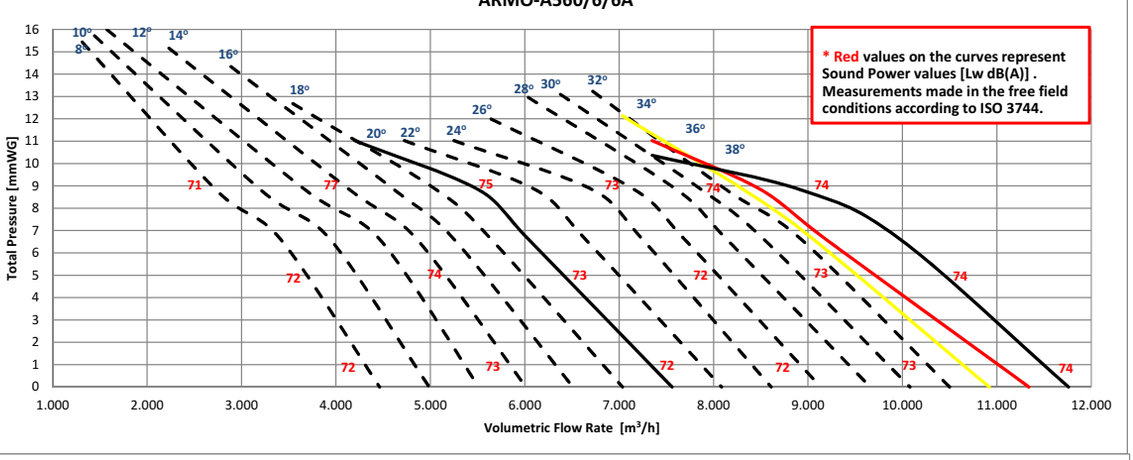

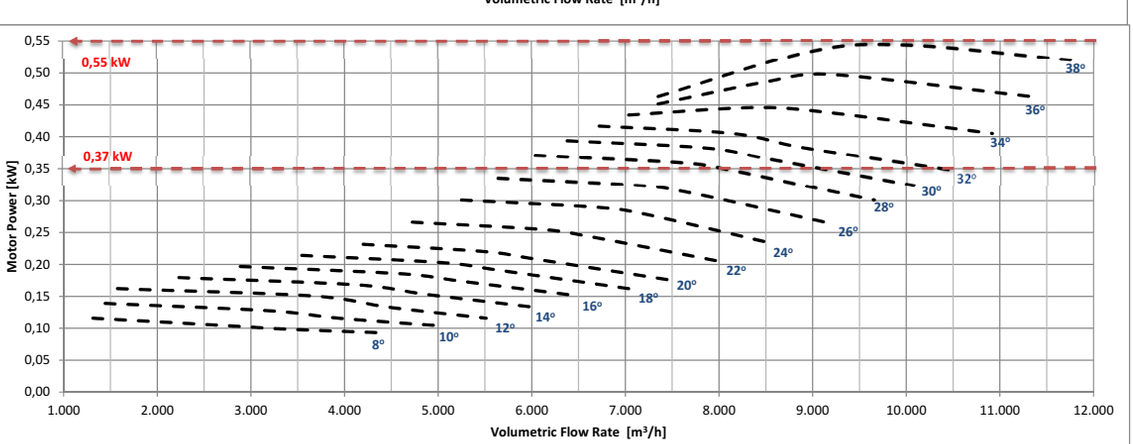

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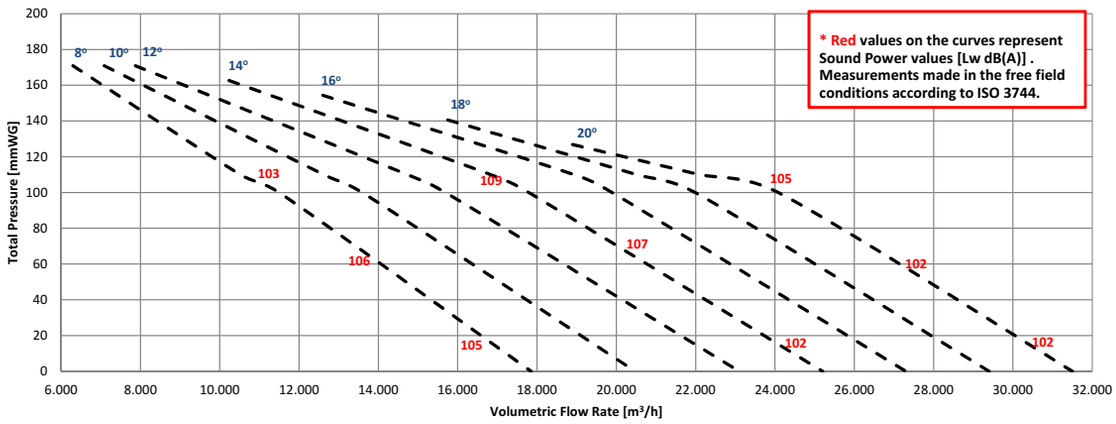

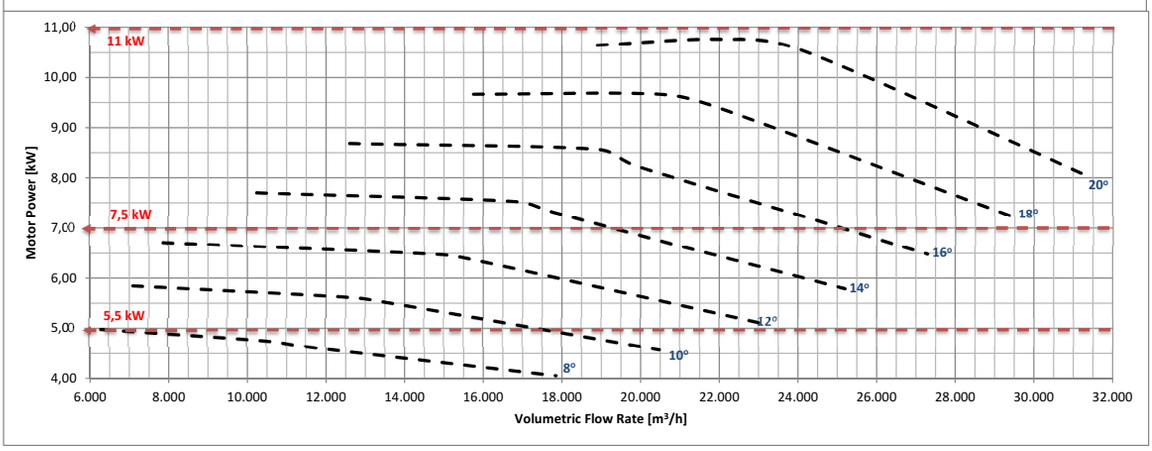

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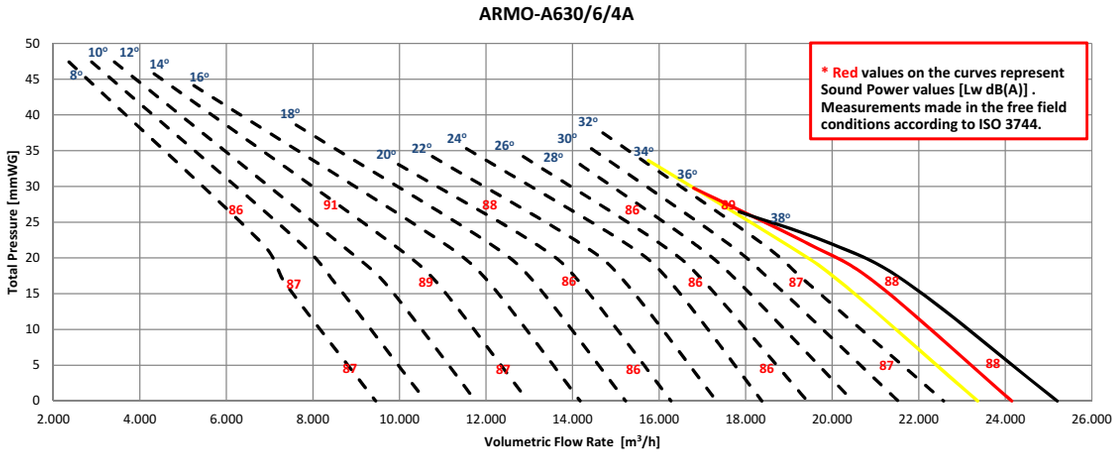

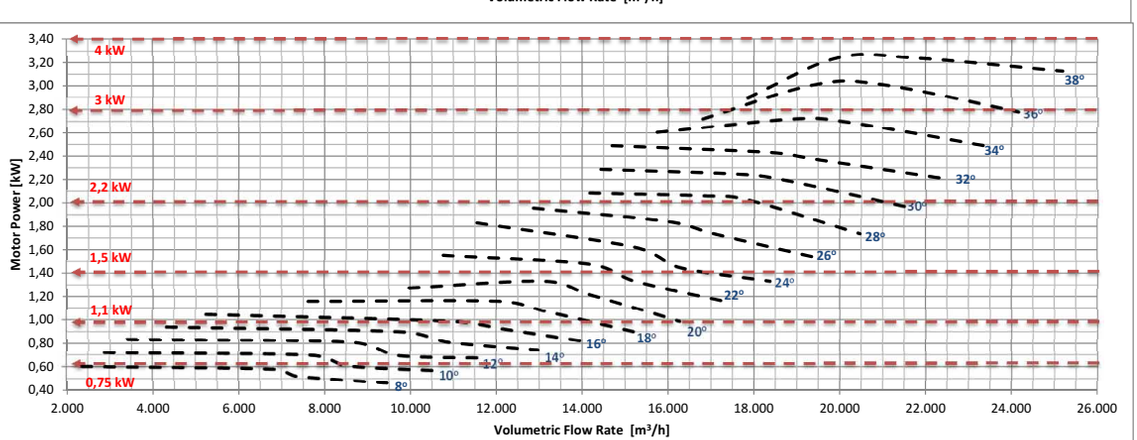

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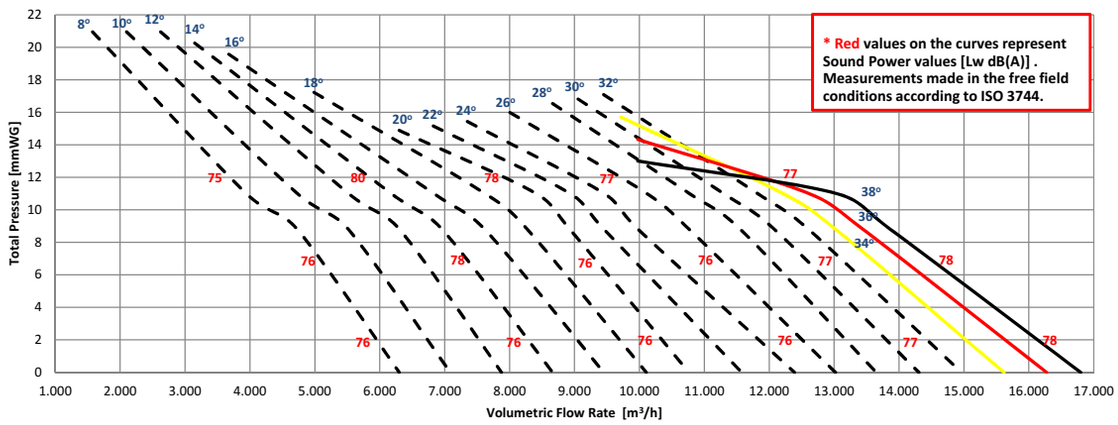

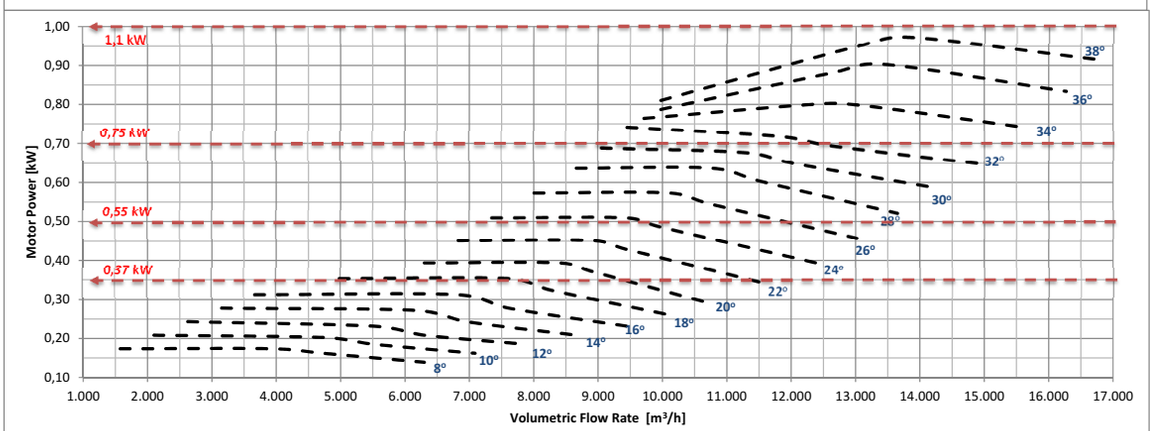

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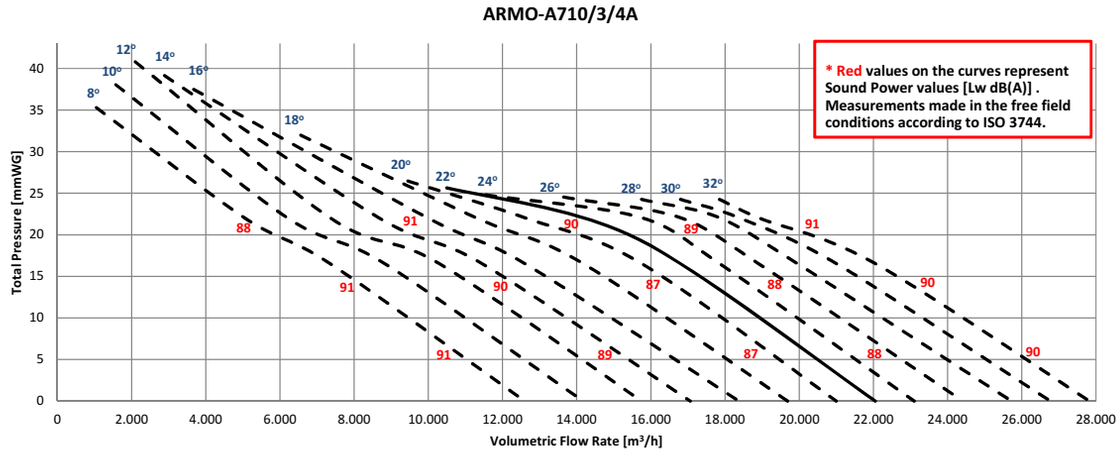

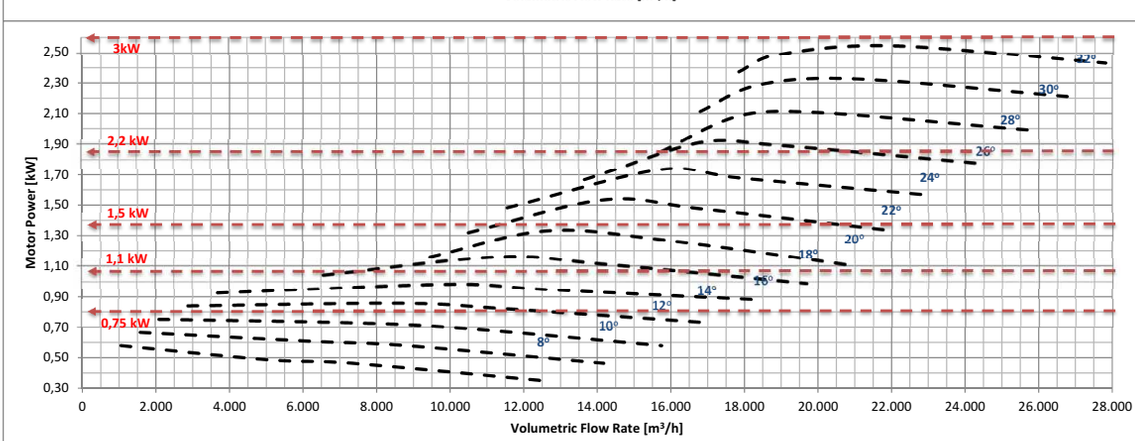

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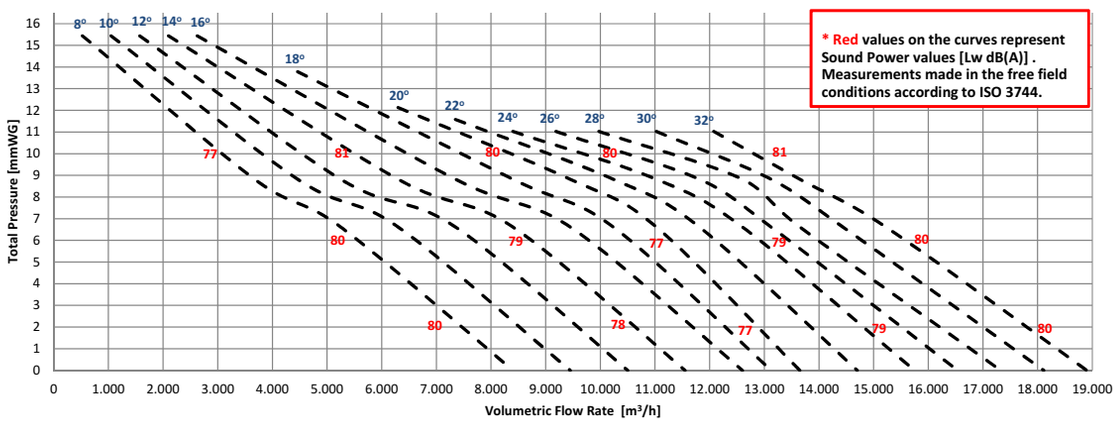

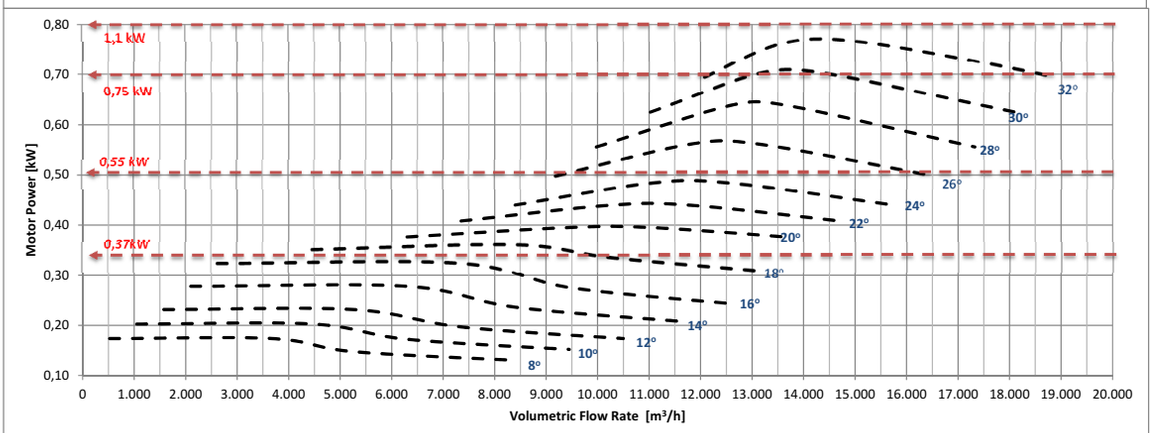

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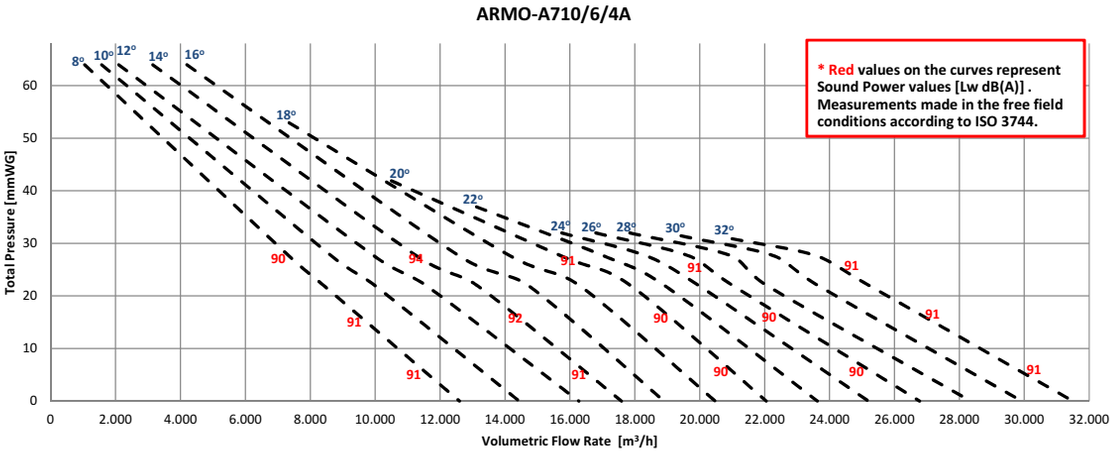

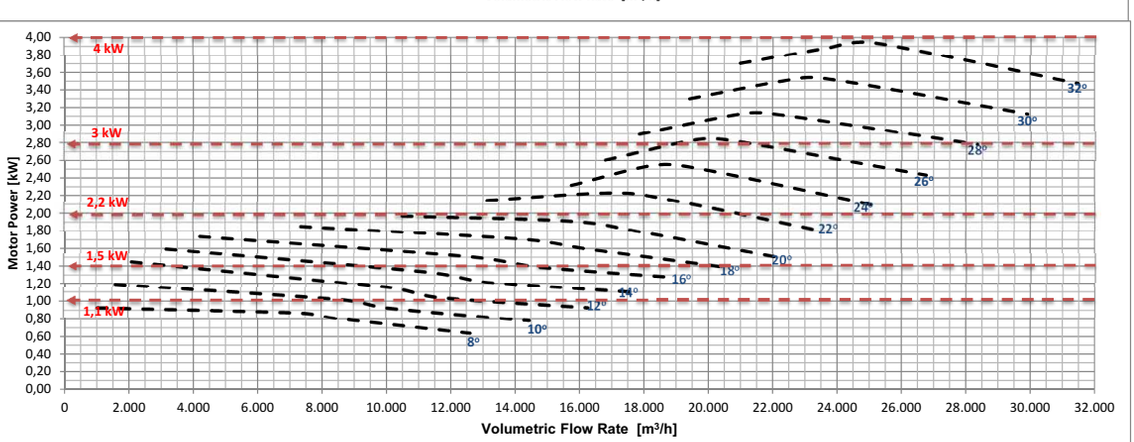

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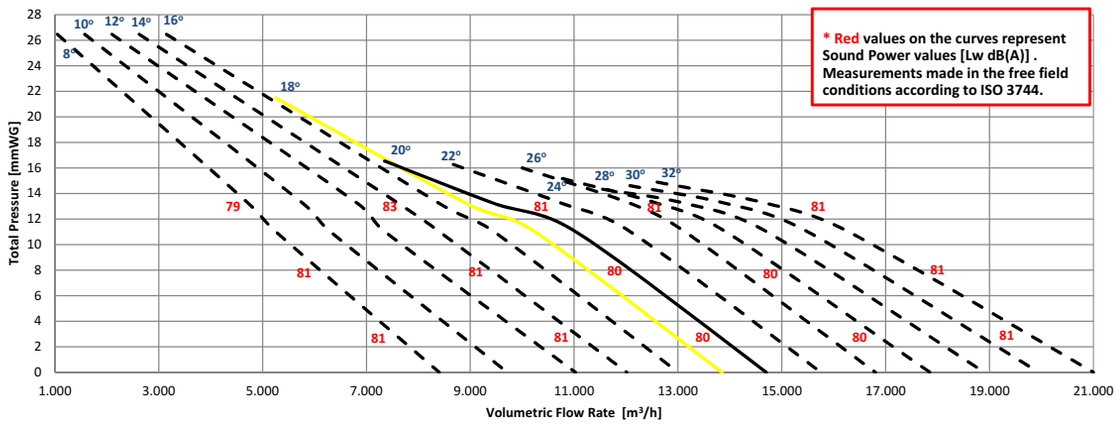

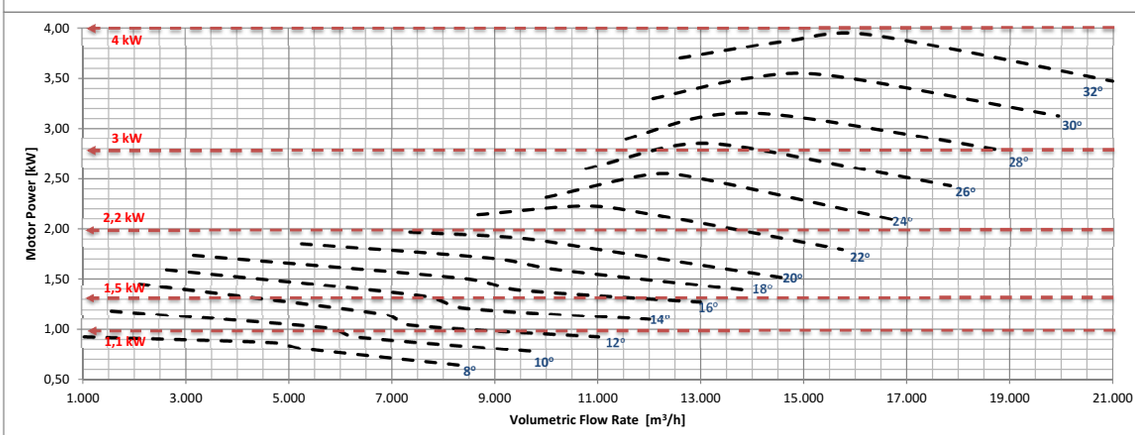

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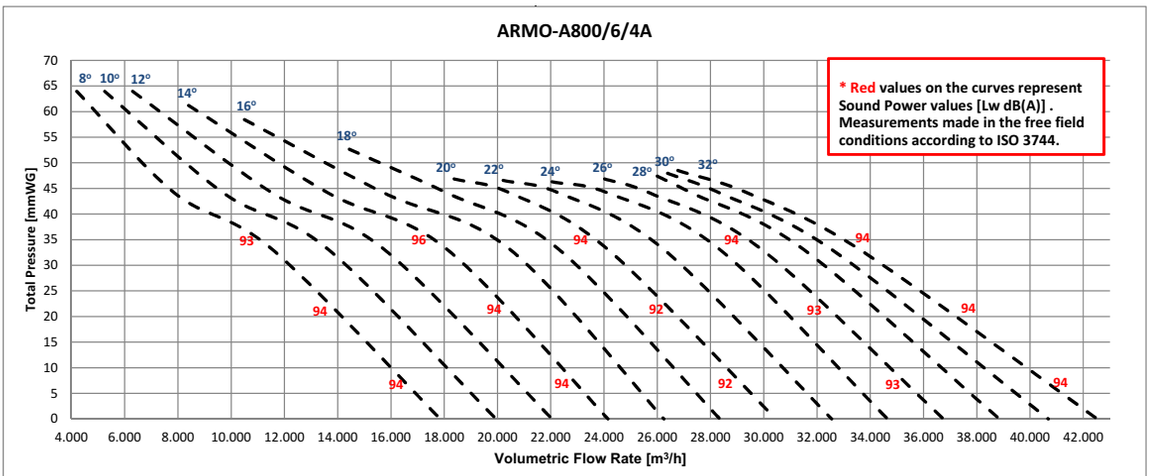

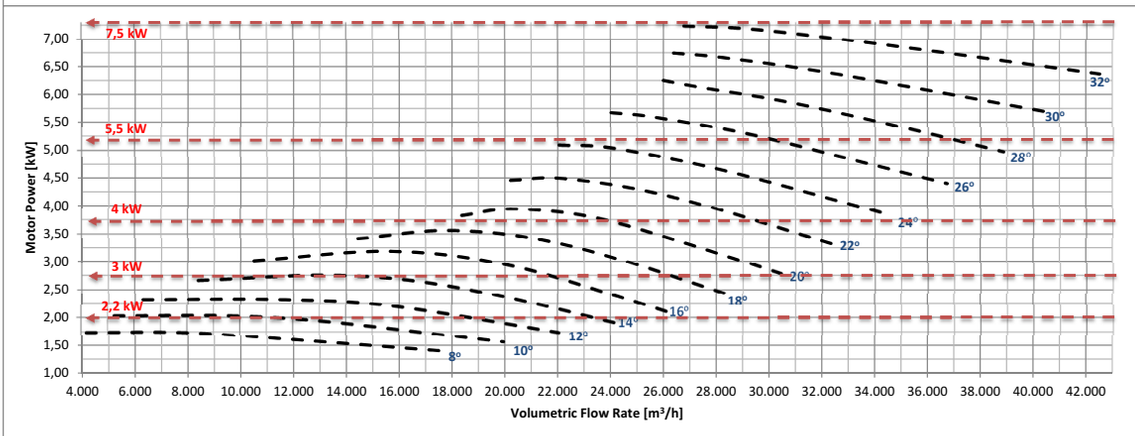

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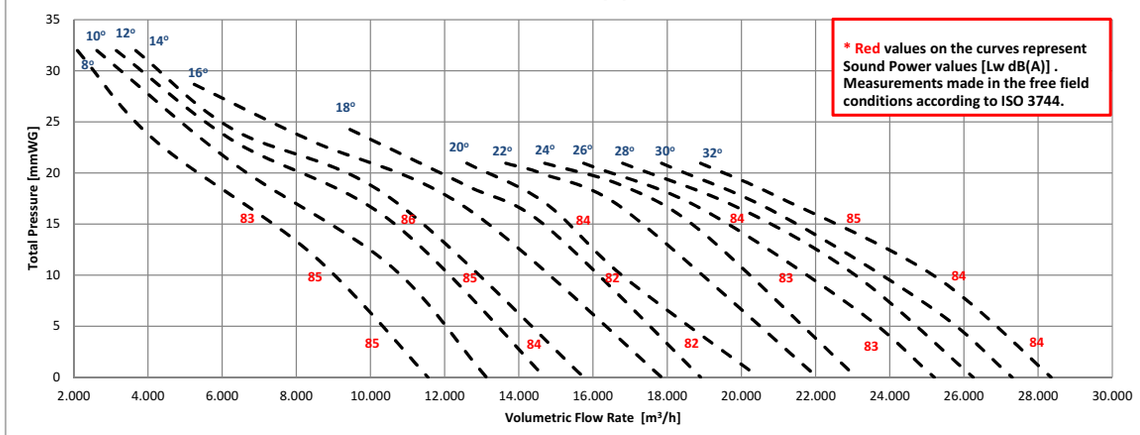

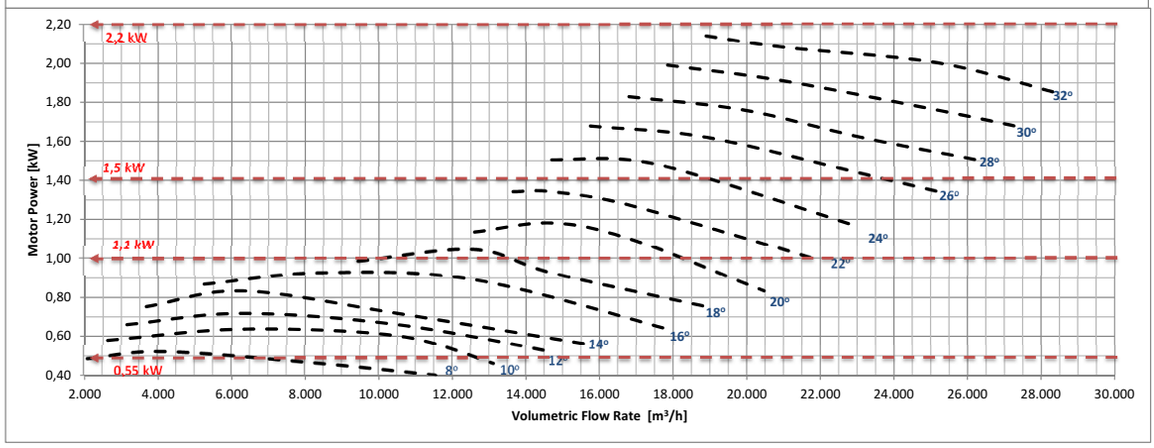

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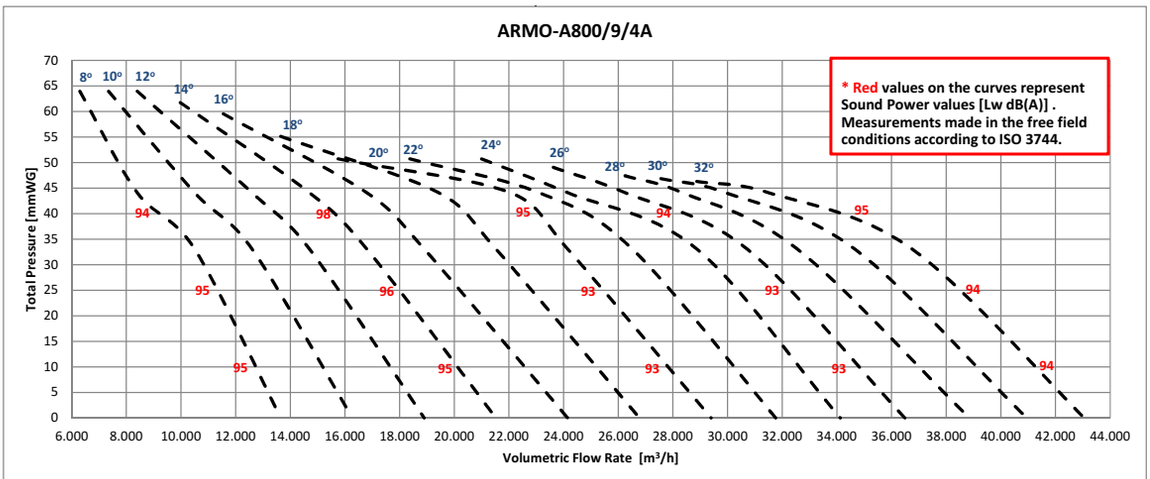
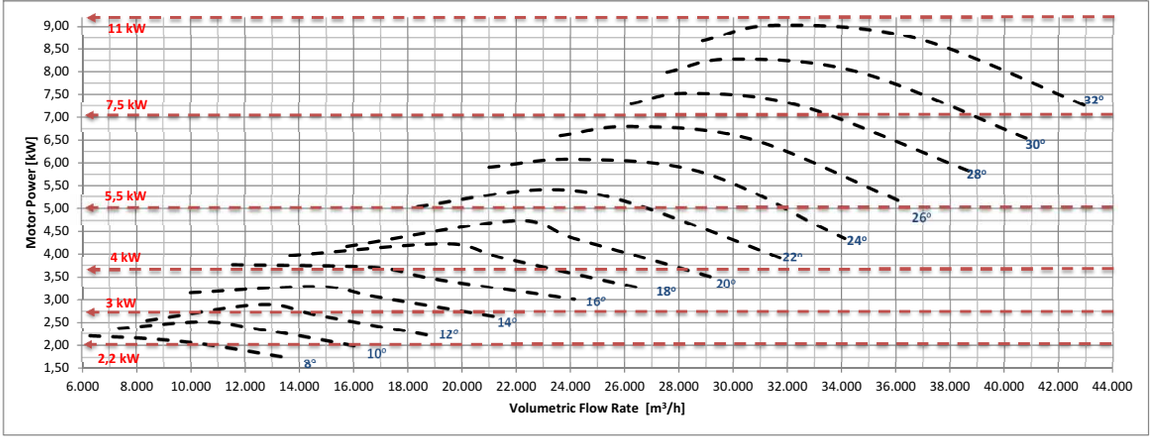
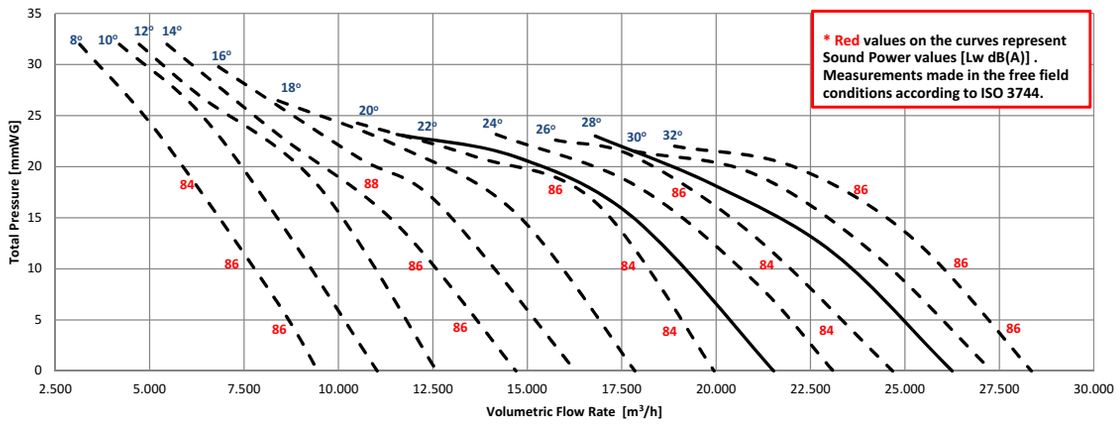
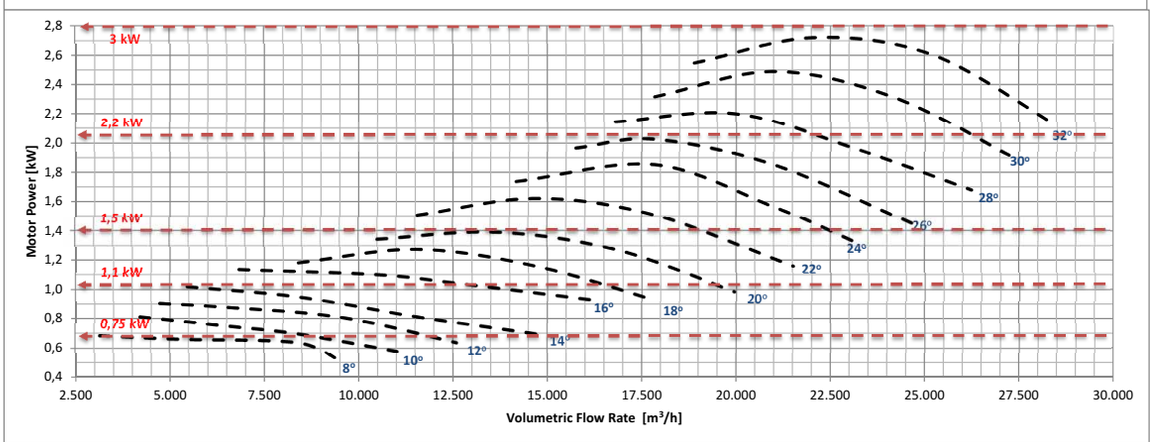


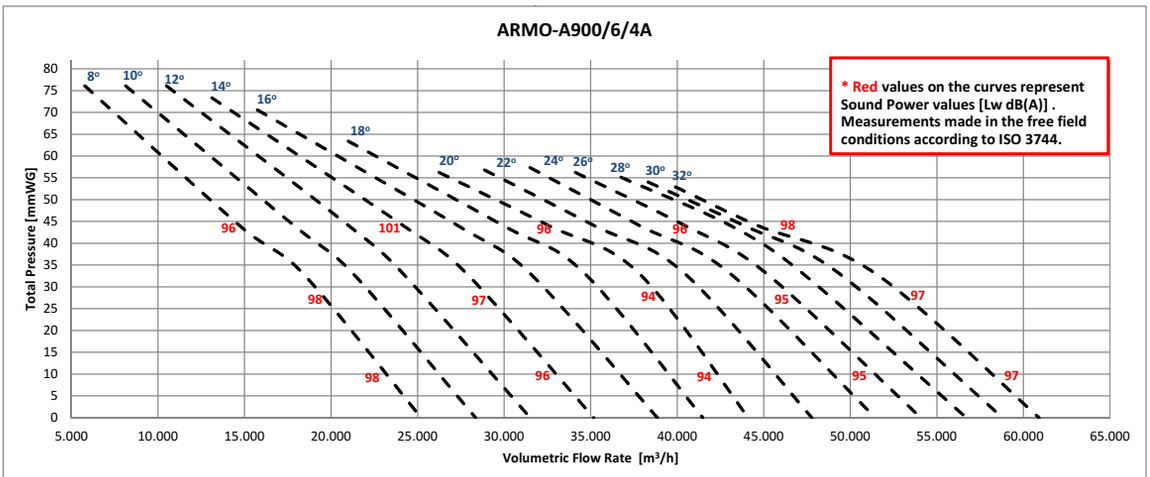


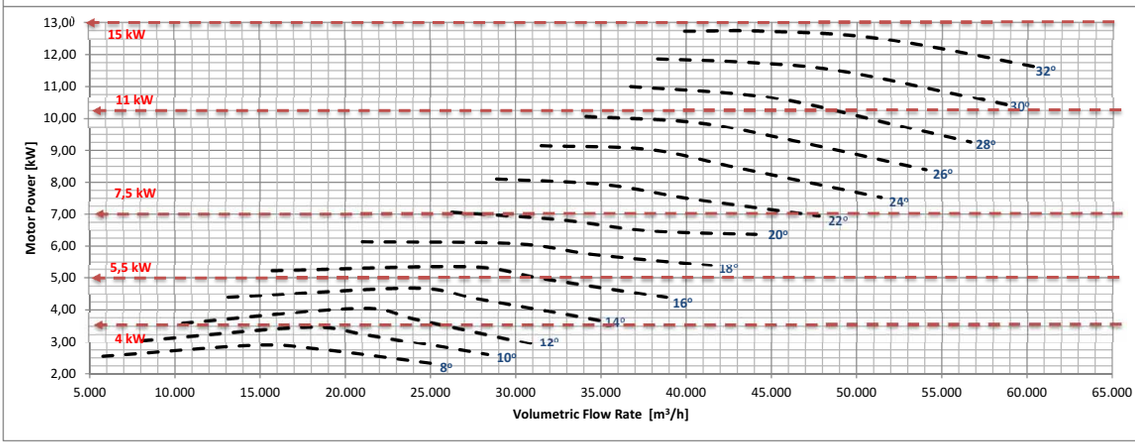
ARMO-A800/9/6A

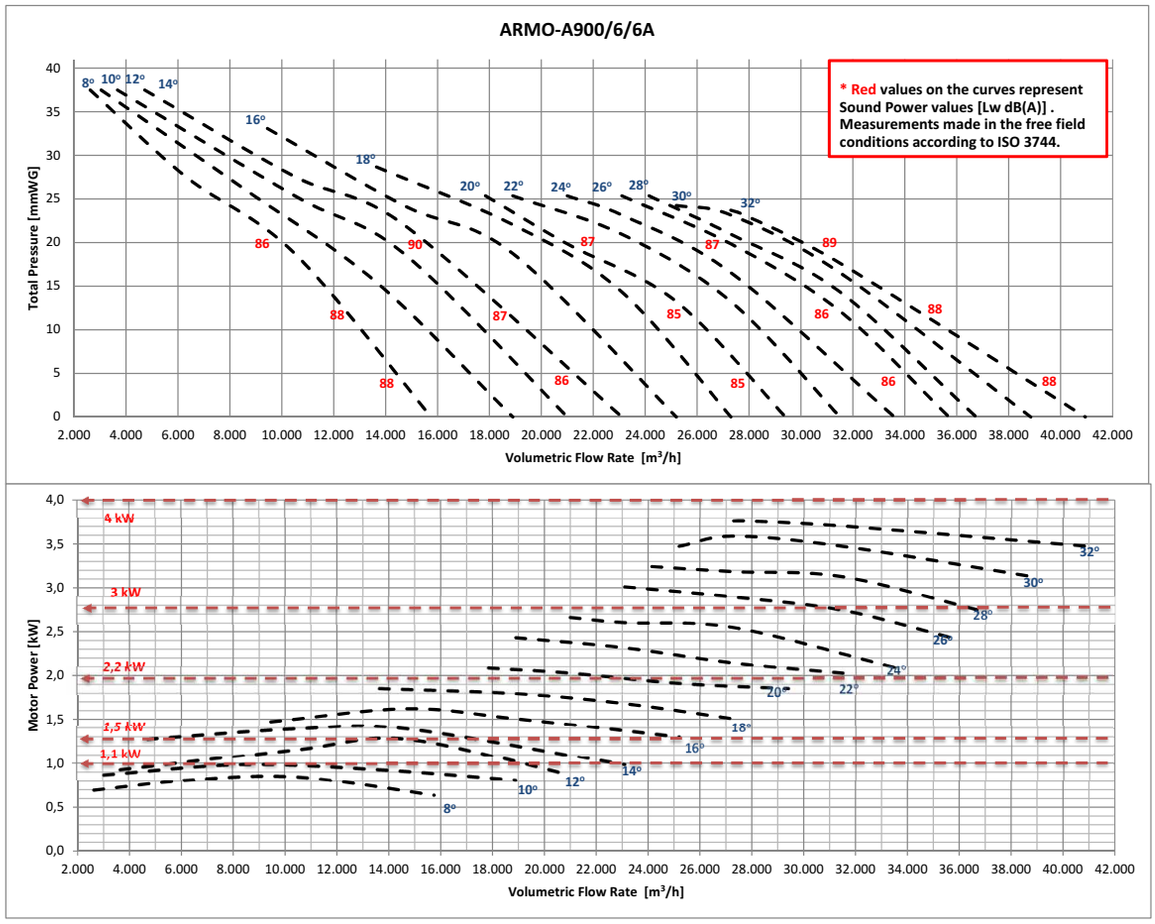


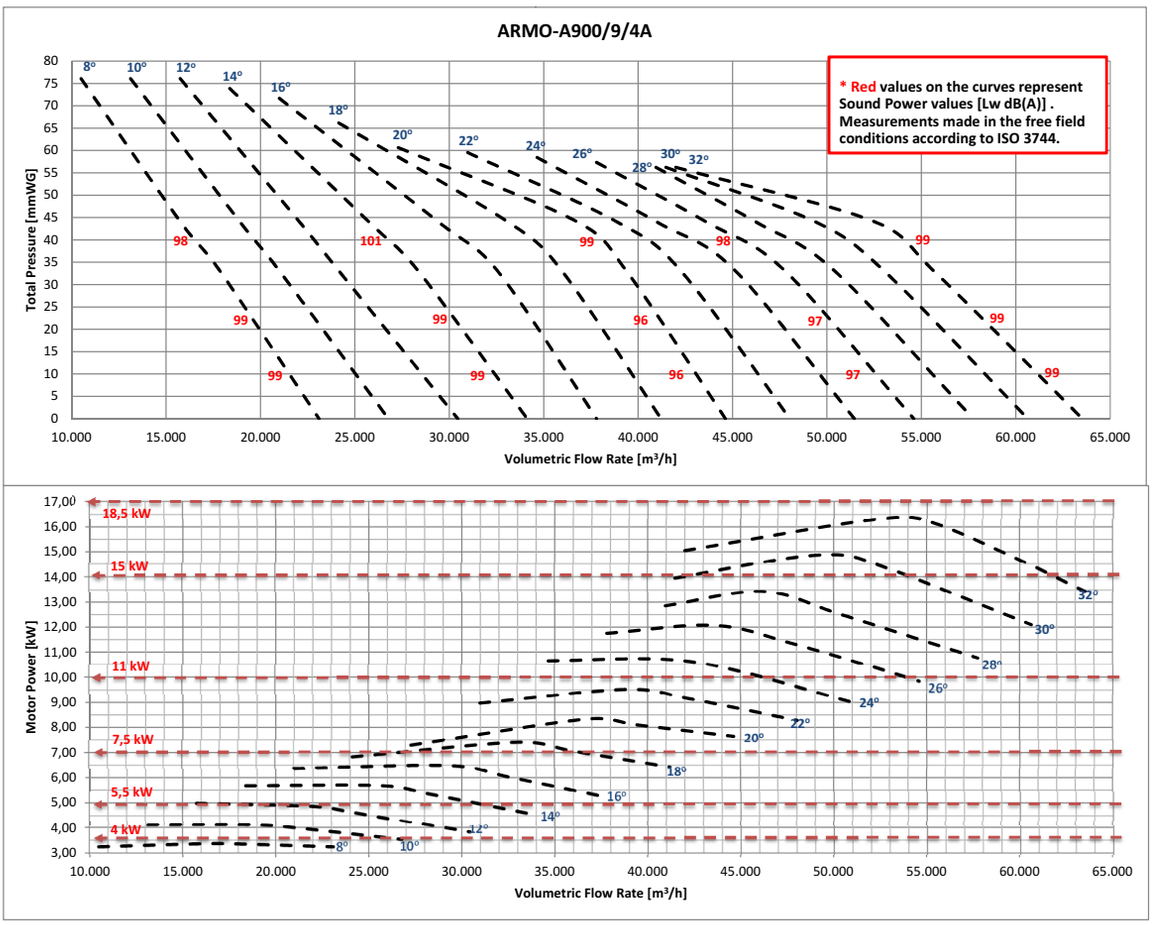


ARMO-A900/6/4A

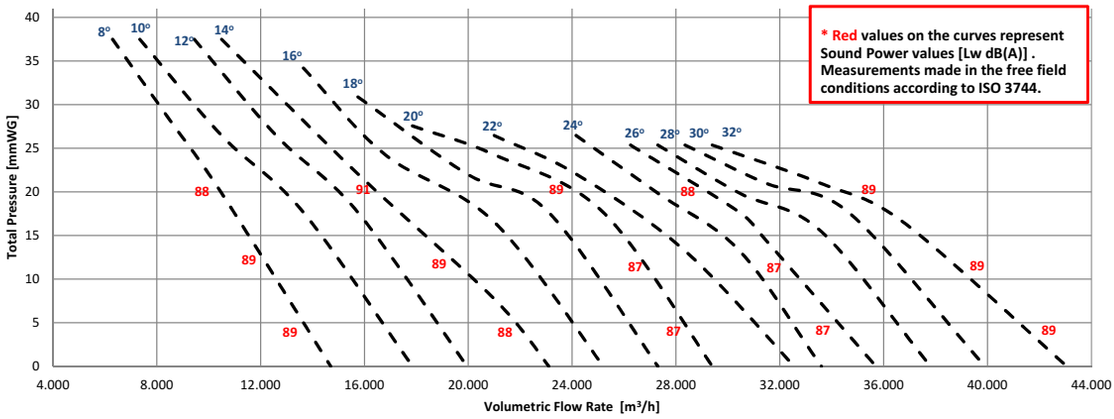


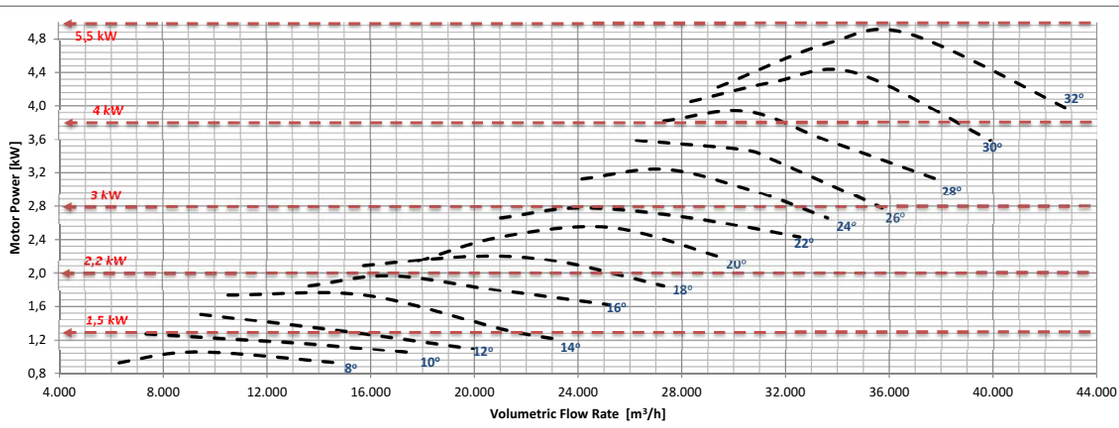



ARMO-A900/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW


ARMO-A900/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
18,5 kW
15 kW
11 kW
7,5 kW
5,5 kW
4 kW

ARMO-A900/9/6A





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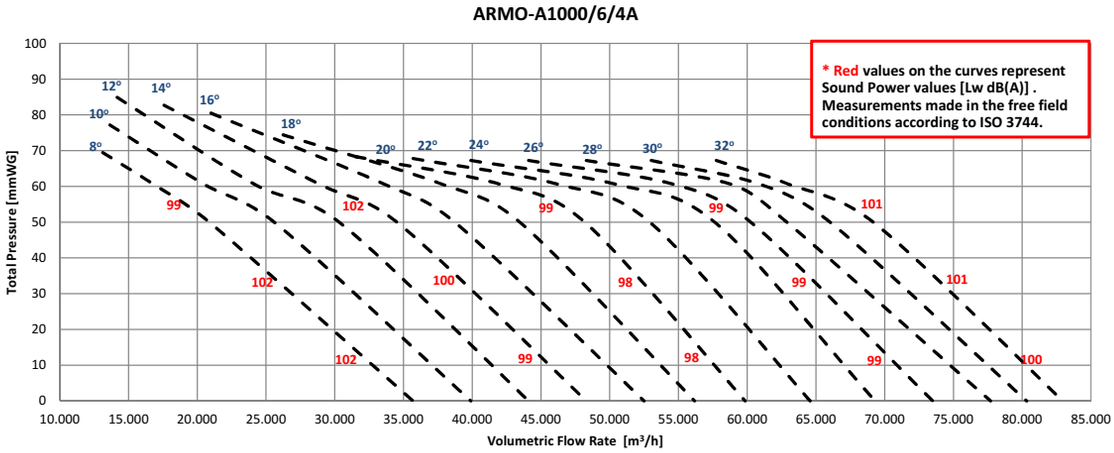
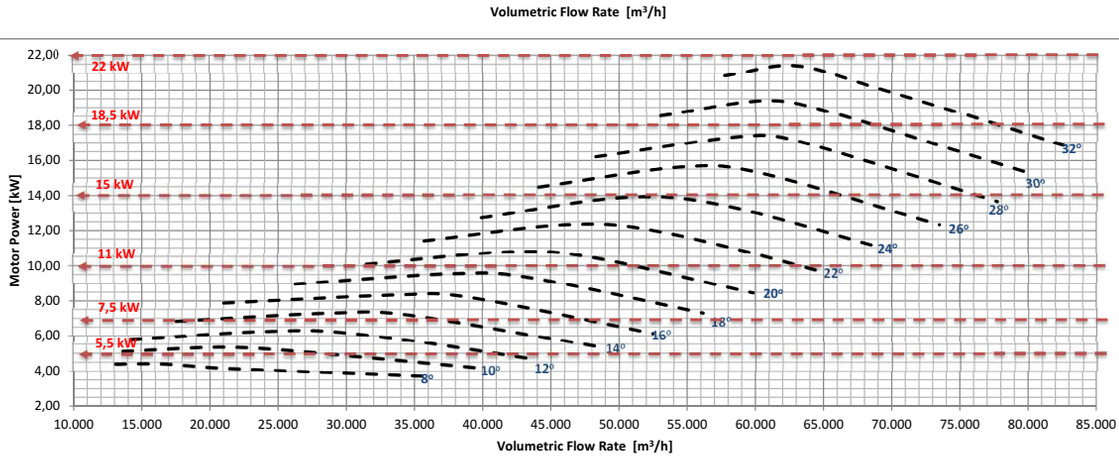
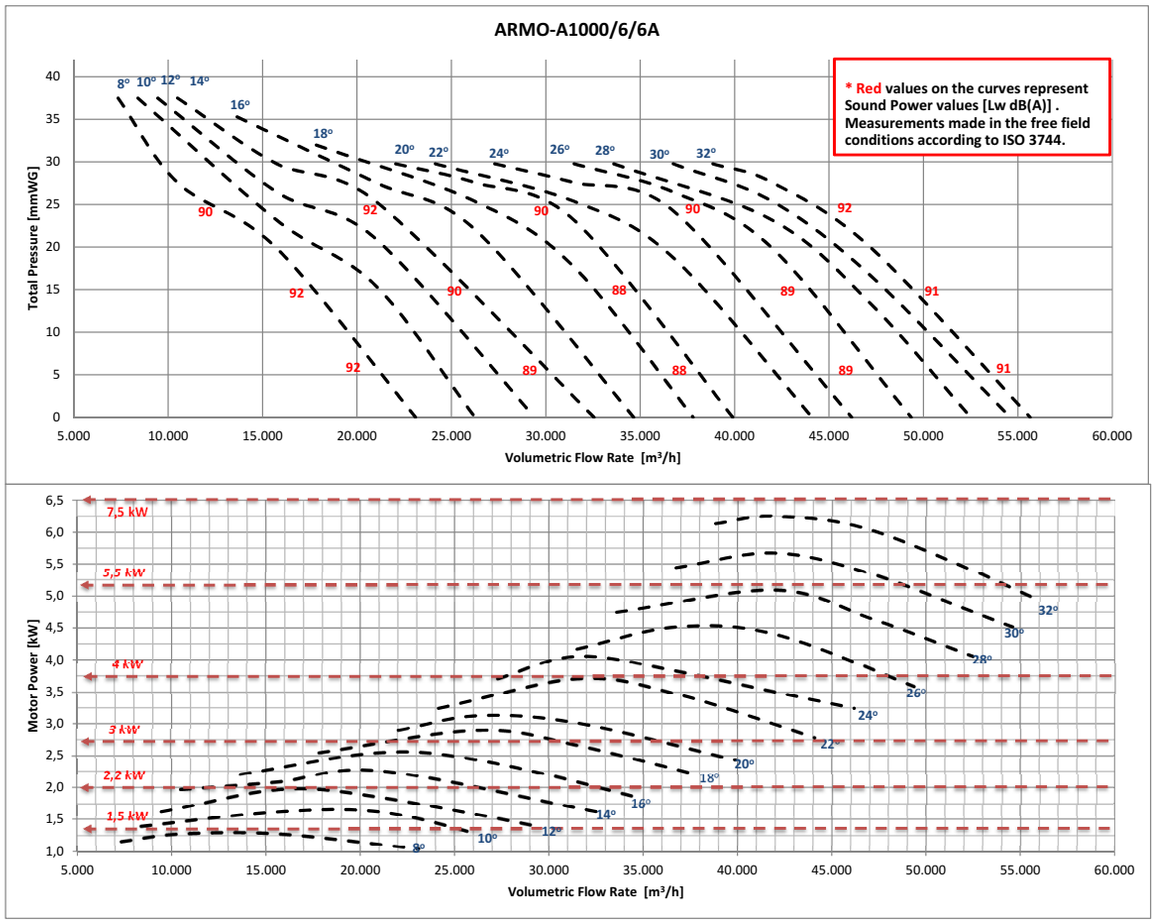
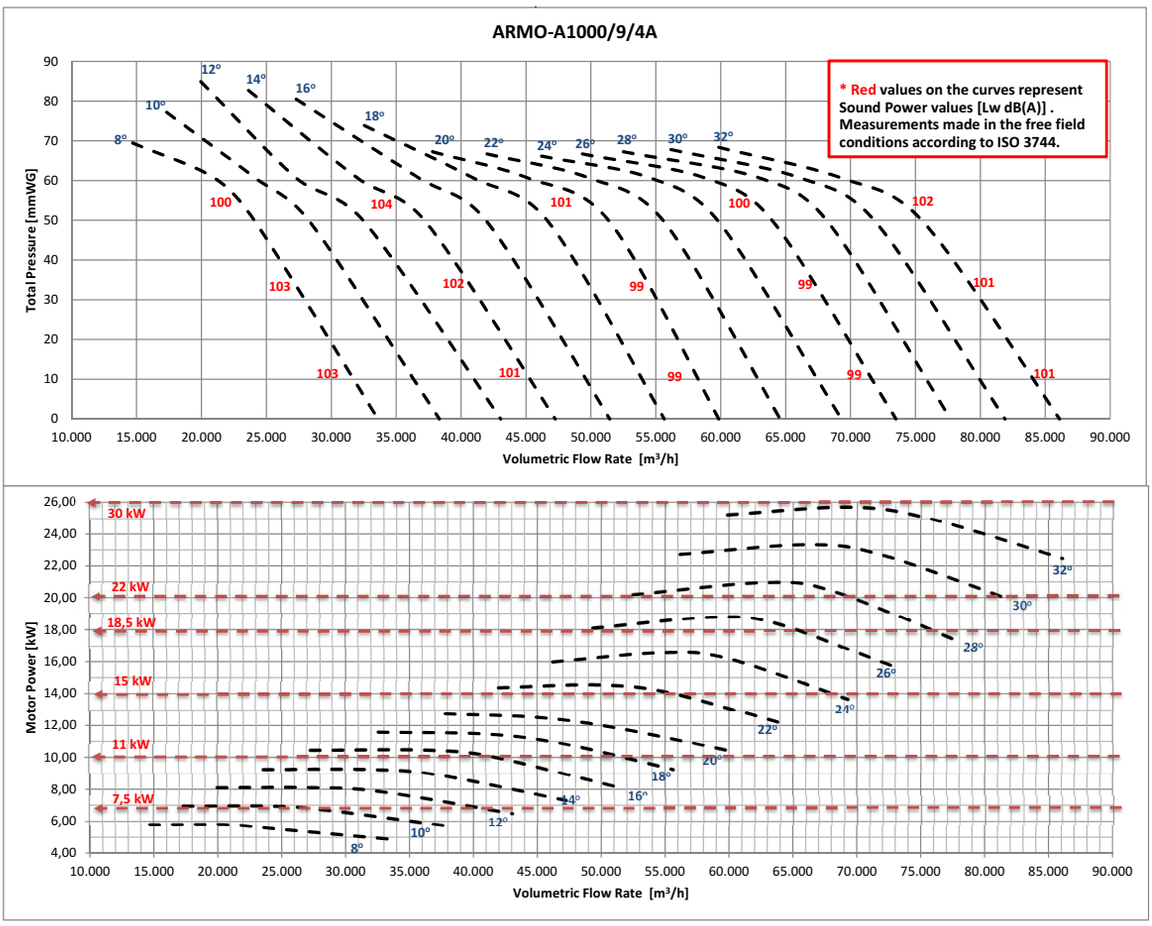
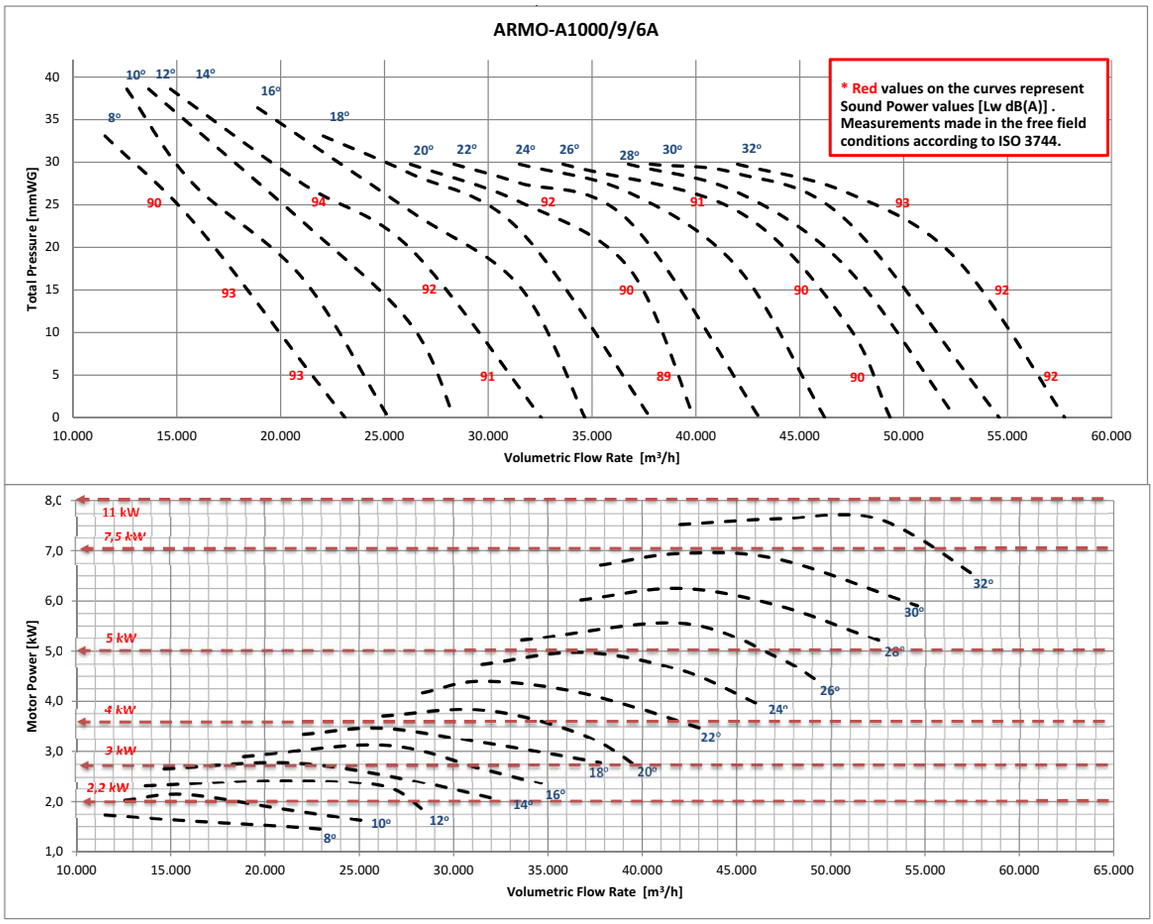
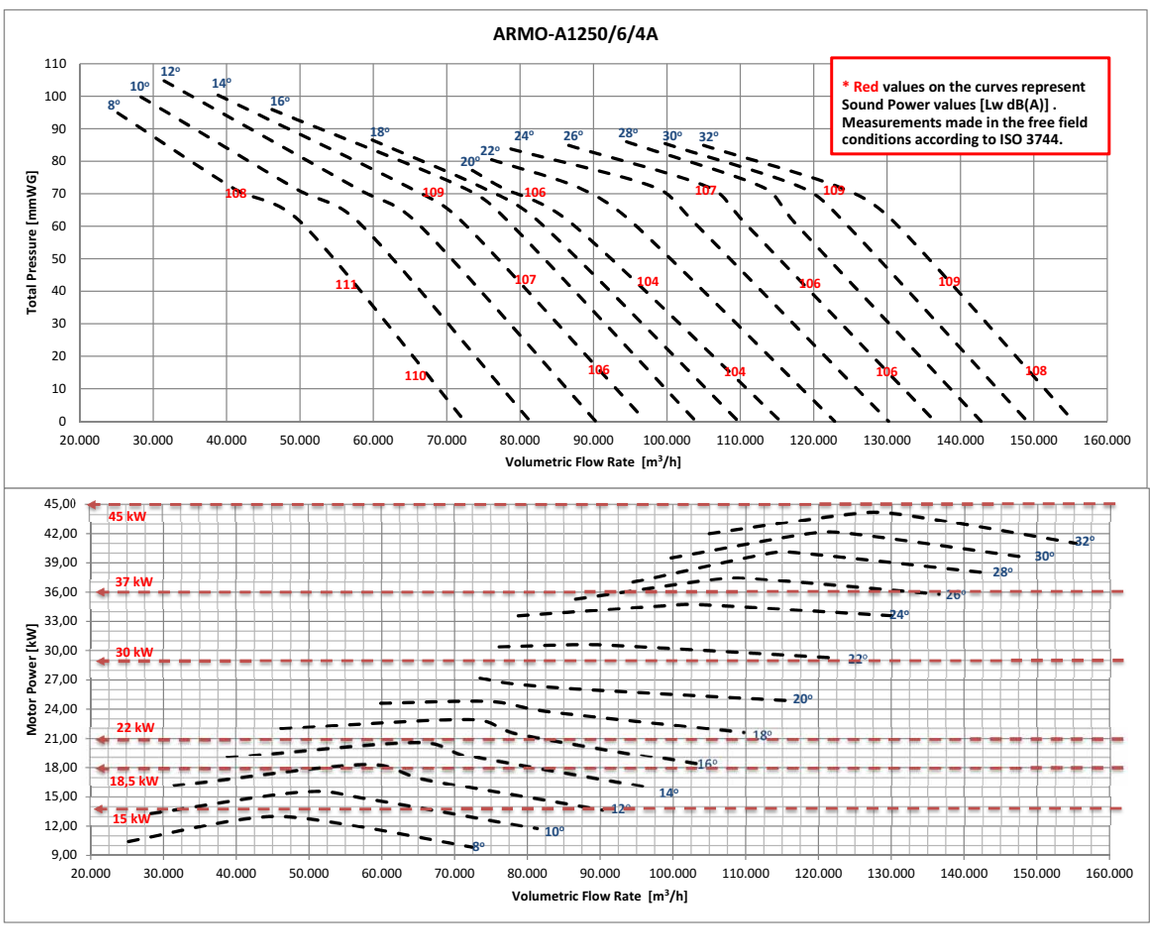


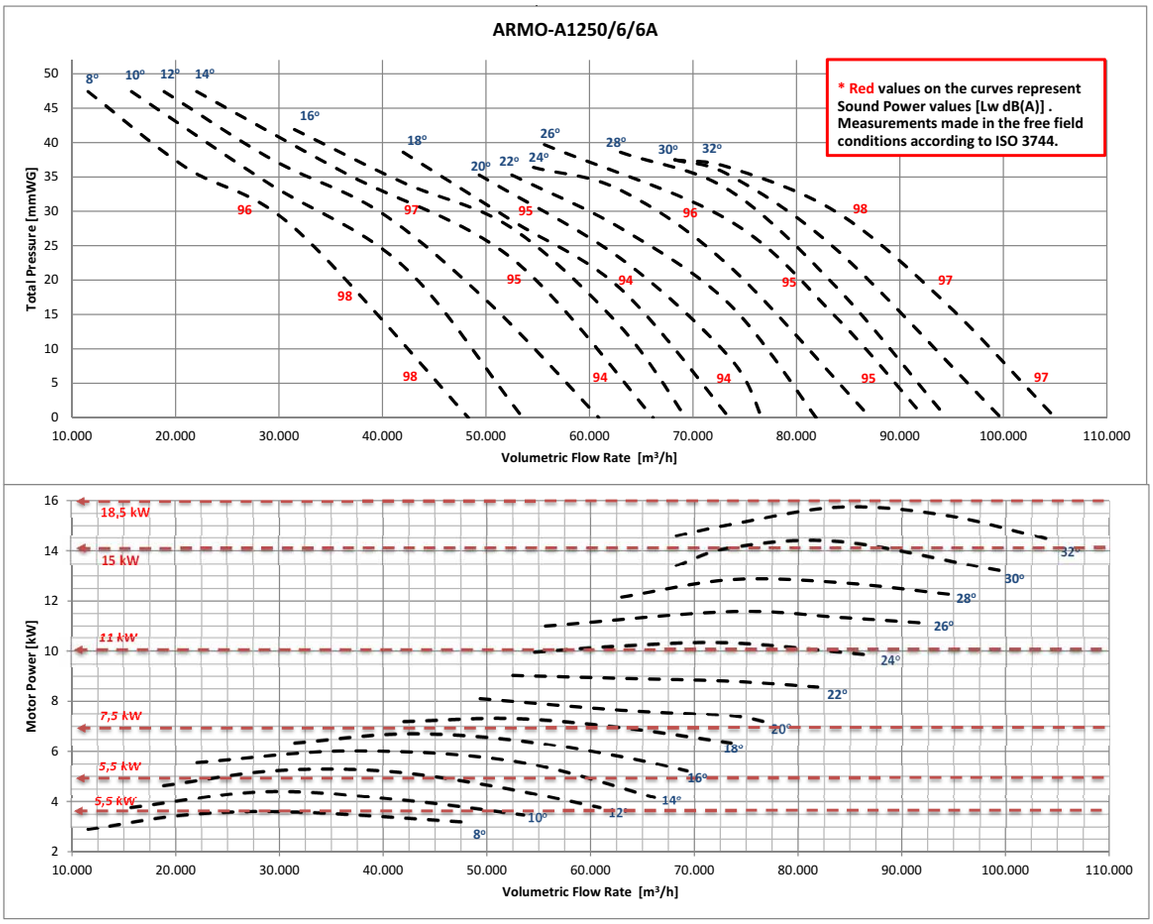


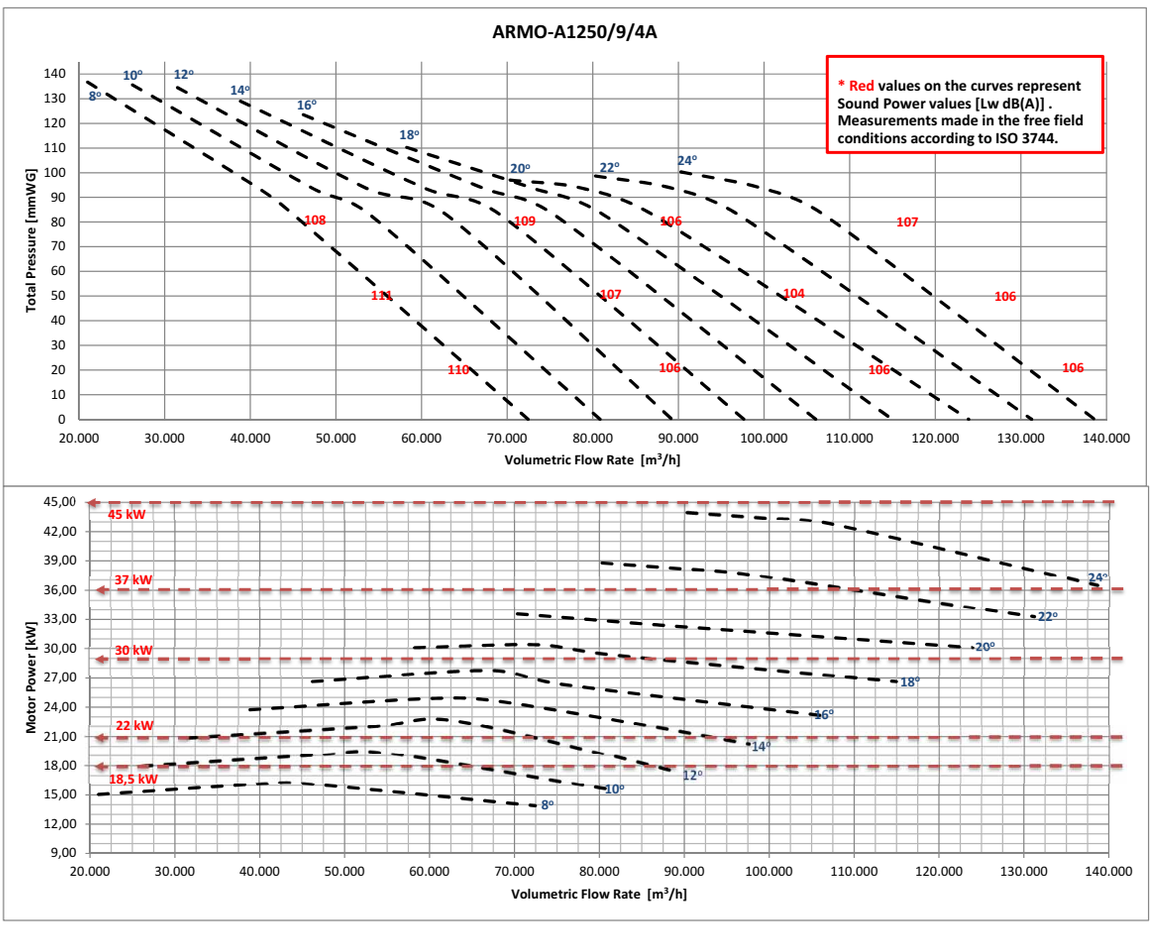

ARMO-A1000/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
7,5 kW
5,5 kW
4 kW
3 kW
2,2 kW
1,5 kW

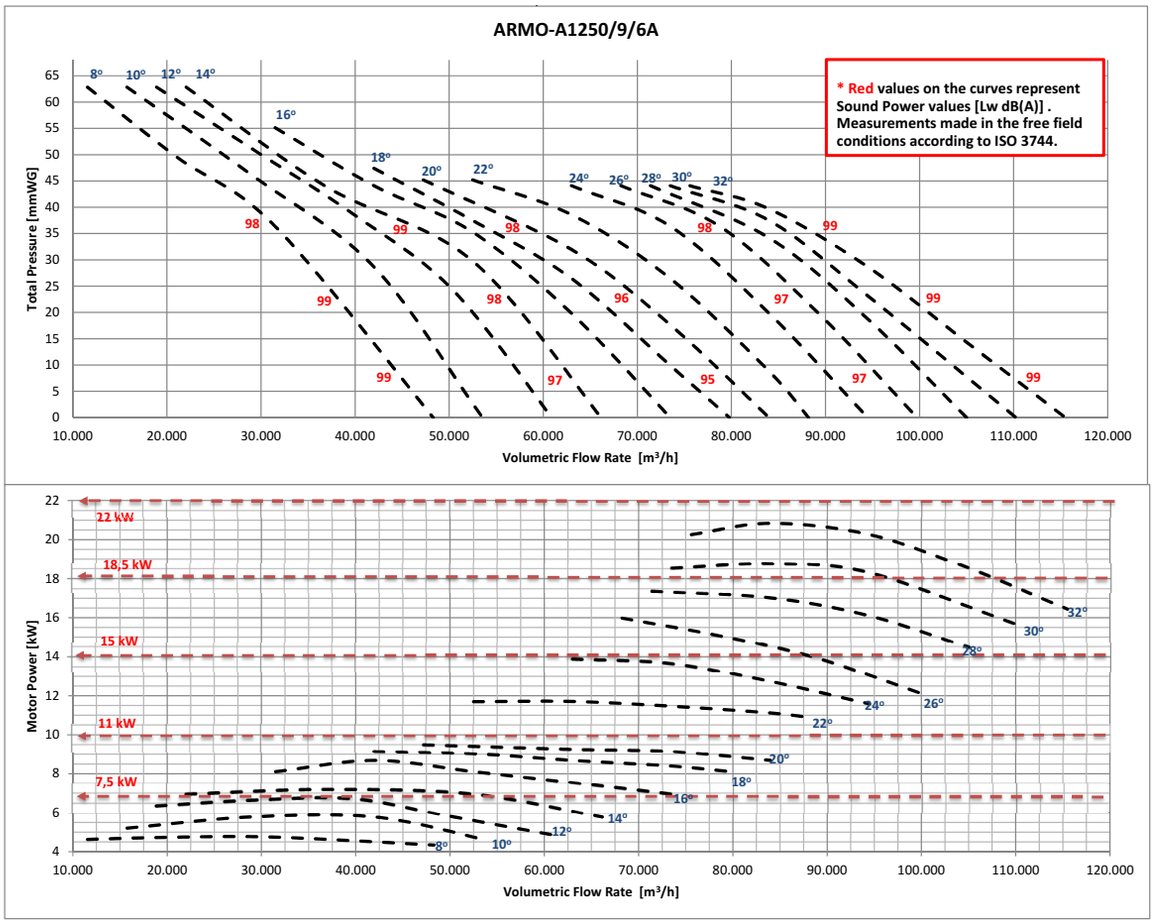

ARMO-A1000/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
30 kW
22 kW
18,5 kW
15 kW
11 kW
7,5 kW


ARMO-A1000/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
11 kW
7,5 kW
5 kW
4 kW
3 kW
2,2 kW


ARMO-A1250/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
45 kW
37 kW
30 kW
22 kW
18,5 kW
15 kW


ARMO-A1250/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
18,5 kW
15 kW
11 kW
7,5 kW
5,5 kW
5,5 kW


ARMO-A1250/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
45 kW
37 kW
30 kW
22 kW
18,5 kW


ARMO-A1250/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
8° 10° 12° 14° 16° 18° 20° 22° 24° 26° 28° 30° 32°
Motor Power [kW]
22 kW
18,5 kW
15 kW
11 kW
7,5 kW

ARMO-C

PRESSURATION FANS / Cabinet

Box Axial fans are used in pressurization fan, fresh air fan and smoke exhaust fan applications. The box is fire resistant and designed according to the noise standard. Smoke evacuation fans are fire resistant.

General Features

• It has EN 12101-3 and Ce certificates. • 2 hours continuous operation at 400 C and 300C • There is a wide product range from 400 mm to 1250 mm.

Rotor Features

• Fire resistant aluminum alloy casting blades and fan hub. • has the ability to work one-way and two-way. The blades are specially designed according to each direction type. • There is no aerodynamic loss in the case of reversible wing type operation. • Wings are airfoil and provide high aerodynamic performance in both unidirectional and bidirectional vanes. • Wing angles are adjustable. In this way, smoke discharge fans can be demanded at different flow rates and pressures.

• The fan part of the fan is dynamically balanced according to ISO 1940 and there is no eccentricity during the operation of the fan.

Body Features

• Fan body is steel sheet. Body is hot dip galvanized and corrosion resistant. • It has short type body and long type body types.

Motor Features

• Offers 2.4 and 6-pole motors
• The motors are IP 55 class and Class-H insulated.
• All electric motor models are approved for continuous operation (S1) and Emergency operation (S2).

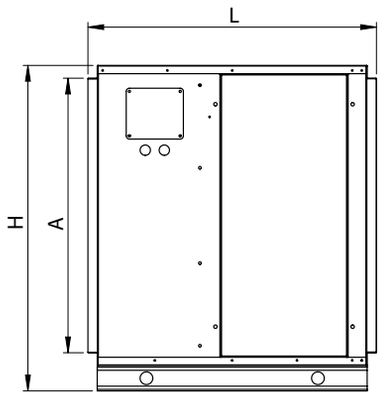
Ease of Maintenance

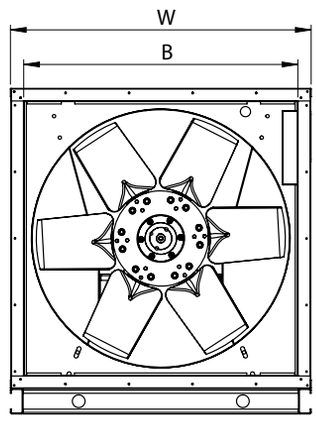
A maintenance cover is provided to ensure easy maintenance.

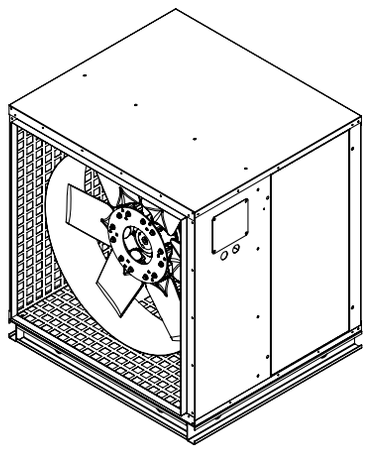
Usage Areas

Stair pressurization fan, fresh air fan, smoke is used as exhaust fan.

Technical Drawing and Tables







TYPE	L	W	H	A	B
ARMO-C 400	592	568	640	490	490
ARMO-C 450	592	568	640	490	490
ARMO-C 500	592	620	686	536	536
ARMO-C 560	745	707	775	624	624
ARMO-C 630	745	777	845	694	694
ARMO-C 710	910	857	925	774	774
ARMO-C 800	910	950	1025	865	865
ARMO-C 900	1065	1050	1125	965	965
ARMO-C 1000	1065	1150	1250	1069	1069
ARMO-C 1250	1065	1400	1500	1319	1319

Dimensions are in (mm)

2 POLE	SPEED	DIAMETER	POWER	CURRENT	AIR FLOW	WING ANGLE
TYPE	r.p.m	mm	kW	230V - 400V	m^3/h	
ARMO-C / 400-6 / 0,75 - 2A	2900	400	0,75	1,6	5250	16°
ARMO-C / 400-6 / 1,1 - 2A	2900	400	1,1	2,3	6904	22°
ARMO-C / 400-6 / 1,5 - 2A	2900	400	1,5	3,4	8978	30°
ARMO-C / 400-6 / 2,2 - 2A	2900	400	2,2	4,48	9975	34°
ARMO-C / 450-6 / 1,1 - 2A	2900	450	1,1	2,3	6248	10°
ARMO-C / 450-6 / 1,5 - 2A	2900	450	1,5	3,4	8610	16°
ARMO-C / 450-6 / 2,2 - 2A	2900	450	2,2	4,48	11970	24°
ARMO-C / 450-6 / 3 - 2A	2900	450	3	6	13545	28°
ARMO-C / 500-6 / 2,2 - 2A	2900	500	2,2	4,48	11000	14°
ARMO-C / 500-6 / 3 - 2A	2900	500	3	6	14595	20°
ARMO-C / 500-6 / 4 - 2A	2900	500	4	7,4	17325	26°
ARMO-C / 500-6 / 5,5 - 2A	2900	500	5,5	11	18375	28°
ARMO-C / 560-6 / 4 - 2A	2900	560	4	7,4	17850	14°
ARMO-C / 560-6 / 5,5 - 2A	2900	560	5,5	11	22313	20°
ARMO-C / 560-6 / 7,5 - 2A	2800	560	7,5	13,6	25725	24°
ARMO-C / 630-6 / 5,5 - 2A	2900	630	5,5	11	20475	10°
ARMO-C / 630-6 / 7,5 - 2A	2800	630	7,5	13,6	27300	16°

4 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-C / 500-6 / 0,55 - 4A	1415	500	0,55	1,6	8715	26
ARMO-C / 500-6 / 0,75 - 4A	1350	500	0,75	2,1	10290	32
ARMO-C / 500-6 / 1,1 - 4A	1400	500	1,1	2,6	12600	38
ARMO-C / 560-6 / 0,55 - 4A	1415	560	0,55	1,6	9870	16
ARMO-C / 560-6 / 0,75 - 4A	1350	560	0,75	2,1	12075	22
ARMO-C / 560-6 / 1,1 - 4A	1400	560	1,1	2,6	13860	26
ARMO-C / 560-6 / 1,5 - 4A	1405	560	1,5	3,5	15750	32
ARMO-C / 560-6 / 2,2 - 4A	1410	560	2,2	5	17850	38
ARMO-C / 630-6 / 0,75 - 4A	1350	630	0,75	2,1	10605	10
ARMO-C / 630-6 / 1,1 - 4A	1400	630	1,1	2,6	16275	20
ARMO-C / 630-6 / 1,5 - 4A	1405	630	1,5	3,5	18375	24
ARMO-C / 630-6 / 2,2 - 4A	1410	630	2,2	5	21525	30
ARMO-C / 630-6 / 3 - 4A	1410	630	3	6,6	24150	36
ARMO-C / 630-6 / 4 - 4A	1500	630	4	8,2	25200	38
ARMO-C / 710-3 / 0,75- 4A	1350	710	0,75	2,1	14175	10
ARMO-C / 710-3 / 1,1 - 4A	1400	710	1,1	2,6	18375	16
ARMO-C / 710-3 / 1,5 - 4A	1405	710	1,5	3,5	21000	20
ARMO-C / 710-3 / 2,2 - 4A	1410	710	2,2	5	24413	26
ARMO-C / 710-3 / 3 - 4A	1410	710	3	6,6	27825	32
ARMO-C / 710-6 / 1,1 - 4A	1400	710	1,1	2,6	16275	12
ARMO-C / 710-6 / 1,5 - 4A	1405	710	1,5	3,5	20475	18
ARMO-C / 710-6 / 2,2 - 4A	1410	710	2,2	5	23625	22
ARMO-C / 710-6 / 3 - 4A	1410	710	3	6,6	28350	28
ARMO-C / 710-6 / 4 - 4A	1415	710	4	8,2	31500	32
ARMO-C / 800-6 / 2,2 - 4A	1410	800	2,2	5	24150	14
ARMO-C / 800-6 / 3 - 4A	1410	800	3	6,6	30450	20
ARMO-C / 800-6 / 4 - 4A	1415	800	4	8,2	32550	22
ARMO-C / 800-6 / 5,5 - 4A	1430	800	5,5	11,2	38850	28
ARMO-C / 800-6 / 7,5 - 4A	1440	800	7,5	15,4	42525	32
ARMO-C / 800-9 / 2,2 - 4A	1410	800	2,2	5	16275	10
ARMO-C / 800-9 / 3 - 4A	1410	800	3	6,6	21525	14
ARMO-C / 800-9 / 4 - 4A	1415	800	4	8,2	29400	20
ARMO-C / 800-9 / 5,5 - 4A	1430	800	5,5	11,2	36488	26
ARMO-C / 800-9 / 7,5 - 4A	1440	800	7,5	15,4	40950	30
ARMO-C / 800-9 / 11 - 4A	1450	800	11	21	43050	32
ARMO-C / 900-6 / 4 - 4A	1415	900	4	8,2	31500	12
ARMO-C / 900-6 / 5,5 - 4A	1430	900	5,5	11,2	38850	16
ARMO-C / 900-6 / 7,5 - 4A	1440	900	7,5	15,4	47775	22
ARMO-C / 900-6 / 11 - 4A	1450	900	11	21	56700	28
ARMO-C / 900-6 / 15 - 4A	1450	900	15	29,3	60900	32
ARMO-C / 900-9 / 4 - 4A	1415	900	4	8,2	26775	10
ARMO-C / 900-9 / 5,5 - 4A	1430	900	5,5	11,2	34125	14
ARMO-C / 900-9 / 7,5 - 4A	1440	900	7,5	15,4	41213	18
ARMO-C / 900-9 / 11 - 4A	1450	900	11	21	54600	26
ARMO-C / 900-9 / 15 - 4A	1450	900	15	29,3	63525	32
ARMO-C / 1000-6 / 5,5 - 4A	1430	1000	5,5	11,2	38850	12
ARMO-C / 1000-6 / 7,5 - 4A	1440	1000	7,5	15,4	47775	18
ARMO-C / 1000-6 / 11 - 4A	1450	1000	11	21	56700	22
ARMO-C / 1000-6 / 15 - 4A	1450	1000	15	29,3	60900	28
ARMO-C / 1000-6 / 18,5 - 4A	1455	1000	18,5	34,5	56700	32
ARMO-C / 1000-9 / 7,5 - 4A	1440	1000	7,5	15,4	43050	12
ARMO-C / 1000-9 / 11 - 4A	1450	1000	11	21	55650	18
ARMO-C / 1000-9 / 15 - 4A	1450	1000	15	29,3	69300	24
ARMO-C / 1000-9 / 18,5 - 4A	1455	1000	18,5	34,5	77700	28
ARMO-C / 1000-9 / 22 - 4A	1460	1000	22	42,5	81900	30
ARMO-C / 1000-9 / 30 - 4A	1460	1000	30	55	86100	32
ARMO-C / 1250-6 / 15 - 4A	1450	1250	15	29,3	90300	12
ARMO-C / 1250-6 / 18,5 - 4A	1455	1250	18,5	34,5	103950	16
ARMO-C / 1250-6 / 22 - 4A	1460	1250	22	42,5	109725	18
ARMO-C / 1250-6 / 30 - 4A	1460	1250	30	55	122850	22
ARMO-C / 1250-6 / 37 - 4A	1470	1250	37	67	136500	26
ARMO-C / 1250-6 / 45 - 4A	1475	1250	45	80	155400	32
ARMO-C / 1250-9 / 18,5 - 4A	1455	1250	18,5	34,5	89250	12
ARMO-C / 1250-9 / 22 - 4A	1460	1250	22	42,5	97650	14
ARMO-C / 1250-9 / 30 - 4A	1460	1250	30	55	114975	18
ARMO-C / 1250-9 / 37 - 4A	1470	1250	37	67	131250	22
ARMO-C / 1250-9 / 45 - 4A	1475	1250	45	80	138600	24

6 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-C / 500-6 / 0,37 - 6A	900	500	0,37	1,1	8400	38
ARMO-C / 560-6 / 0,37 - 6A	900	560	0,37	1,1	10500	32
ARMO-C / 560-6 / 0,55 - 6A	930	560	0,55	1,5	11760	38
ARMO-C / 630-6 / 0,37 - 6A	900	630	0,37	1,1	11576	22
ARMO-C / 630-6 / 0,55 - 6A	930	630	0,55	1,5	13650	28
ARMO-C / 630-6 / 0,75 - 6A	945	630	0,75	2	14963	32
ARMO-C / 630-6 / 1,1 - 6A	945	630	1,1	2,9	16800	38
ARMO-C / 710-3 / 0,37 - 6A	900	710	0,37	1,1	13125	18
ARMO-C / 710-3 / 0,55 - 6A	930	710	0,55	1,5	16538	26
ARMO-C / 710-3 / 0,75 - 6A	945	710	0,75	2	18900	32
ARMO-C / 710-6 / 1,1 - 6A	945	710	1,1	2,9	11025	12
ARMO-C / 710-6 / 1,5 - 6A	945	710	1,5	3,6	13000	16
ARMO-C / 710-6 / 2,2 - 6A	950	710	2,2	5,4	13750	22
ARMO-C / 710-6 / 3 - 6A	950	710	3	6,9	18900	28
ARMO-C / 710-6 / 4 - 6A	955	710	4	9	21000	32
ARMO-C / 800-6 / 0,55 - 6A	930	800	0,55		13125	10
ARMO-C / 800-6 / 1,1 - 6A	945	800	1,1	2,9	22050	22
ARMO-C / 800-6 / 1,5 - 6A	945	800	1,5	3,6	25200	26
ARMO-C / 800-6 / 2,2 - 6A	950	800	2,2	5,4	28350	32
ARMO-C / 800-9 / 0,75 - 6A	945	800	0,75	2	14700	14
ARMO-C / 800-9 / 1,1 - 6A	945	800	1,1	2,9	19950	20
ARMO-C / 800-9 / 1,5 - 6A	945	800	1,5	3,6	23100	24
ARMO-C / 800-9 / 2,2 - 6A	950	800	2,2	5,4	27300	30
ARMO-C / 800-9 / 3 - 6A	950	800	3	6,9	28350	32
ARMO-C / 900-6 / 1,1 - 6A	945	900	1,1	2,9	23100	14
ARMO-C / 900-6 / 1,5 - 6A	945	900	1,5	3,6	25200	16
ARMO-C / 900-6 / 2,2 - 6A	950	900	2,2	5,4	31500	22
ARMO-C / 900-6 / 3 - 6A	950	900	3	6,9	36750	28
ARMO-C / 900-6 / 4 - 6A	955	900	4	9	40950	32
ARMO-C / 900-9 / 1,5 - 6A	945	900	1,5	3,6	23100	14
ARMO-C / 900-9 / 2,2 - 6A	950	900	2,2	5,4	27300	20
ARMO-C / 900-9 / 3 - 6A	950	900	3	6,9	35700	24
ARMO-C / 900-9 / 4 - 6A	955	900	4	9	39900	30
ARMO-C / 900-9 / 5,5 - 6A	985	900	5,5	12,3	43050	32
ARMO-C / 1000-6 / 1,5- 6A	945	1000	1,5	3,6	26250	10
ARMO-C / 1000-6 / 2,2- 6A	950	1000	2,2	5,4	34650	16
ARMO-C / 1000-6 / 3 - 6A	950	1000	3	6,9	44100	22
ARMO-C / 1000-6 / 4 - 6A	955	1000	4	9	49350	26
ARMO-C / 1000-6 / 5,5 - 6A	985	1000	5,5	12,3	55650	32
ARMO-C / 1000-9 / 2,2- 6A	950	1000	2,2	5,4	32550	14
ARMO-C / 1000-9 / 3 - 6A	950	1000	3	6,9	39900	20
ARMO-C / 1000-9 / 4 - 6A	955	1000	4	9	43050	22
ARMO-C / 1000-9 / 5,5 - 6A	985	1000	5,5	12,3	52500	28
ARMO-C / 1000-9 / 7,5 - 6A	960	1000	5,5	15	57750	32
ARMO-C / 1250-6 / 4 - 6A	955	1250	4	9	60900	12
ARMO-C / 1250-6 / 5,5 - 6A	985	1250	5,5	12,3	63300	16
ARMO-C / 1250-6 / 7,5 - 6A	960	1250	7,5	15	76650	20
ARMO-C / 1250-6 / 11 - 6A	960	1250	11	22	92400	26
ARMO-C / 1250-6 / 15 - 6A	965	1250	15	29	105000	32
ARMO-C / 1250-9 / 7,5 - 6A	960	1250	7,5	15	73500	16
ARMO-C / 1250-9 / 11 - 6A	960	1250	11	22	88200	22
ARMO-C / 1250-9 / 15 - 6A	965	1250	15	29	105000	28
ARMO-C / 1250-9 / 18,5 - 6A	970	1250	18,5	36,5	115500	32

Accessories


BSC-F


BDEB


BDH


BDKS


BFG2


BFG3

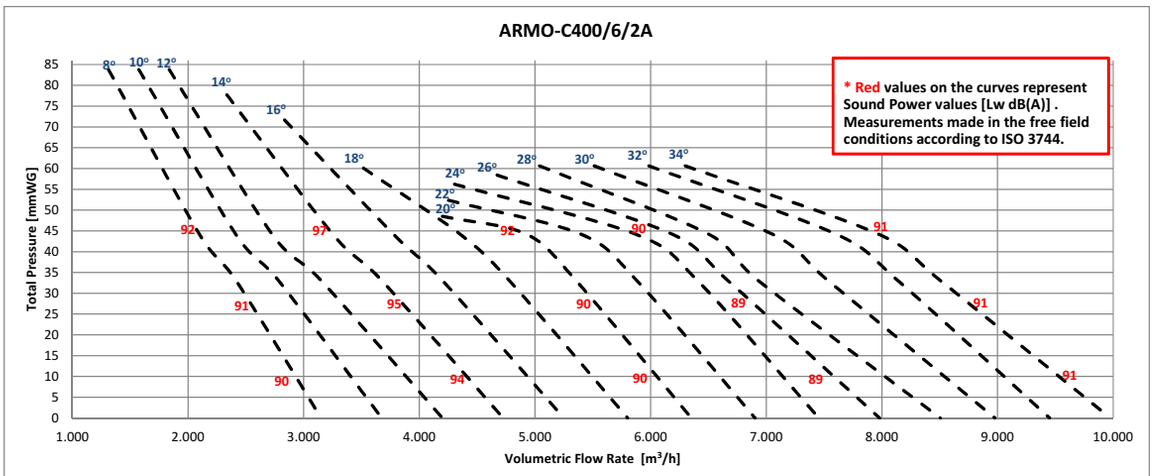

BFG4

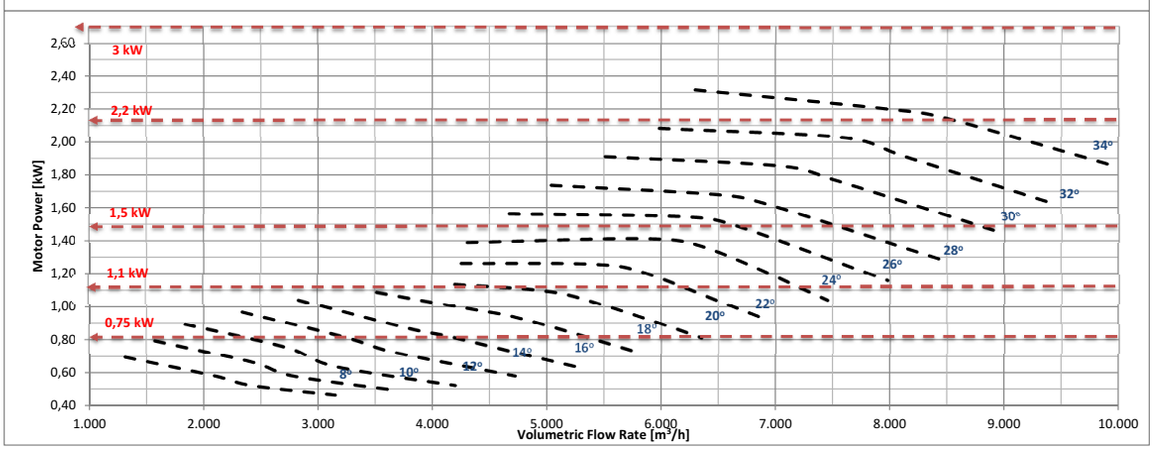

BFH13


BTY

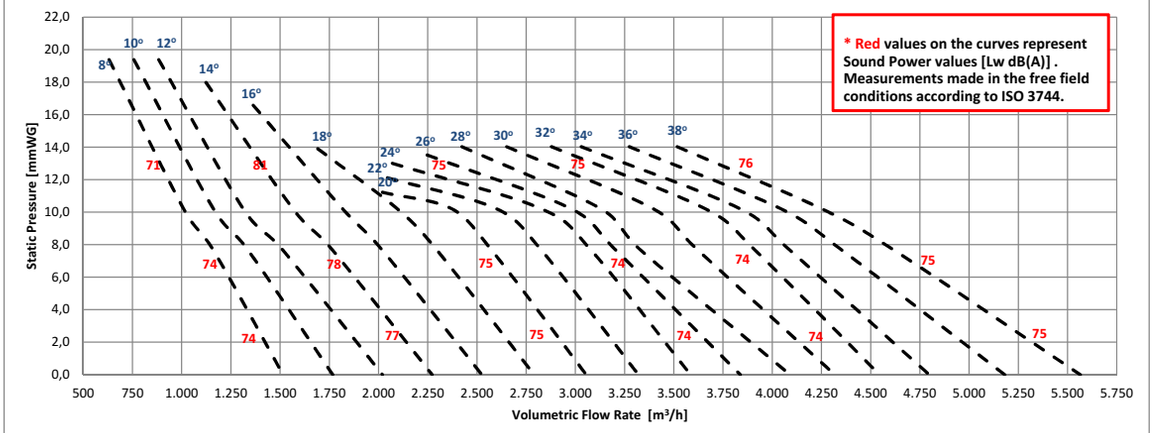

BBDD

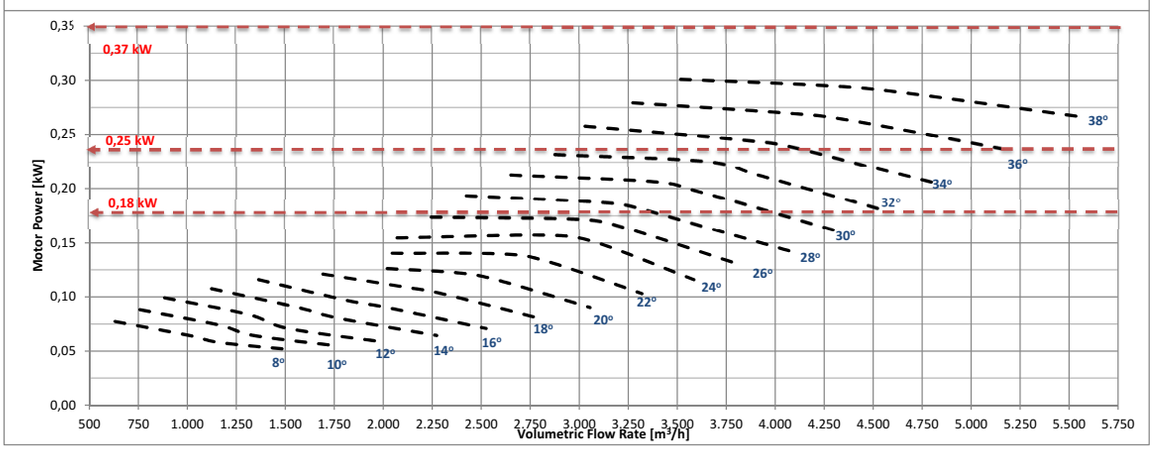
ARMO-C400/6/2A

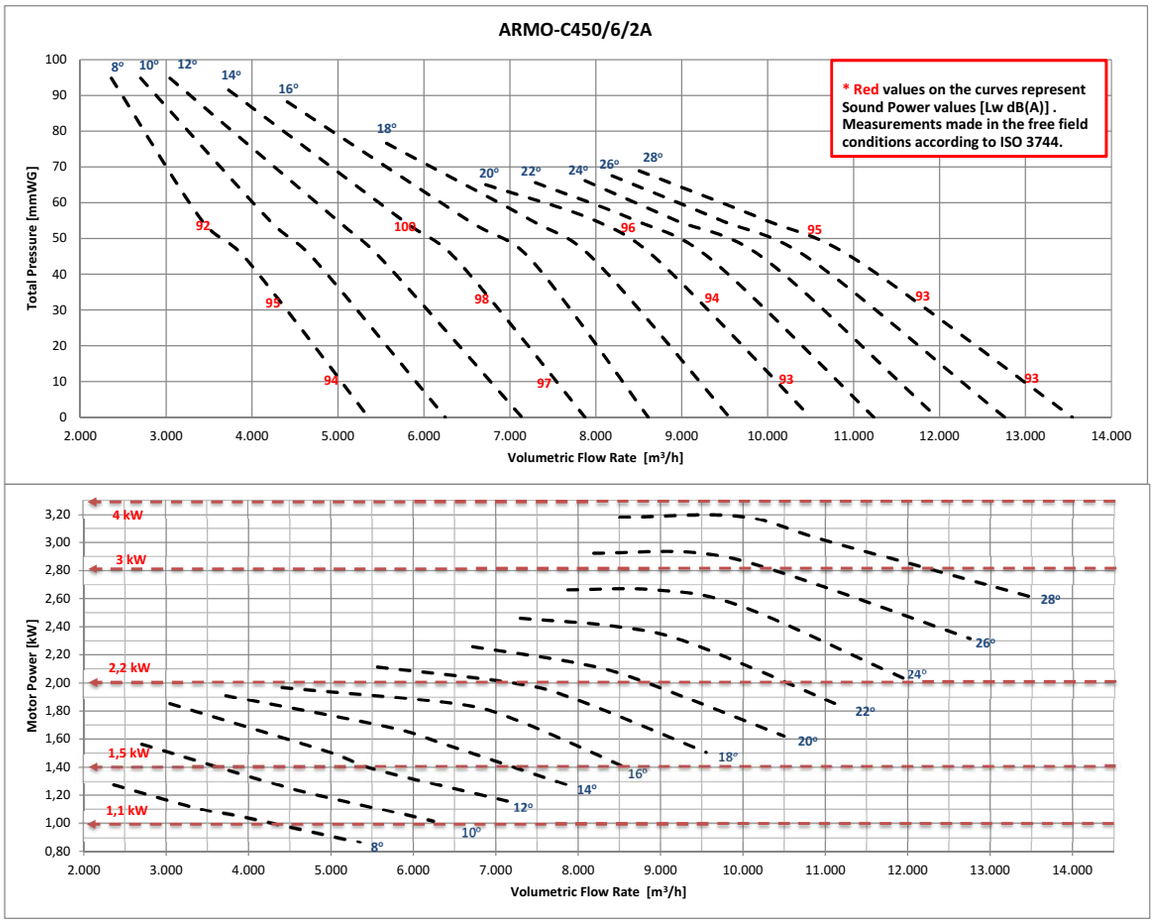


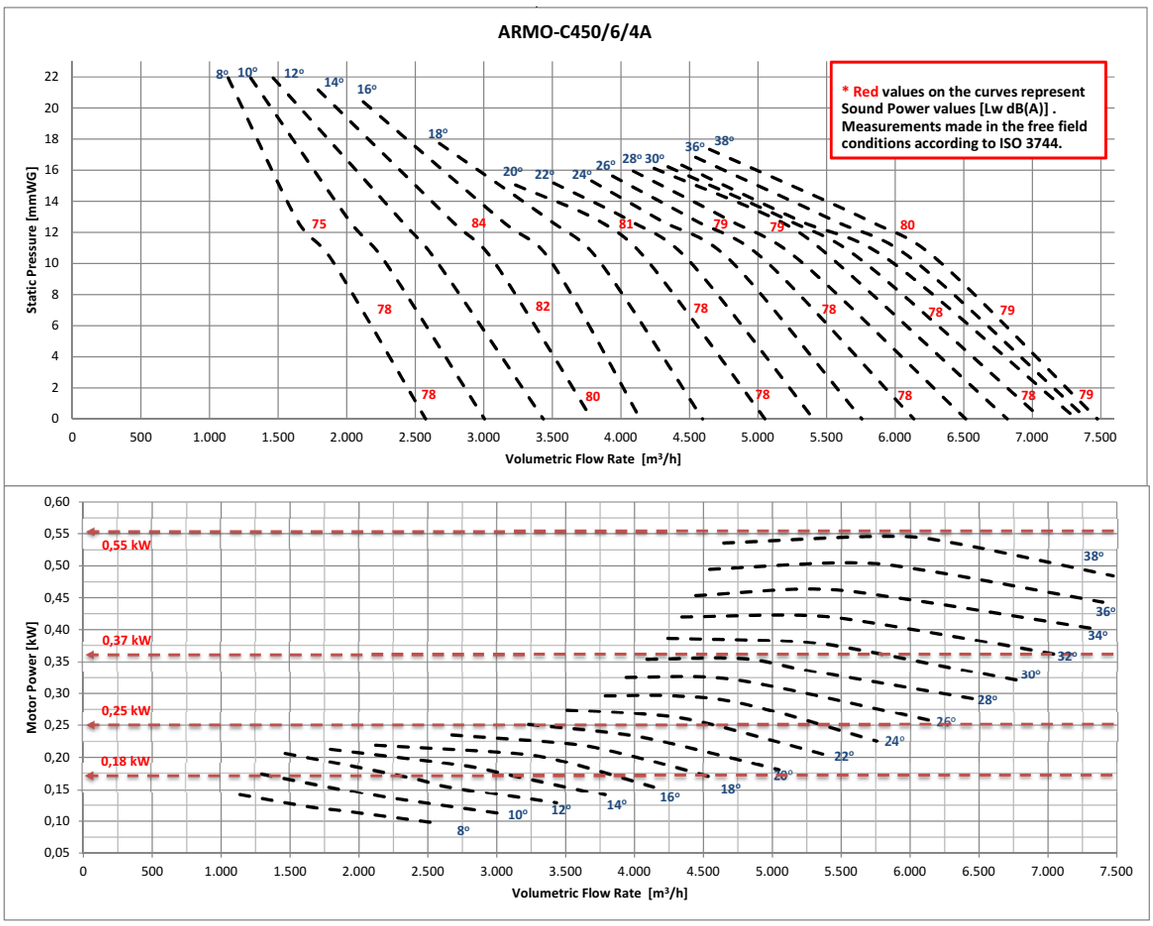


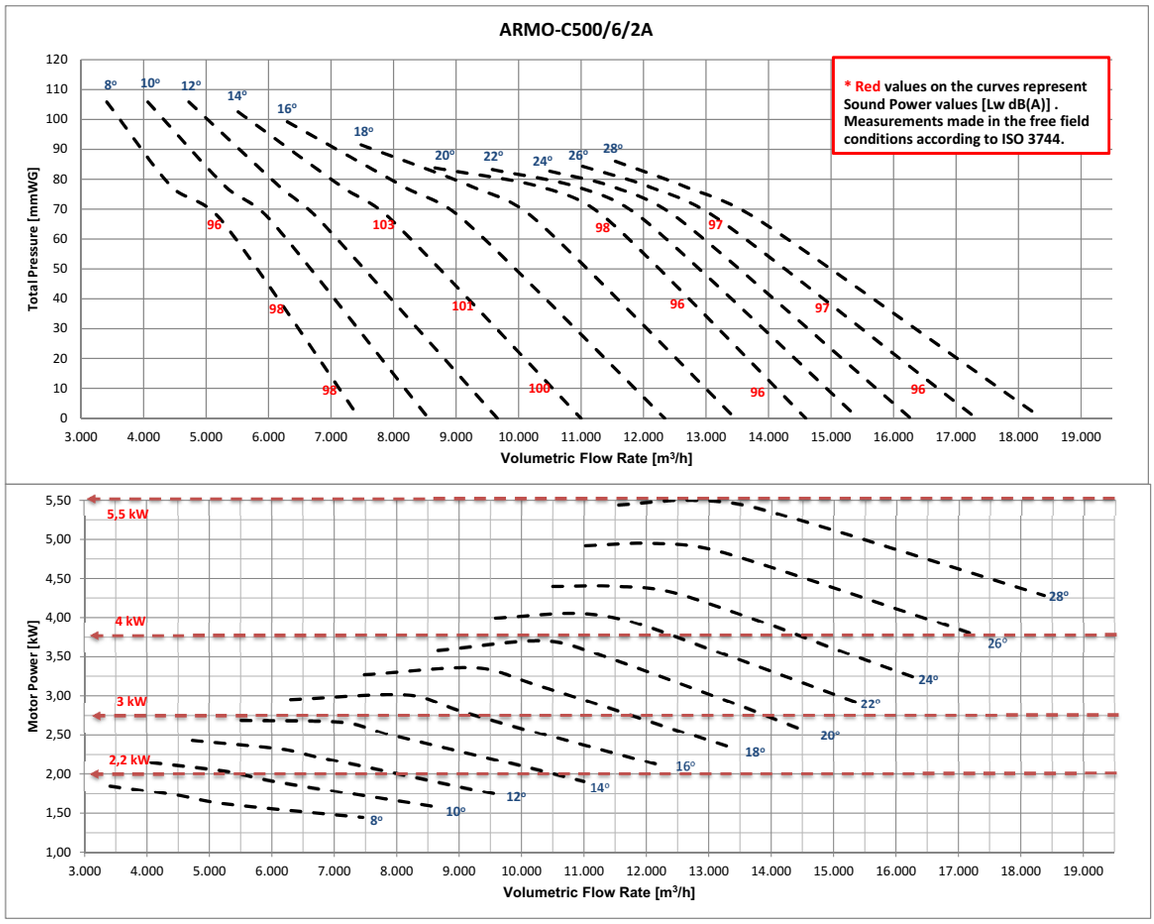
ARMO-C400/6/4A

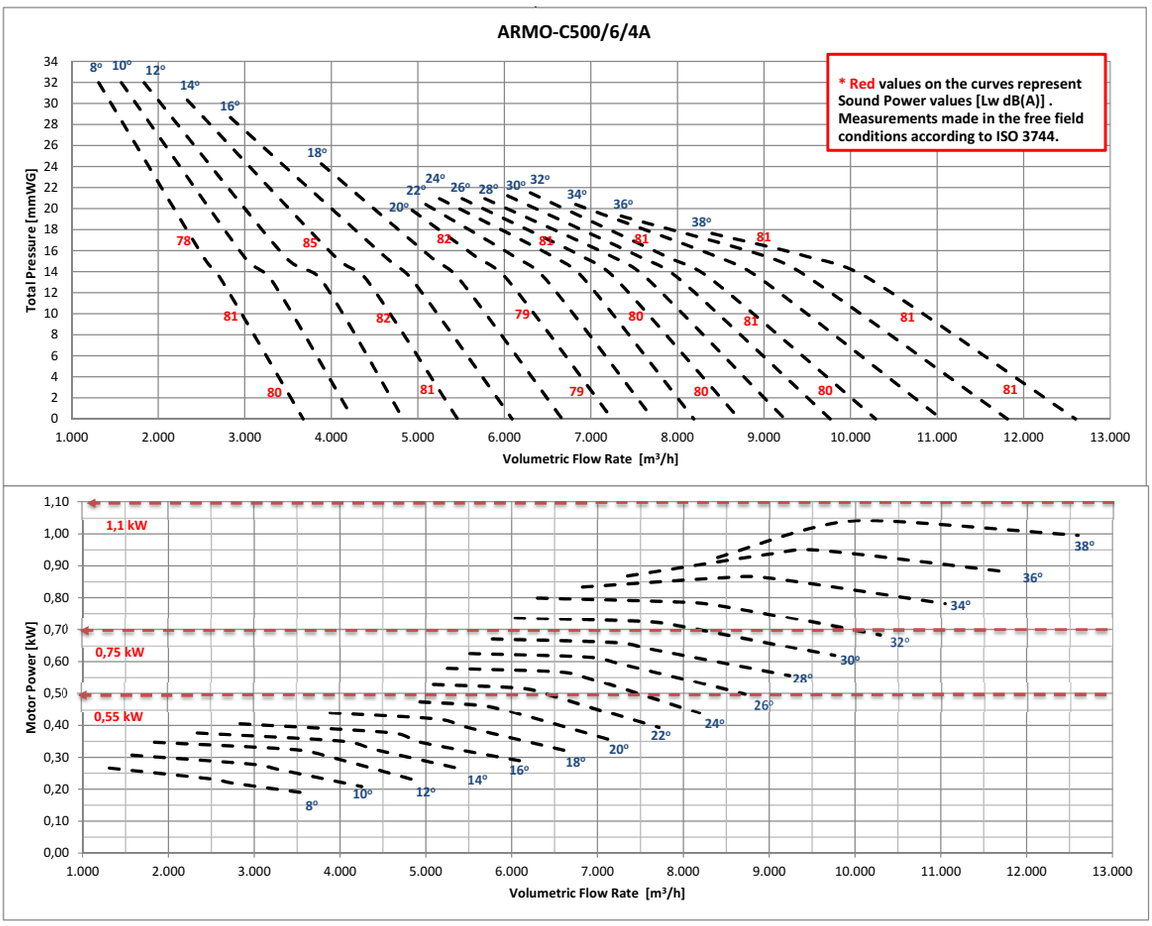




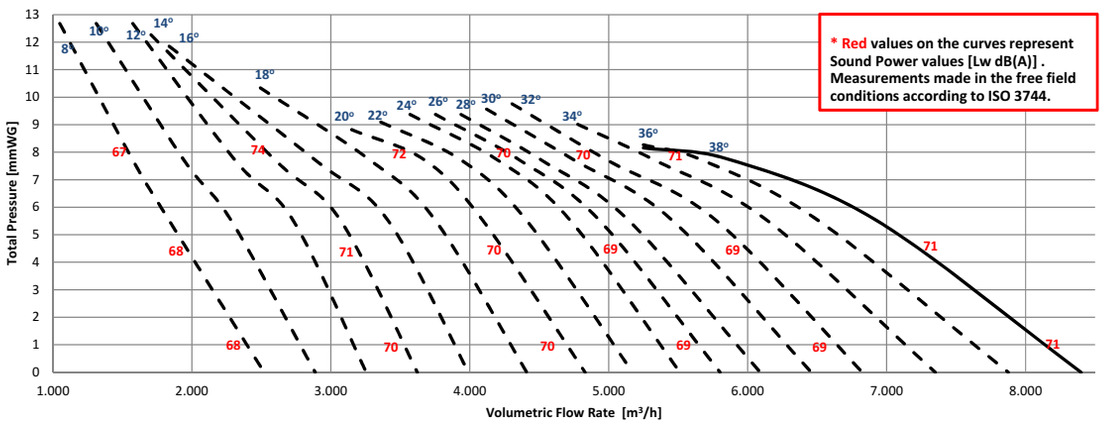

ARMO-C450/6/2A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW

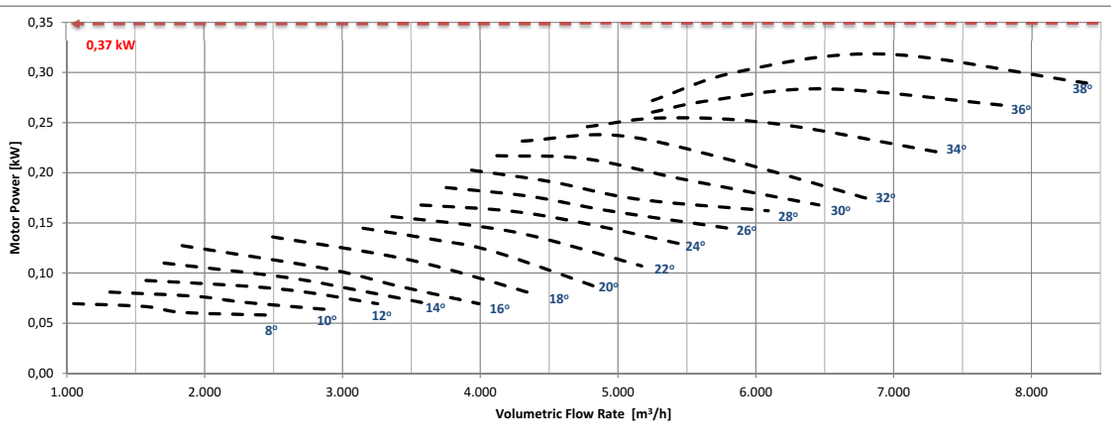

ARMO-C450/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Static Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
0,55 kW
0,37 kW
0,25 kW
0,18 kW


ARMO-C500/6/2A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
5,5 kW
4 kW
3 kW
2,2 kW

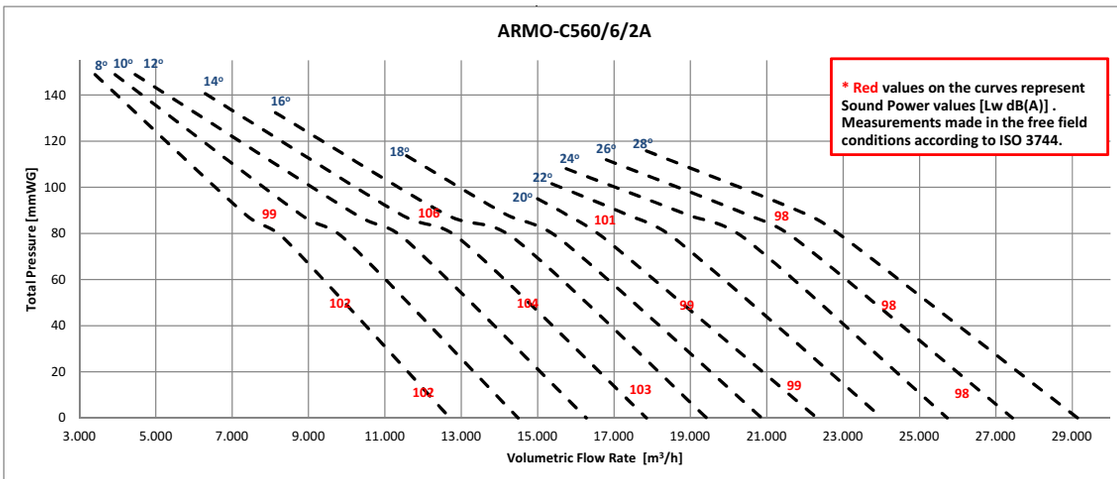

ARMO-C500/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
1,1 kW
0,75 kW
0,55 kW

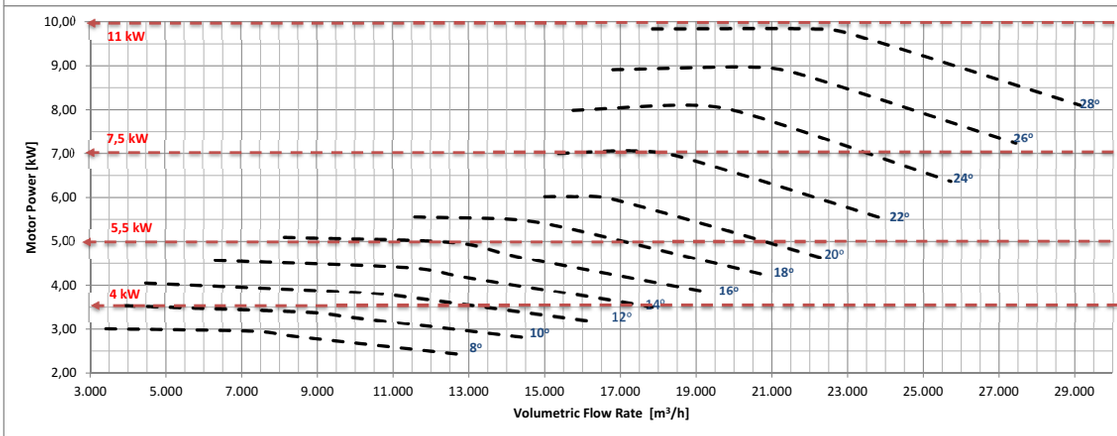
ARMO-C500/6/6A

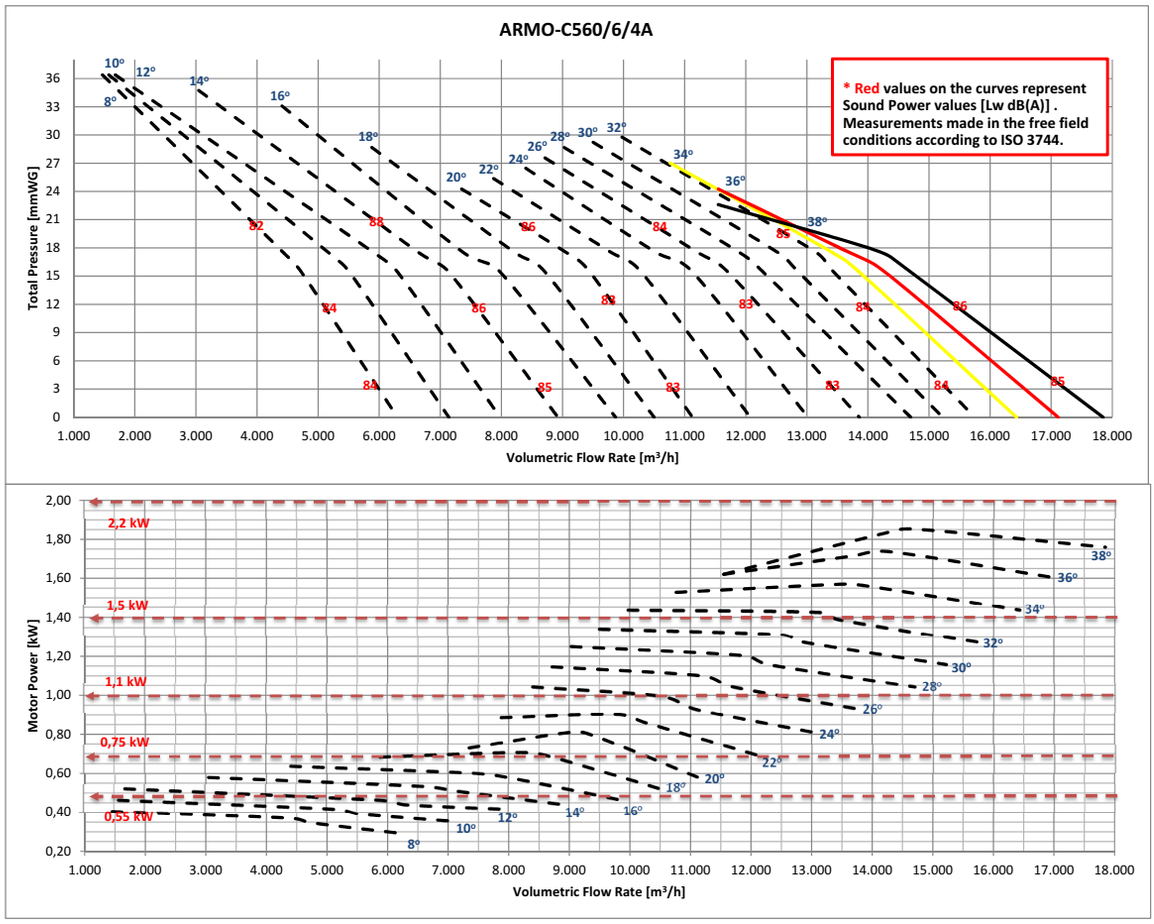


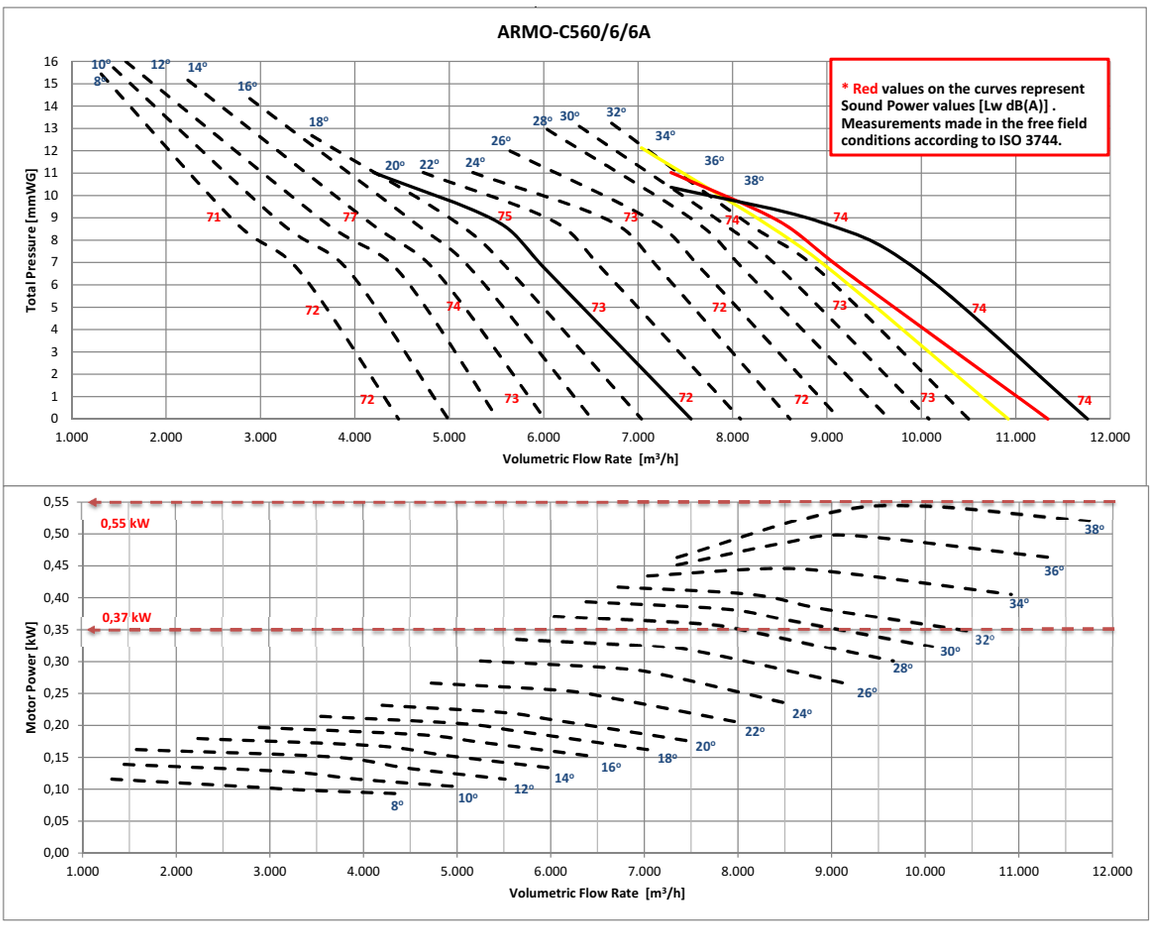


ARMO-C560/6/2A

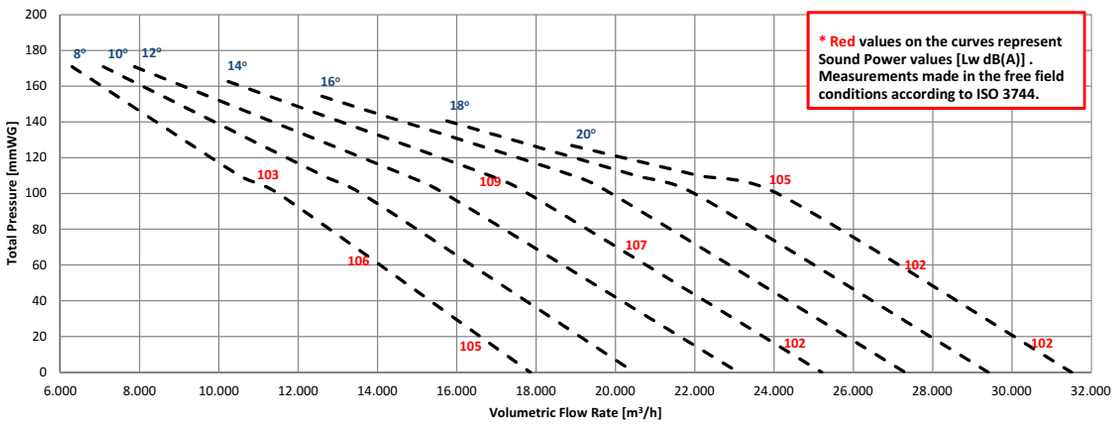


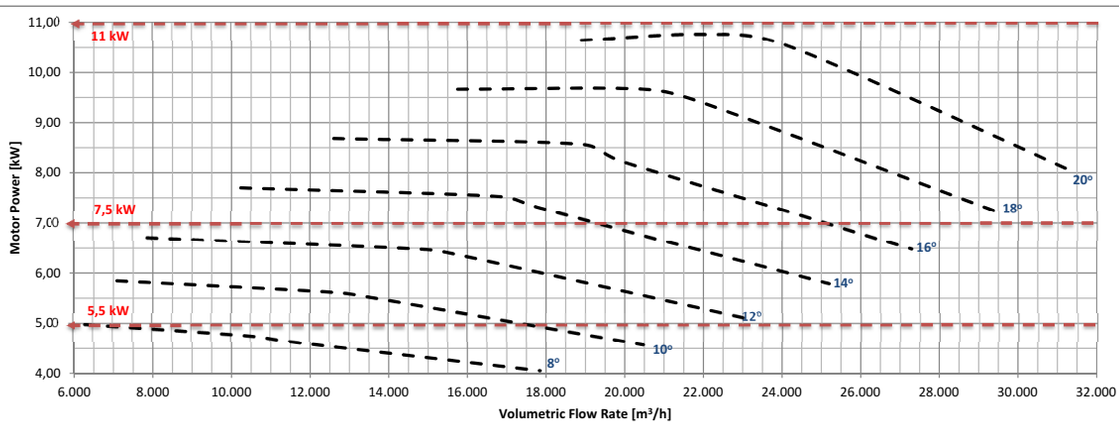



ARMO-C560/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
2,2 kW
1,5 kW
1,1 kW
0,75 kW
0,55 kW

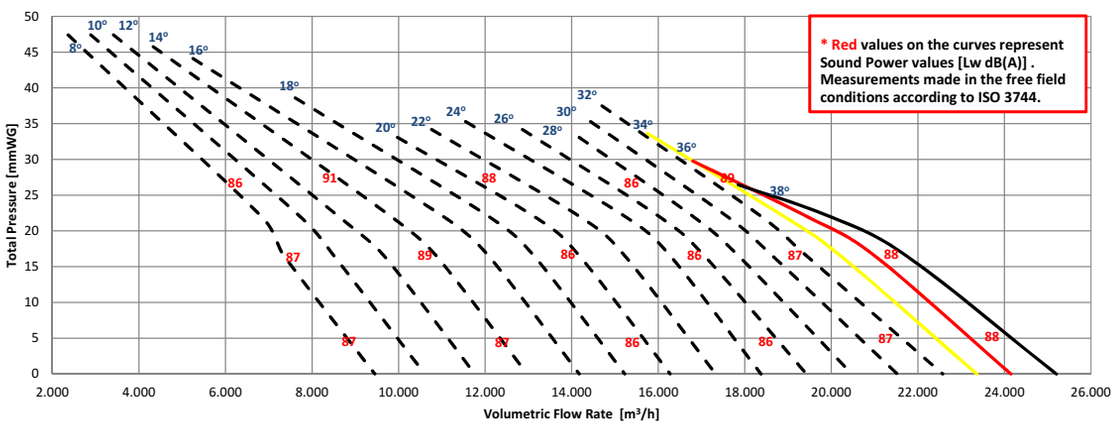

ARMO-C560/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
0,55 kW
0,37 kW

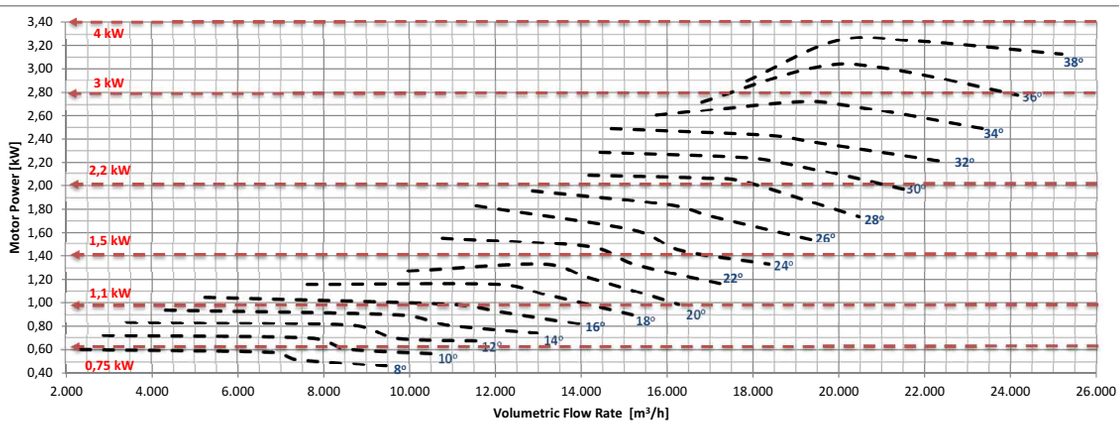
ARMO-C630/6/2A



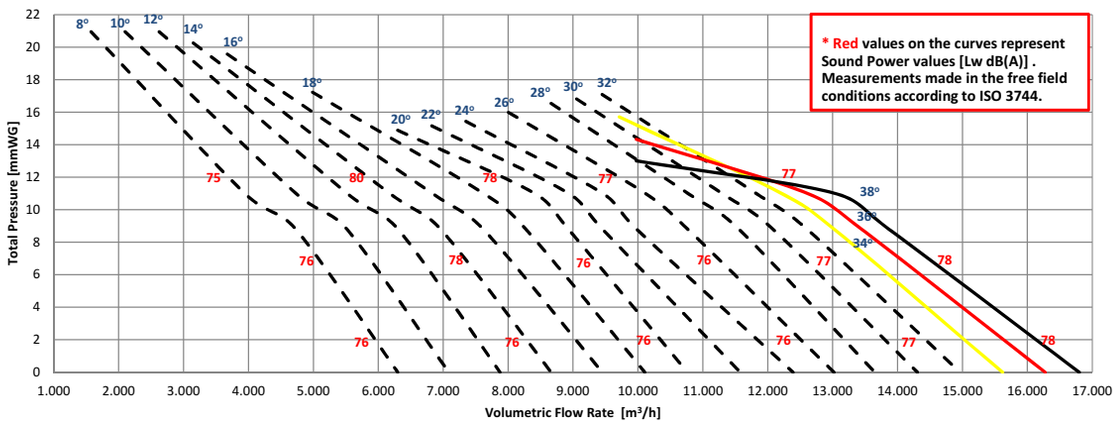


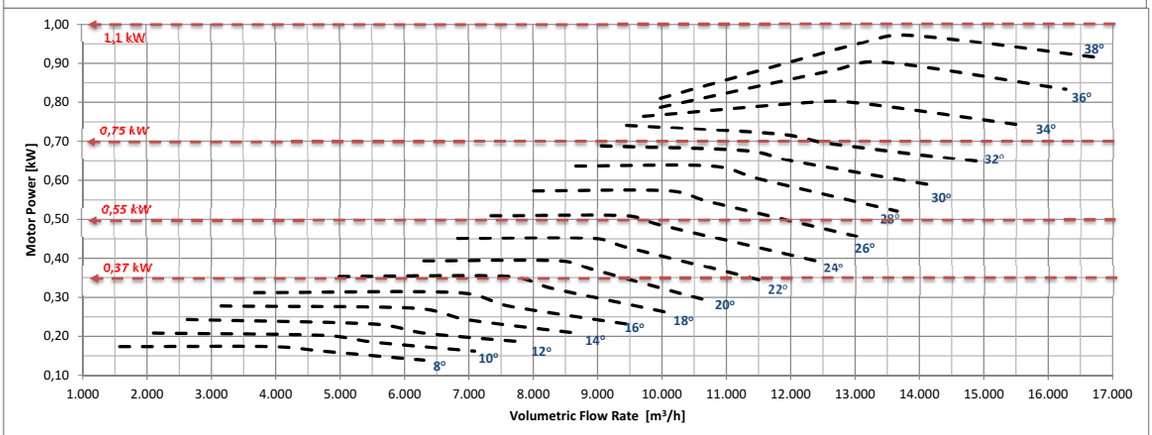
ARMO-C630/6/4A



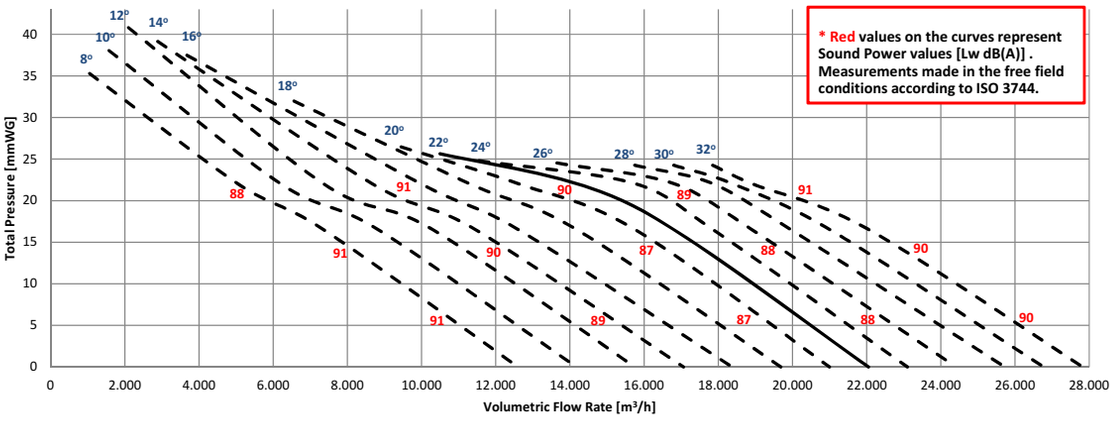


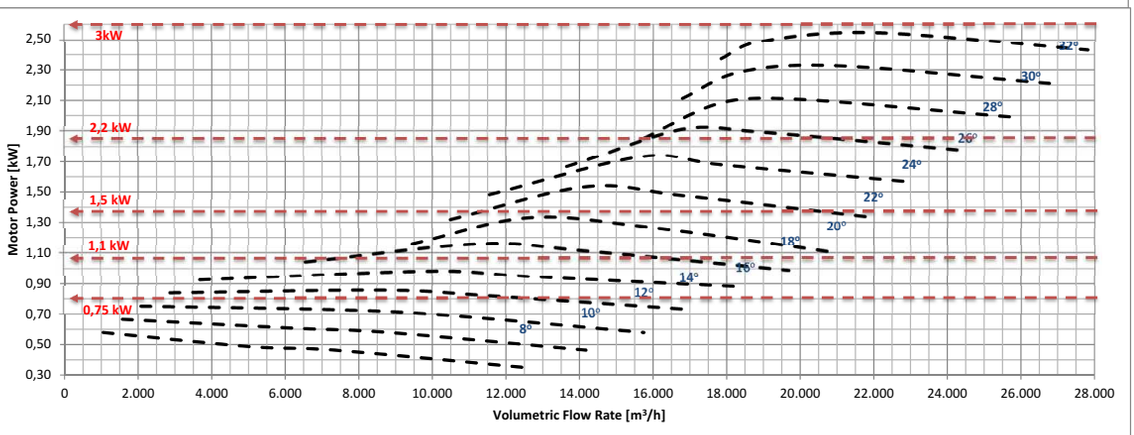
ARMO-C630/6/6A

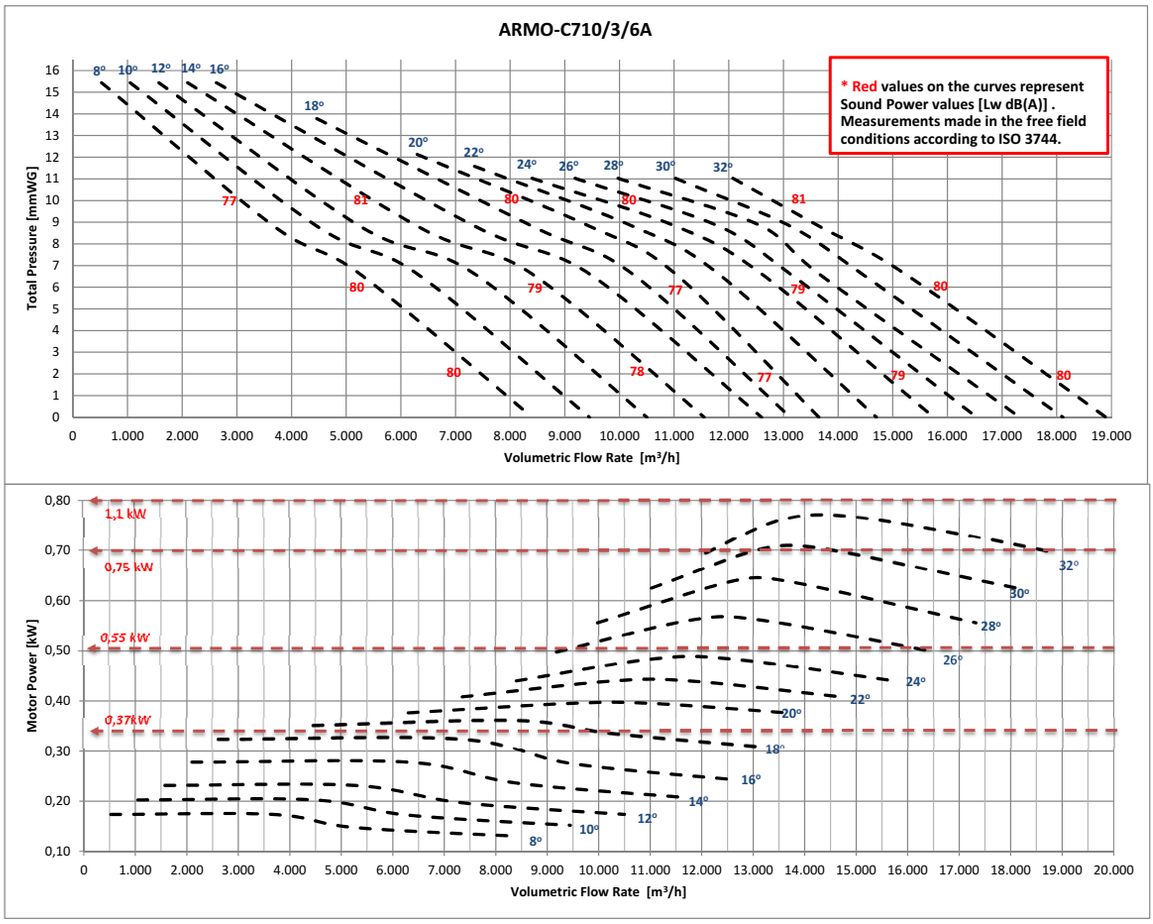


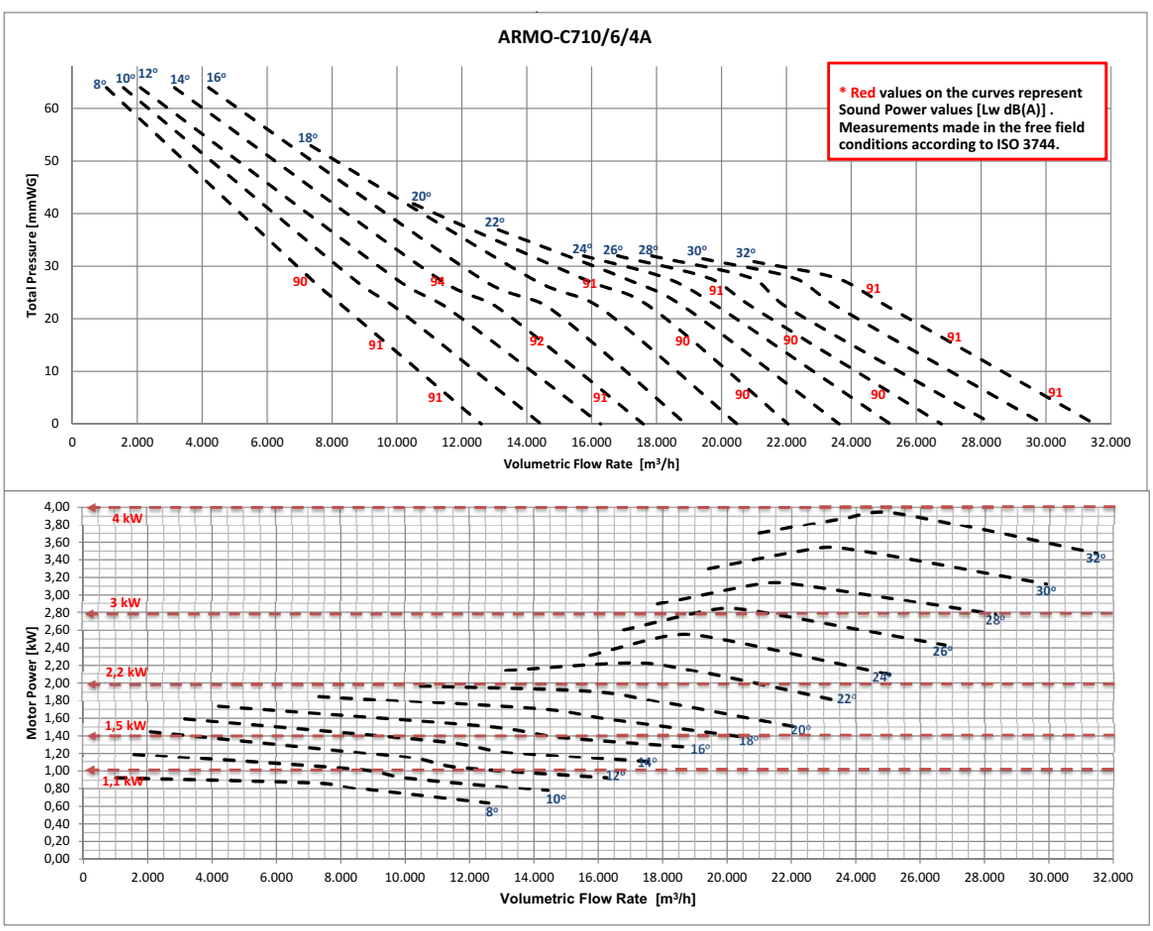


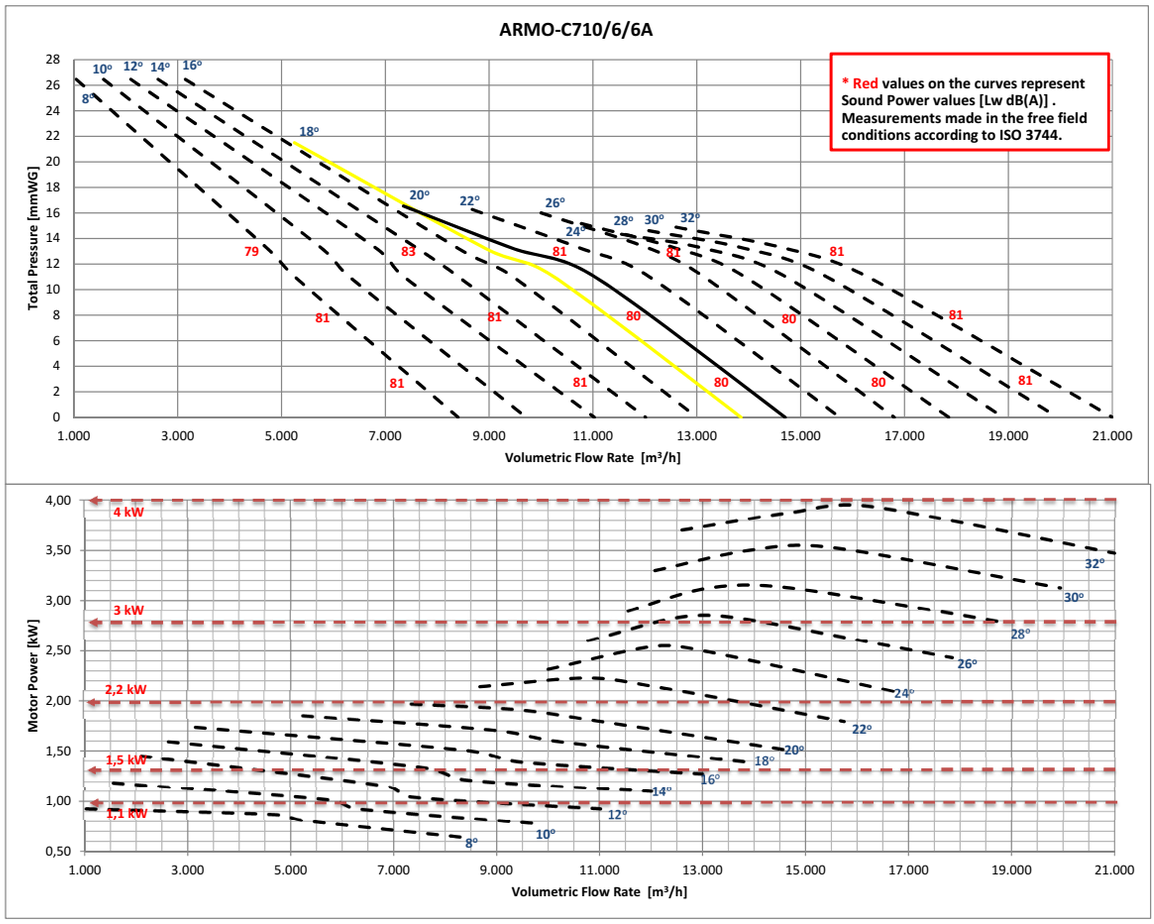
ARMO-C710/3/4A

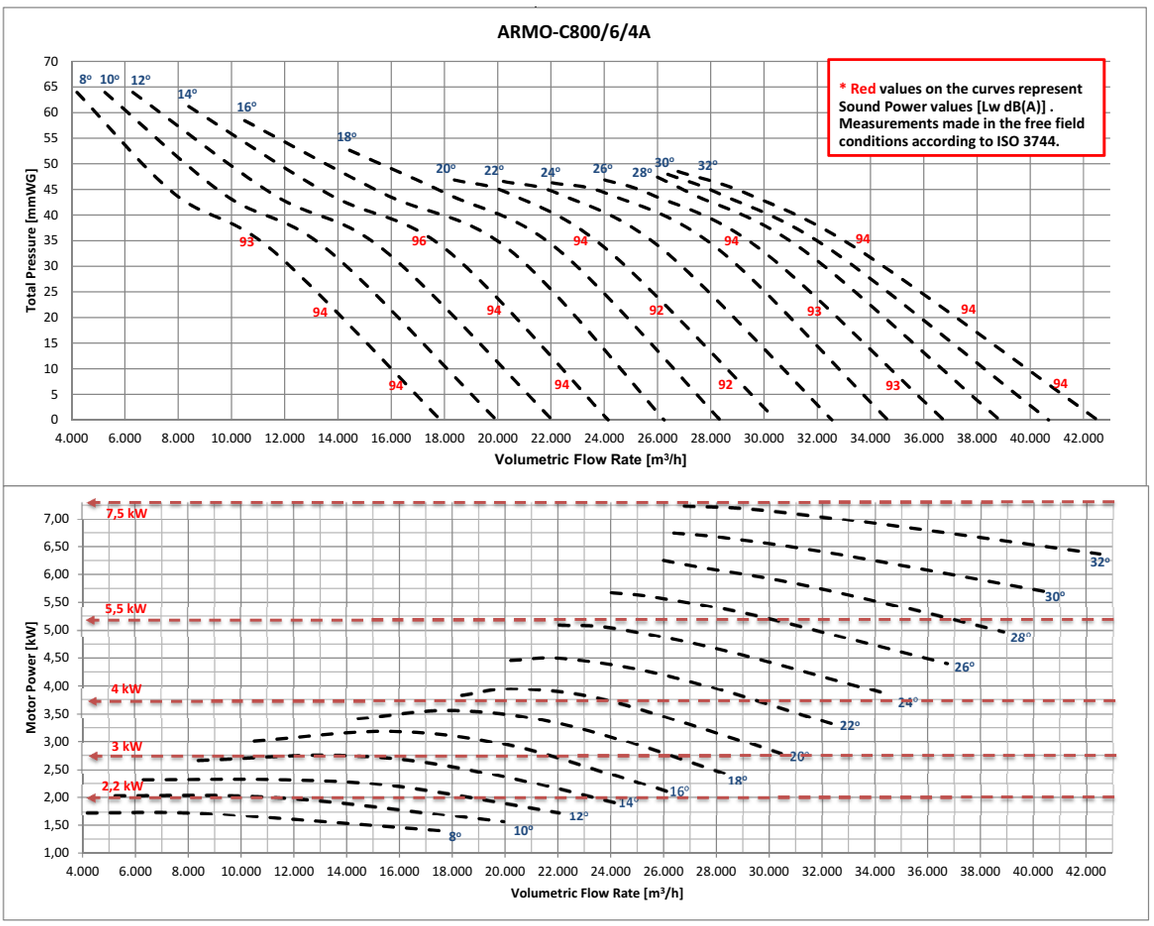




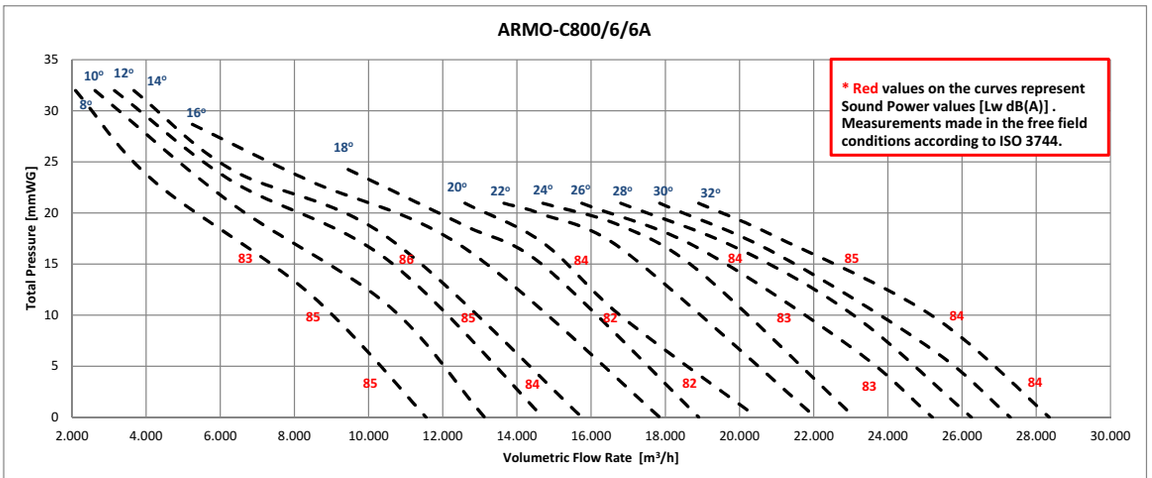

ARMO-C710/3/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
1,1 kW
0,75 kW
0,55 kW
0,37kW

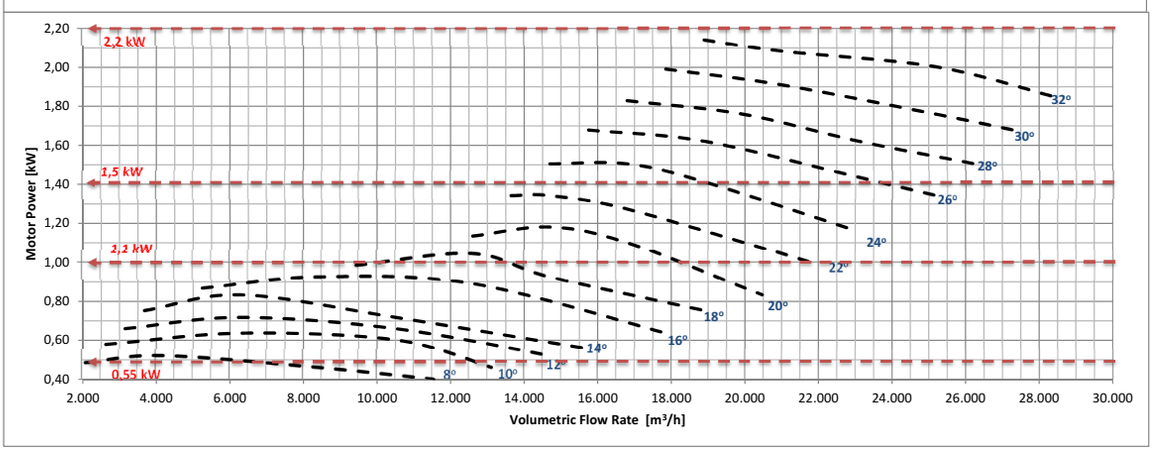

ARMO-C710/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW


ARMO-C710/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW

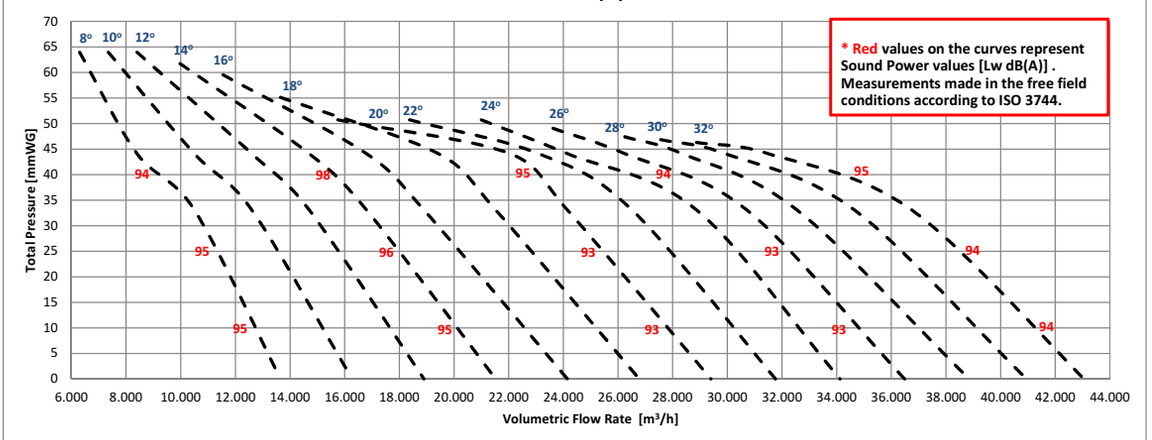

ARMO-C800/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
7,5 kW
5,5 kW
4 kW
3 kW
2,2 kW

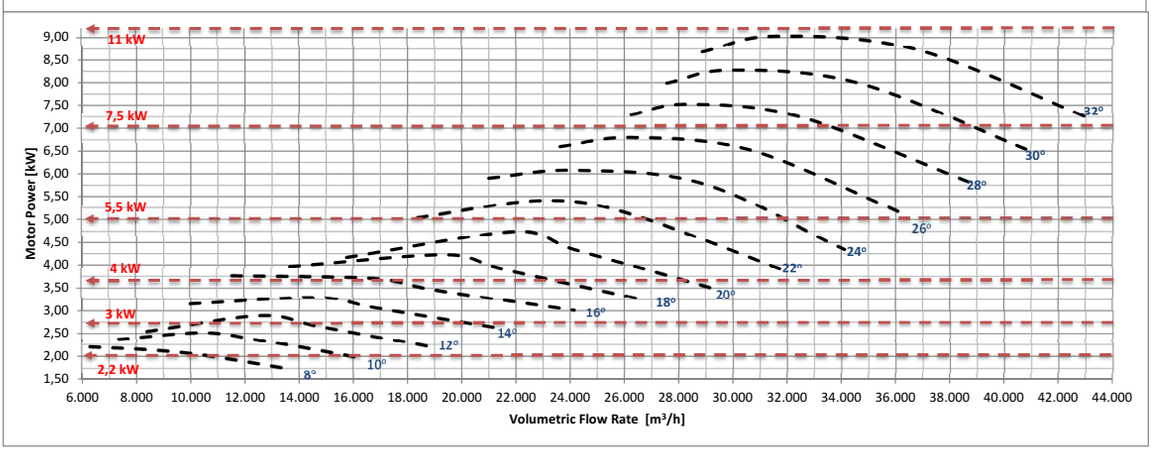
ARMO-C800/6/6A

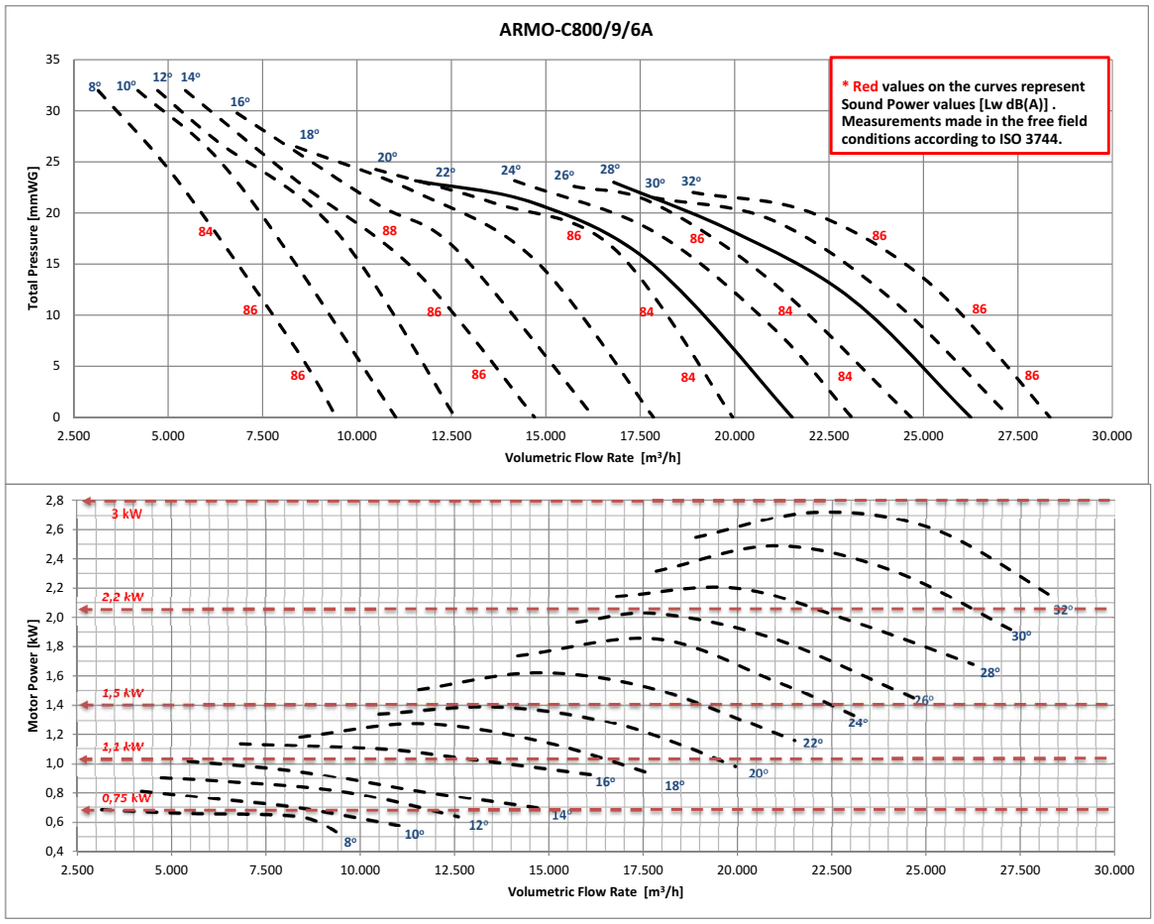


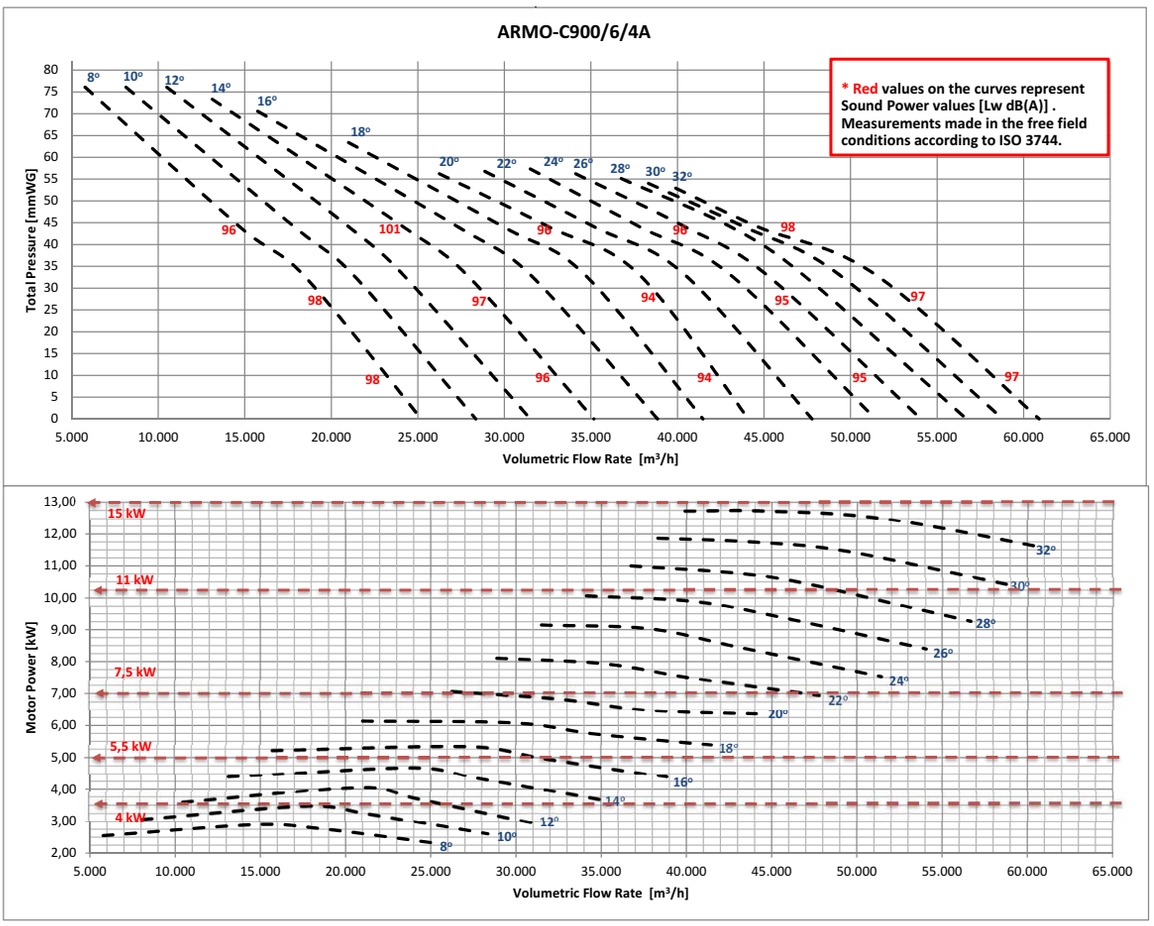


ARMO-C800/9/4A

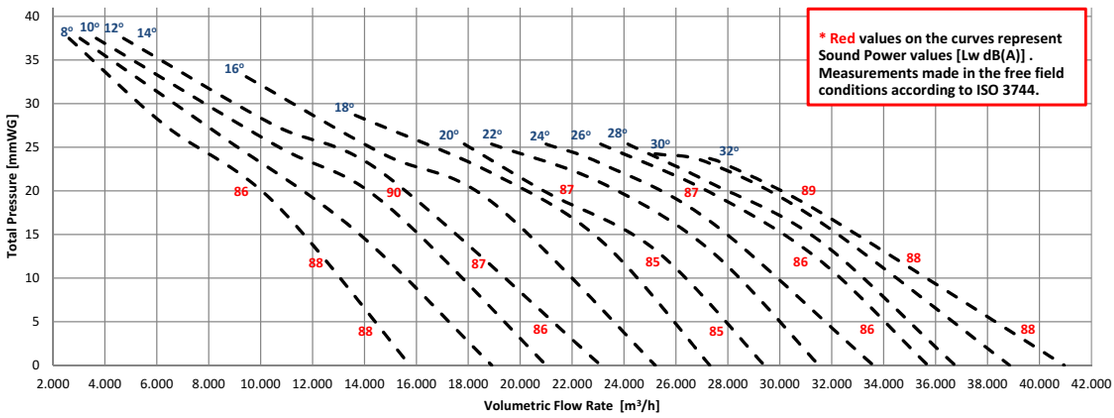


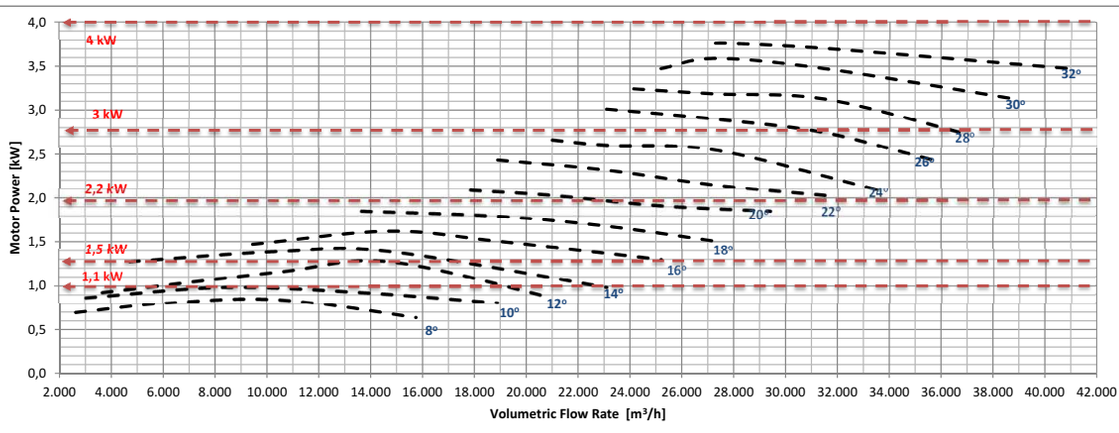



ARMO-C800/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
3 kW
2,2 kW
1,5 kW
1,1 kW
0,75 kW

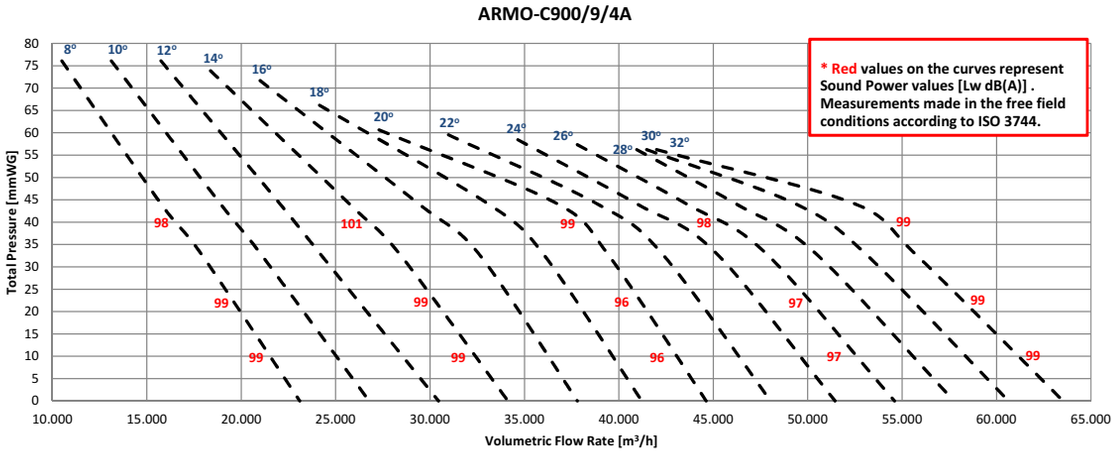

ARMO-C900/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
15 kW
11 kW
7,5 kW
5,5 kW
4 kW

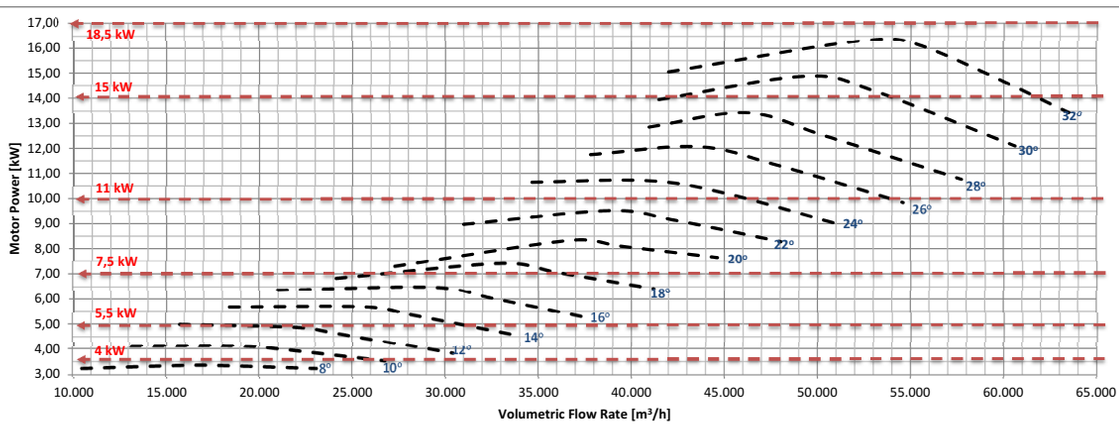
ARMO-C900/6/6A



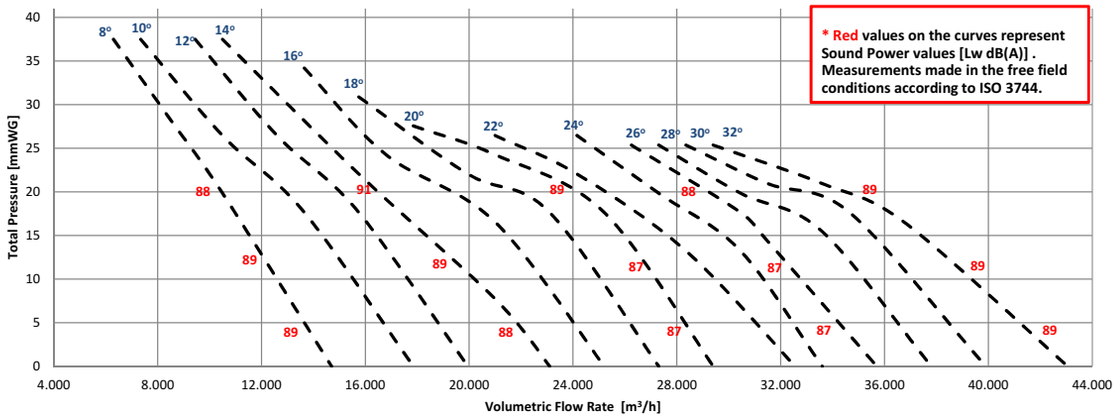


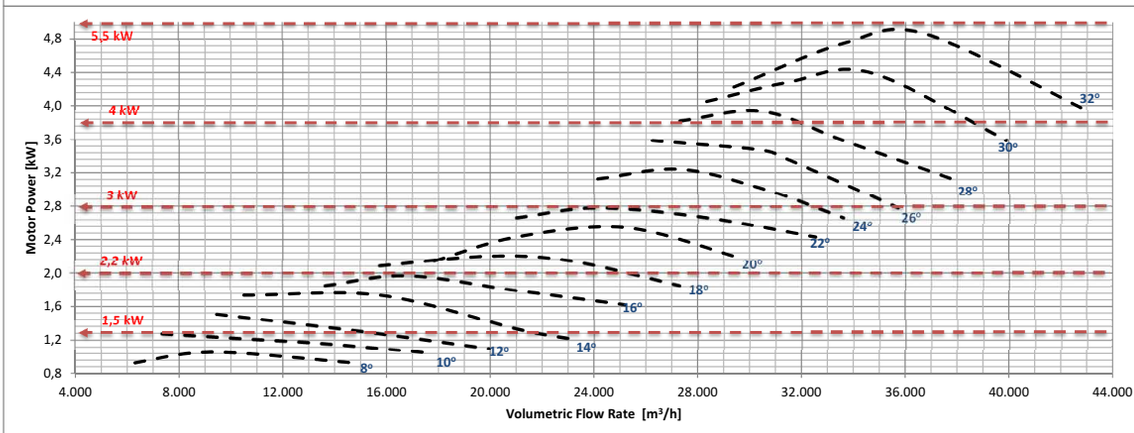
ARMO-C900/9/4A



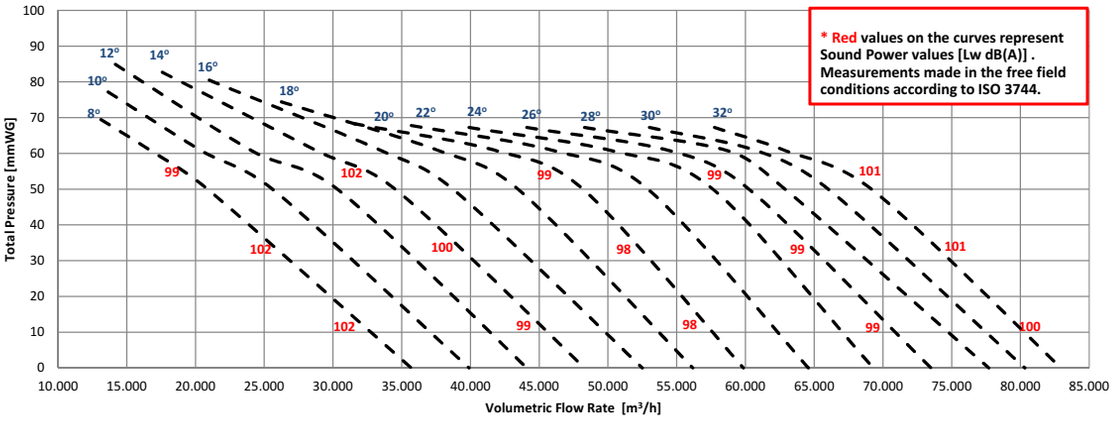


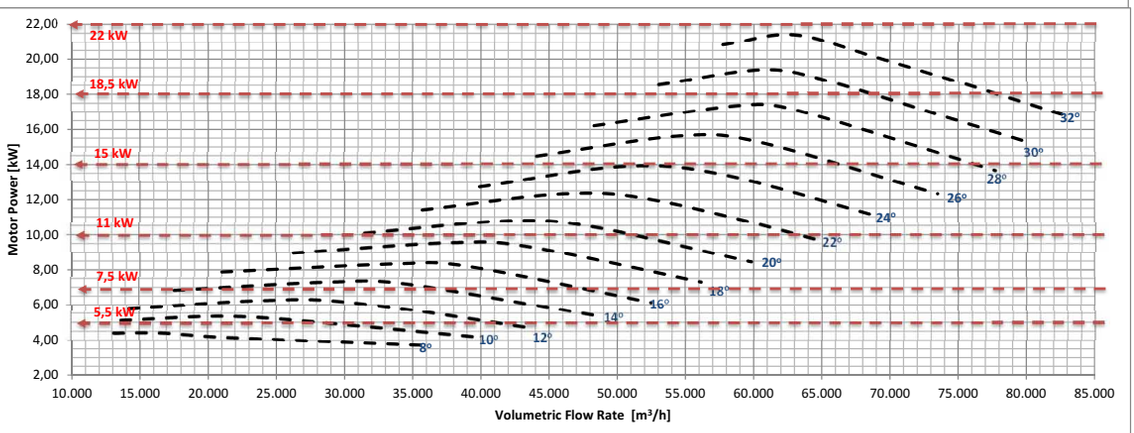
ARMO-C900/9/6A

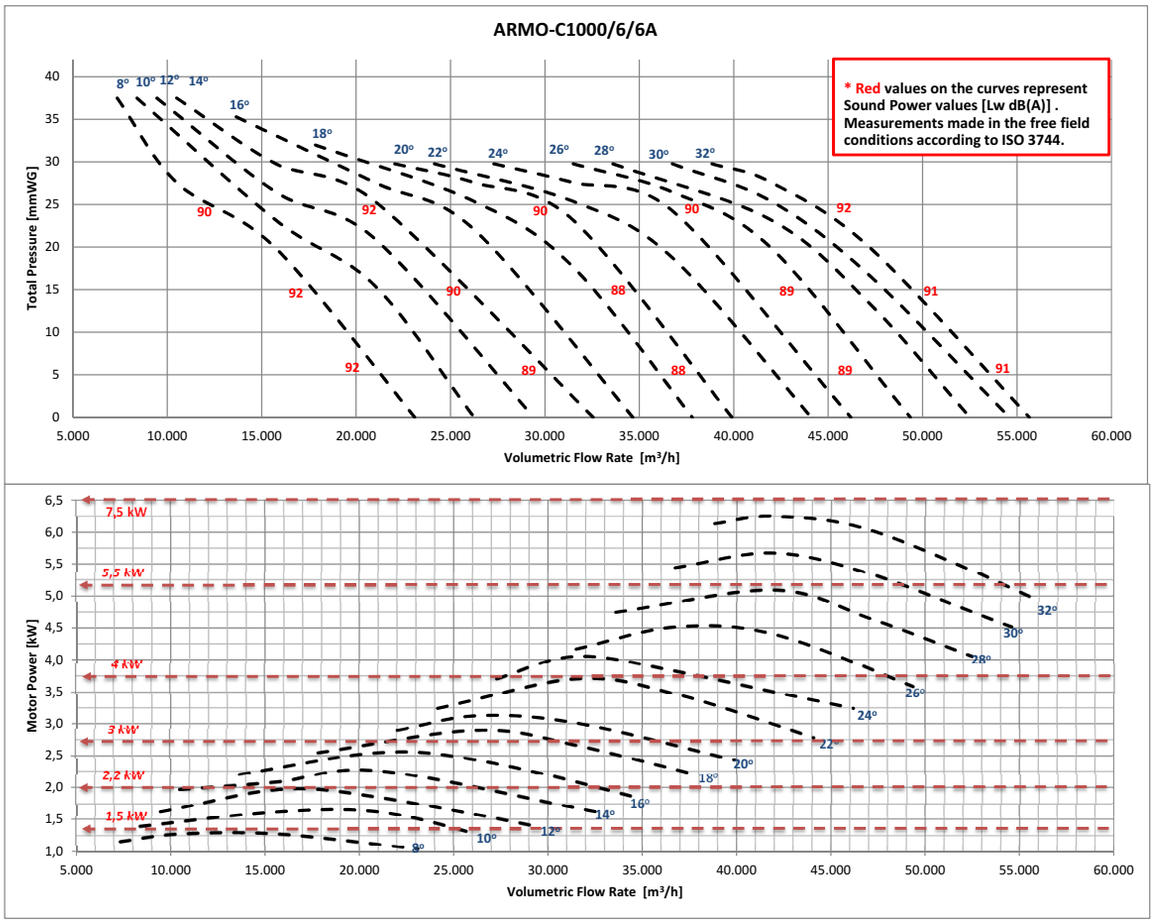


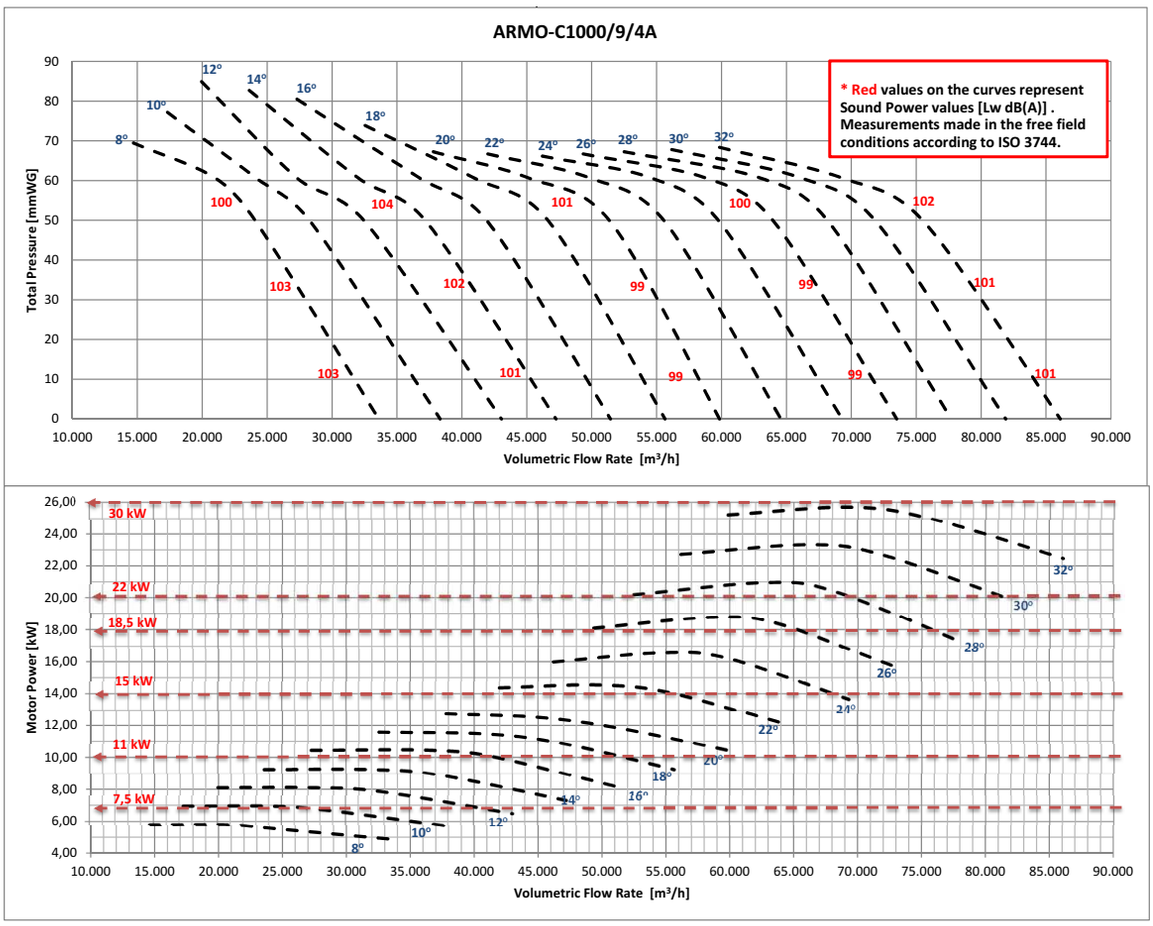


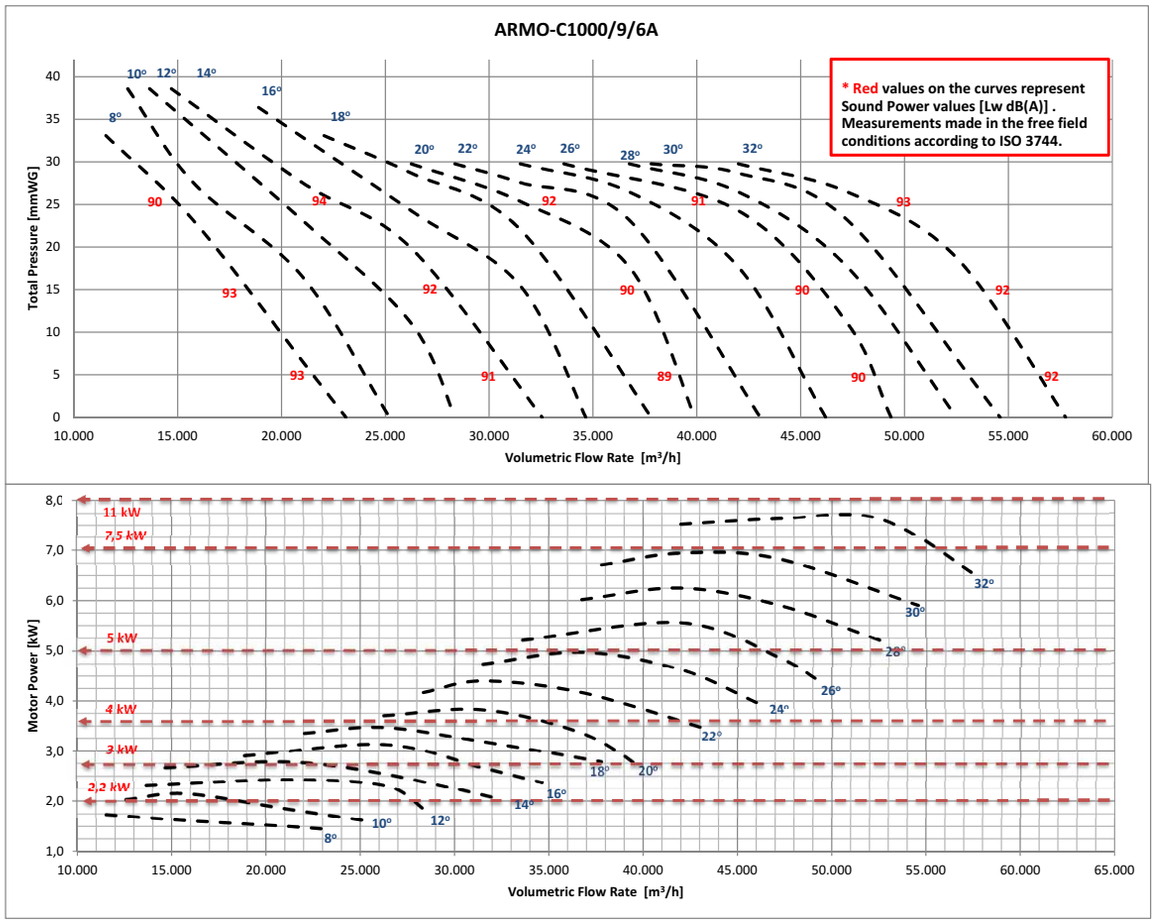
ARMO-C1000/6/4A

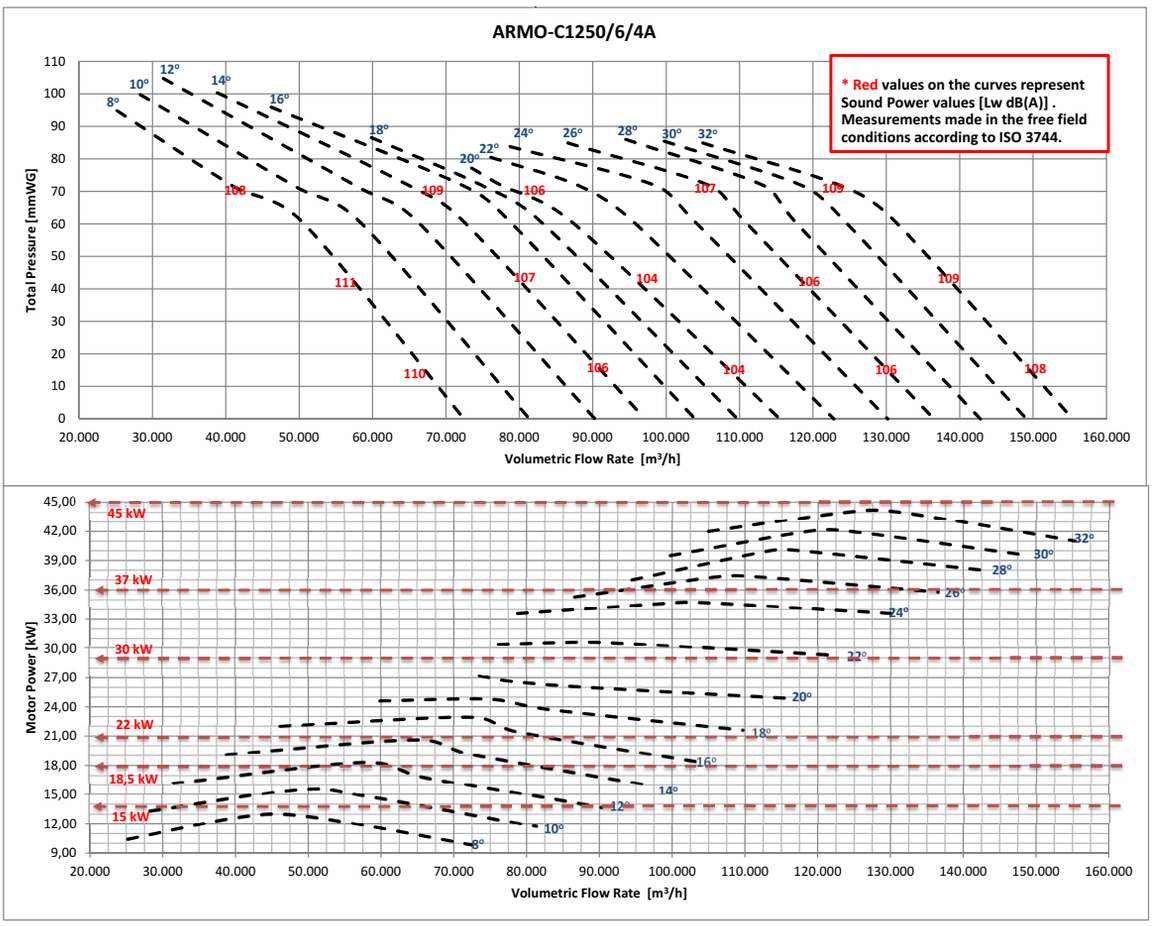




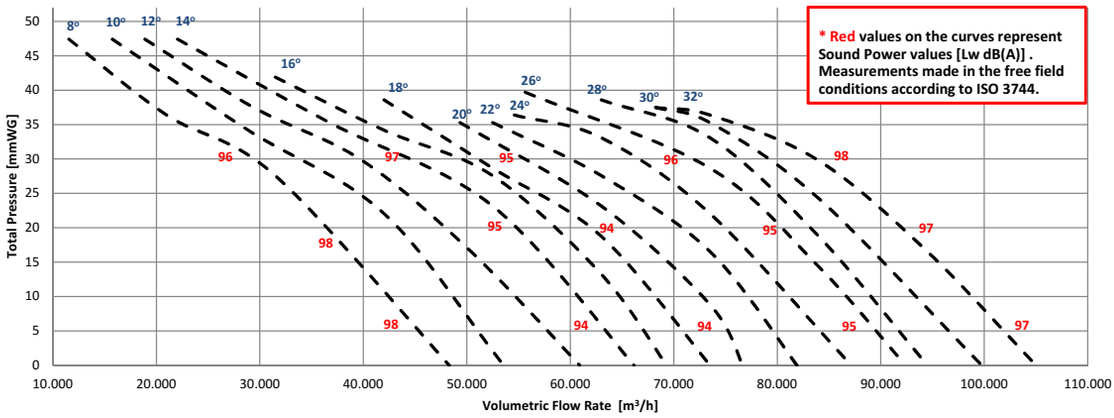

ARMO-C1000/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
7,5 kW
5,5 kW
4 kW
3 kW
2,2 kW
1,5 kW

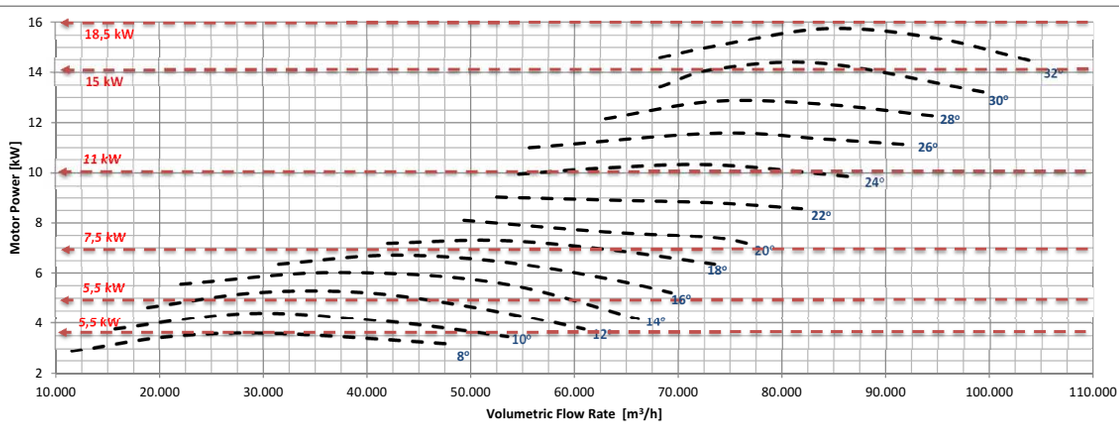

ARMO-C1000/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
30 kW
22 kW
18,5 kW
15 kW
11 kW
7,5 kW


ARMO-C1000/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
11 kW
7,5 kW
5 kW
4 kW
3 kW
2,2 kW


ARMO-C1250/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
45 kW
37 kW
30 kW
22 kW
18,5 kW
15 kW

ARMO-C1250/6/6A





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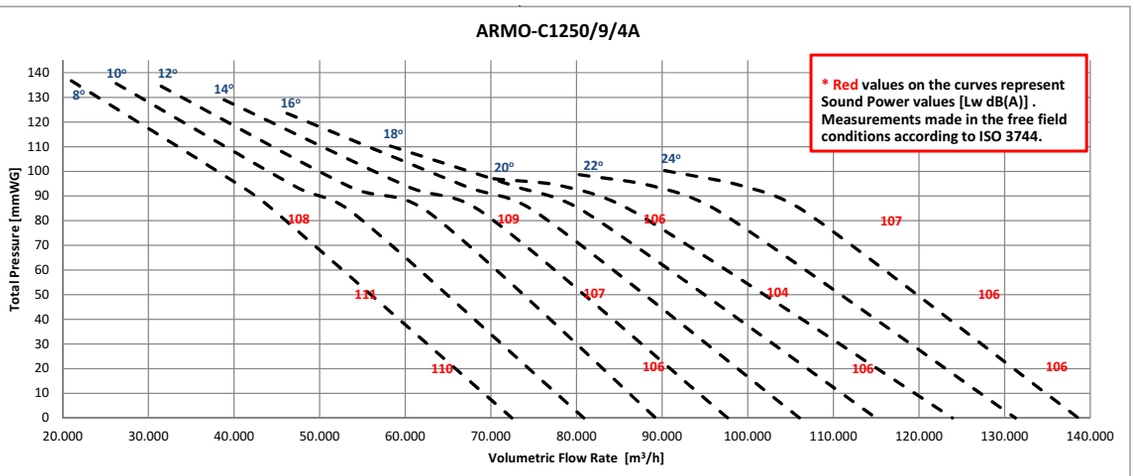
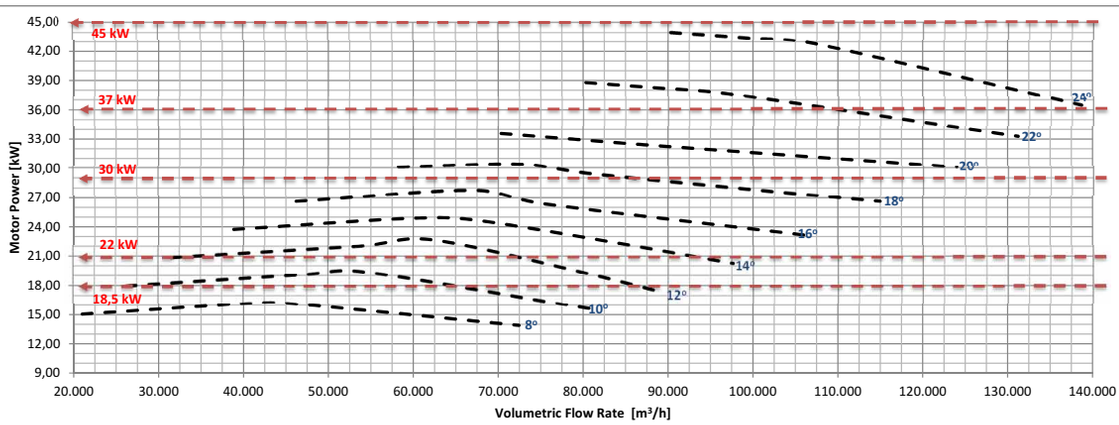
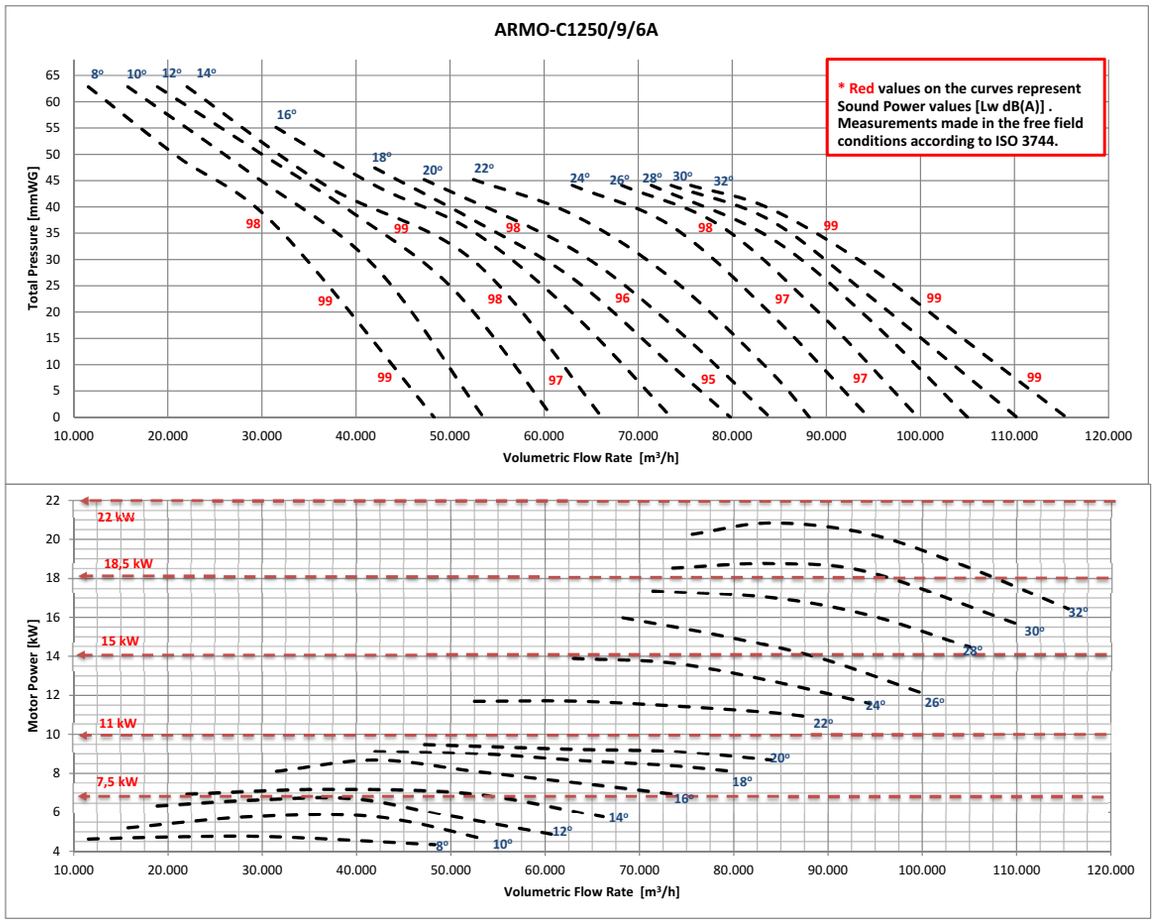
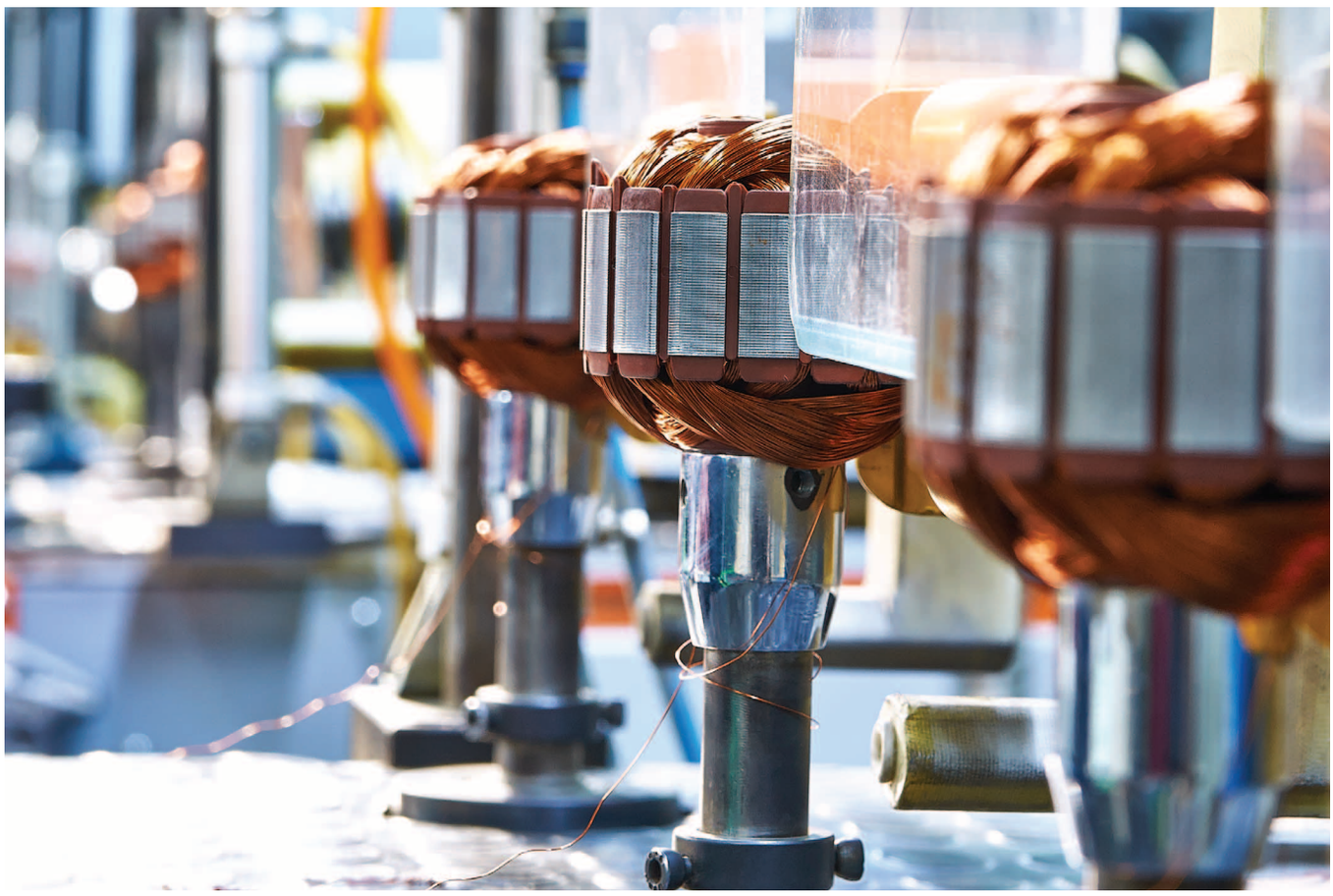





ARMO-C1250/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
8° 10° 12° 14° 16° 18° 20° 22° 24° 26° 28° 30° 32°
Motor Power [kW]
22 kW
18,5 kW
15 kW
11 kW
7,5 kW



ARMO-R

PRESSURATION FANS / **Roof**

Axial roof fans are used in pressurization fan, fresh air fan and smoke exhaust fan applications. The enclosure is fire resistant and designed according to the noise standard. Smoke evacuation fans are fire resistant.

General Features

• It has EN 12101-3 and Ce certificates. • 2 hours continuous operation at 400 C and 300 C • There is a wide product range from 400 mm to 1250 mm.

Rotor Features

• Fire resistant aluminum alloy casting blades and fan hub. • Has the ability to work one-way and two-way. The blades are specially designed according to each direction type. • There is no aerodynamic loss in the case of reversible wing type operation. • Wings are airfoil and provide high aerodynamic performance in both unidirectional and bidirectional vanes. • Wing angles are adjustable. In this way, smoke discharge fans can be demanded at different flow rates and pressures. • The fan part of the fan is dynamically balanced according to ISO 1940 and there is no eccentricity during the operation of the fan.

Body Features

• Fan body is steel sheet. Body is hot dip galvanized and corrosion resistant. • It has short type body and long type body types.

Motor Features

• Offers 2.4 and 6-pole motors • The motors are IP 55 class and Class-H insulated. • All electric motor models are approved for continuous operation (S1) and Emergency operation (S2).

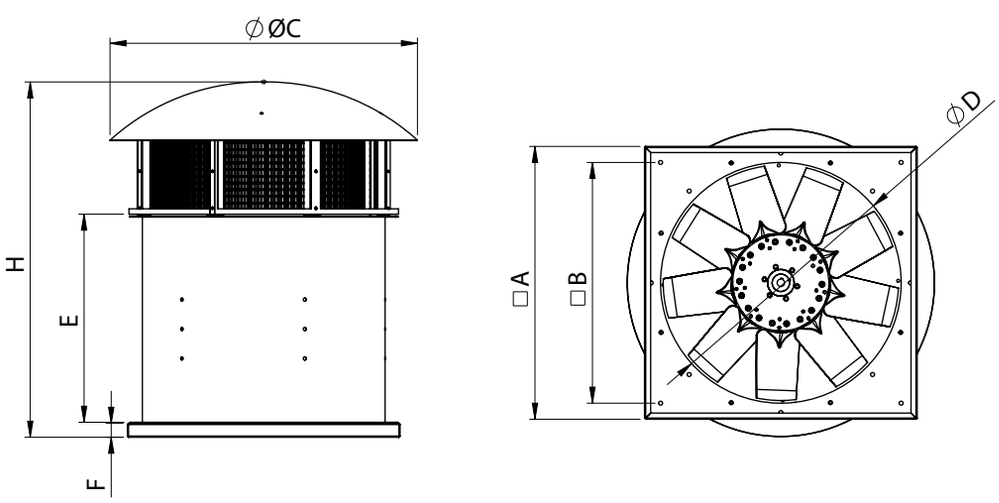
Ease of Maintenance

A maintenance cover is provided to ensure easy maintenance.

Usage Areas

Roof type Axial fans are used in pressurization fan, fresh air fan and smoke exhaust fan applications.

Technical Drawing and Tables



TYPE	A	B	C	D	E	H	F
ARMO-R 400	600	495	702	400	474	880	50
ARMO-R 450	650	545	702	450	474	880	50
ARMO-R 500	650	545	842	500	580	1030	50
ARMO-R 560	685	605	842	560	580	1030	50
ARMO-R 630	780	637	1130	630	600	1160	50
ARMO-R 710	830	710	1130	800	700	1300	50
ARMO-R 800	920	800	1130	800	700	1300	50
ARMO-R 900	1020	900	1130	900	775	1375	50
ARMO-R 1000	1130	1030	1430	1000	850	1450	50
ARMO-R 1250	1430	1350	1430	1250	950	1550	50

Dimensions are in (mm)

2 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-R / 400-6 / 0,75 - 2A	2900	400	0,75	1,6	5250	16°
ARMO-R / 400-6 / 1,1 - 2A	2900	400	1,1	2,3	6904	22°
ARMO-R / 400-6 / 1,5 - 2A	2900	400	1,5	3,4	8978	30°
ARMO-R / 400-6 / 2,2 - 2A	2900	400	2,2	4,48	9975	34°
ARMO-R / 450-6 / 1,1 - 2A	2900	450	1,1	2,3	6248	10°
ARMO-R / 450-6 / 1,5 - 2A	2900	450	1,5	3,4	8610	16°
ARMO-R / 450-6 / 2,2 - 2A	2900	450	2,2	4,48	11970	24°
ARMO-R / 450-6 / 3 - 2A	2900	450	3	6	13545	28°
ARMO-R / 500-6 / 2,2 - 2A	2900	500	2,2	4,48	11000	14°
ARMO-R / 500-6 / 3 - 2A	2900	500	3	6	14595	20°
ARMO-R / 500-6 / 4 - 2A	2900	500	4	7,4	17325	26°
ARMO-R / 500-6 / 5,5 - 2A	2900	500	5,5	11	18375	28°
ARMO-R / 560-6 / 4 - 2A	2900	560	4	7,4	17850	14°
ARMO-R / 560-6 / 5,5 - 2A	2900	560	5,5	11	22313	20°
ARMO-R / 560-6 / 7,5 - 2A	2800	560	7,5	13,6	25725	24°
ARMO-R / 630-6 / 5,5 - 2A	2900	630	5,5	11	20475	10°
ARMO-R / 630-6 / 7,5 - 2A	2800	630	7,5	13,6	27300	16°

4 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-R / 500-6 / 0,55 - 4A	1415	500	0,55	1,6	8715	26
ARMO-R / 500-6 / 0,75 - 4A	1350	500	0,75	2,1	10290	32
ARMO-R / 500-6 / 1,1 - 4A	1400	500	1,1	2,6	12600	38
ARMO-R / 560-6 / 0,55 - 4A	1415	560	0,55	1,6	9870	16
ARMO-R / 560-6 / 0,75 - 4A	1350	560	0,75	2,1	12075	22
ARMO-R / 560-6 / 1,1 - 4A	1400	560	1,1	2,6	13860	26
ARMO-R / 560-6 / 1,5 - 4A	1405	560	1,5	3,5	15750	32
ARMO-R / 560-6 / 2,2 - 4A	1410	560	2,2	5	17850	38
ARMO-R / 630-6 / 0,75 - 4A	1350	630	0,75	2,1	10605	10
ARMO-R / 630-6 / 1,1 - 4A	1400	630	1,1	2,6	16275	20
ARMO-R / 630-6 / 1,5 - 4A	1405	630	1,5	3,5	18375	24
ARMO-R / 630-6 / 2,2 - 4A	1410	630	2,2	5	21525	30
ARMO-R / 630-6 / 3 - 4A	1410	630	3	6,6	24150	36
ARMO-R / 630-6 / 4 - 4A	1500	630	4	8,2	25200	38
ARMO-R / 710-3 / 0,75- 4A	1350	710	0,75	2,1	14175	10
ARMO-R / 710-3 / 1,1 - 4A	1400	710	1,1	2,6	18375	16
ARMO-R / 710-3 / 1,5 - 4A	1405	710	1,5	3,5	21000	20
ARMO-R / 710-3 / 2,2 - 4A	1410	710	2,2	5	24413	26
ARMO-R / 710-3 / 3 - 4A	1410	710	3	6,6	27825	32
ARMO-R / 710-6 / 1,1 - 4A	1400	710	1,1	2,6	16275	12
ARMO-R / 710-6 / 1,5 - 4A	1405	710	1,5	3,5	20475	18
ARMO-R / 710-6 / 2,2 - 4A	1410	710	2,2	5	23625	22
ARMO-R / 710-6 / 3 - 4A	1410	710	3	6,6	28350	28
ARMO-R / 710-6 / 4 - 4A	1415	710	4	8,2	31500	32
ARMO-R / 800-6 / 2,2 - 4A	1410	800	2,2	5	24150	14
ARMO-R / 800-6 / 3 - 4A	1410	800	3	6,6	30450	20
ARMO-R / 800-6 / 4 - 4A	1415	800	4	8,2	32550	22
ARMO-R / 800-6 / 5,5 - 4A	1430	800	5,5	11,2	38850	28
ARMO-R / 800-6 / 7,5 - 4A	1440	800	7,5	15,4	42525	32
ARMO-R / 800-9 / 2,2 - 4A	1410	800	2,2	5	16275	10
ARMO-R / 800-9 / 3 - 4A	1410	800	3	6,6	21525	14
ARMO-R / 800-9 / 4 - 4A	1415	800	4	8,2	29400	20
ARMO-R / 800-9 / 5,5 - 4A	1430	800	5,5	11,2	36488	26
ARMO-R / 800-9 / 7,5 - 4A	1440	800	7,5	15,4	40950	30
ARMO-R / 800-9 / 11 - 4A	1450	800	11	21	43050	32
ARMO-R / 900-6 / 4 - 4A	1415	900	4	8,2	31500	12
ARMO-R / 900-6 / 5,5 - 4A	1430	900	5,5	11,2	38850	16
ARMO-R / 900-6 / 7,5 - 4A	1440	900	7,5	15,4	47775	22
ARMO-R / 900-6 / 11 - 4A	1450	900	11	21	56700	28
ARMO-R / 900-6 / 15 - 4A	1450	900	15	29,3	60900	32
ARMO-R / 900-9 / 4 - 4A	1415	900	4	8,2	26775	10
ARMO-R / 900-9 / 5,5 - 4A	1430	900	5,5	11,2	34125	14
ARMO-R / 900-9 / 7,5 - 4A	1440	900	7,5	15,4	41213	18
ARMO-R / 900-9 / 11 - 4A	1450	900	11	21	54600	26
ARMO-R / 900-9 / 15 - 4A	1450	900	15	29,3	63525	32
ARMO-R / 1000-6 / 5,5 - 4A	1430	1000	5,5	11,2	38850	12
ARMO-R / 1000-6 / 7,5 - 4A	1440	1000	7,5	15,4	47775	18
ARMO-R / 1000-6 / 11 - 4A	1450	1000	11	21	56700	22
ARMO-R / 1000-6 / 15 - 4A	1450	1000	15	29,3	60900	28
ARMO-R / 1000-6 / 18,5 - 4A	1455	1000	18,5	34,5	56700	32
ARMO-R / 1000-9 / 7,5 - 4A	1440	1000	7,5	15,4	43050	12
ARMO-R / 1000-9 / 11 - 4A	1450	1000	11	21	55650	18
ARMO-R / 1000-9 / 15 - 4A	1450	1000	15	29,3	69300	24
ARMO-R / 1000-9 / 18,5 - 4A	1455	1000	18,5	34,5	77700	28
ARMO-R / 1000-9 / 22 - 4A	1460	1000	22	42,5	81900	30
ARMO-R / 1000-9 / 30 - 4A	1460	1000	30	55	86100	32
ARMO-R / 1250-6 / 15 - 4A	1450	1250	15	29,3	90300	12
ARMO-R / 1250-6 / 18,5 - 4A	1455	1250	18,5	34,5	103950	16
ARMO-R / 1250-6 / 22 - 4A	1460	1250	22	42,5	109725	18
ARMO-R / 1250-6 / 30 - 4A	1460	1250	30	55	122850	22
ARMO-R / 1250-6 / 37 - 4A	1470	1250	37	67	136500	26
ARMO-R / 1250-6 / 45 - 4A	1475	1250	45	80	155400	32
ARMO-R / 1250-9 / 18,5 - 4A	1455	1250	18,5	34,5	89250	12
ARMO-R / 1250-9 / 22 - 4A	1460	1250	22	42,5	97650	14
ARMO-R / 1250-9 / 30 - 4A	1460	1250	30	55	114975	18
ARMO-R / 1250-9 / 37 - 4A	1470	1250	37	67	131250	22
ARMO-R / 1250-9 / 45 - 4A	1475	1250	45	80	138600	24

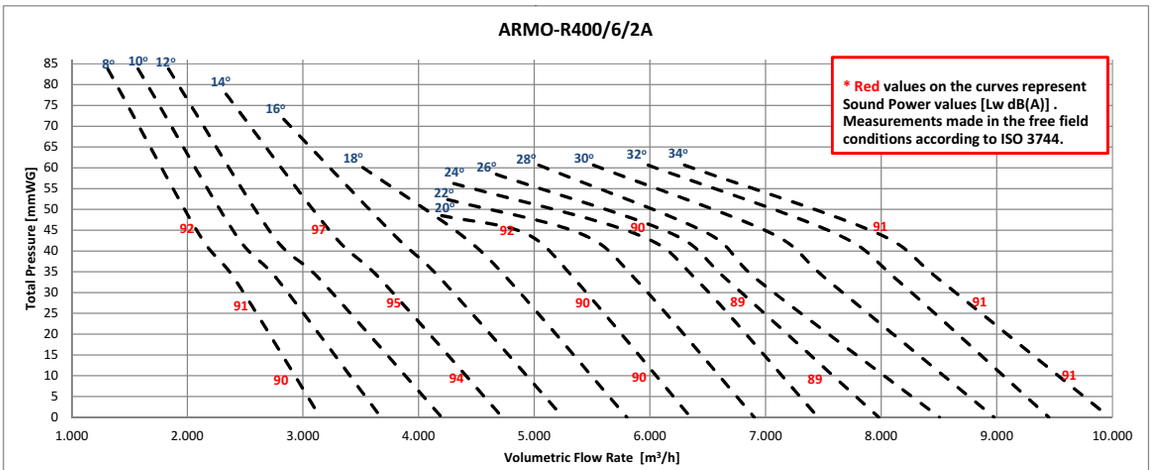
6 POLE TYPE	SPEED r.p.m	DIAMETER mm	POWER kW	CURRENT 230V - 400V	AIR FLOW m^3/h	WING ANGLE
ARMO-R / 500-6 / 0,37 - 6A	900	500	0,37	1,1	8400	38
ARMO-R / 560-6 / 0,37 - 6A	900	560	0,37	1,1	10500	32
ARMO-R / 560-6 / 0,55 - 6A	930	560	0,55	1,5	11760	38
ARMO-R / 630-6 / 0,37 - 6A	900	630	0,37	1,1	11576	22
ARMO-R / 630-6 / 0,55 - 6A	930	630	0,55	1,5	13650	28
ARMO-R / 630-6 / 0,75 - 6A	945	630	0,75	2	14963	32
ARMO-R / 630-6 / 1,1 - 6A	945	630	1,1	2,9	16800	38
ARMO-R / 710-3 / 0,37 - 6A	900	710	0,37	1,1	13125	18
ARMO-R / 710-3 / 0,55 - 6A	930	710	0,55	1,5	16538	26
ARMO-R / 710-3 / 0,75 - 6A	945	710	0,75	2	18900	32
ARMO-R / 710-6 / 1,1 - 6A	945	710	1,1	2,9	11025	12
ARMO-R / 710-6 / 1,5 - 6A	945	710	1,5	3,6	13000	16
ARMO-R / 710-6 / 2,2 - 6A	950	710	2,2	5,4	13750	22
ARMO-R / 710-6 / 3 - 6A	950	710	3	6,9	18900	28
ARMO-R / 710-6 / 4 - 6A	955	710	4	9	21000	32
ARMO-R / 800-6 / 0,55 - 6A	930	800	0,55		13125	10
ARMO-R / 800-6 / 1,1 - 6A	945	800	1,1	2,9	22050	22
ARMO-R / 800-6 / 1,5 - 6A	945	800	1,5	3,6	25200	26
ARMO-R / 800-6 / 2,2 - 6A	950	800	2,2	5,4	28350	32
ARMO-R / 800-9 / 0,75 - 6A	945	800	0,75	2	14700	14
ARMO-R / 800-9 / 1,1 - 6A	945	800	1,1	2,9	19950	20
ARMO-R / 800-9 / 1,5 - 6A	945	800	1,5	3,6	23100	24
ARMO-R / 800-9 / 2,2 - 6A	950	800	2,2	5,4	27300	30
ARMO-R / 800-9 / 3 - 6A	950	800	3	6,9	28350	32
ARMO-R / 900-6 / 1,1 - 6A	945	900	1,1	2,9	23100	14
ARMO-R / 900-6 / 1,5 - 6A	945	900	1,5	3,6	25200	16
ARMO-R / 900-6 / 2,2 - 6A	950	900	2,2	5,4	31500	22
ARMO-R / 900-6 / 3 - 6A	950	900	3	6,9	36750	28
ARMO-R / 900-6 / 4 - 6A	955	900	4	9	40950	32
ARMO-R / 900-9 / 1,5 - 6A	945	900	1,5	3,6	23100	14
ARMO-R / 900-9 / 2,2 - 6A	950	900	2,2	5,4	27300	20
ARMO-R / 900-9 / 3 - 6A	950	900	3	6,9	35700	24
ARMO-R / 900-9 / 4 - 6A	955	900	4	9	39900	30
ARMO-R / 900-9 / 5,5 - 6A	985	900	5,5	12,3	43050	32
ARMO-R / 1000-6 / 1,5- 6A	945	1000	1,5	3,6	26250	10
ARMO-R / 1000-6 / 2,2- 6A	950	1000	2,2	5,4	34650	16
ARMO-R / 1000-6 / 3 - 6A	950	1000	3	6,9	44100	22
ARMO-R / 1000-6 / 4 - 6A	955	1000	4	9	49350	26
ARMO-R / 1000-6 / 5,5 - 6A	985	1000	5,5	12,3	55650	32
ARMO-R / 1000-9 / 2,2- 6A	950	1000	2,2	5,4	32550	14
ARMO-R / 1000-9 / 3 - 6A	950	1000	3	6,9	39900	20
ARMO-R / 1000-9 / 4 - 6A	955	1000	4	9	43050	22
ARMO-R / 1000-9 / 5,5 - 6A	985	1000	5,5	12,3	52500	28
ARMO-R / 1000-9 / 7,5 - 6A	960	1000	5,5	15	57750	32
ARMO-R / 1250-6 / 4 - 6A	955	1250	4	9	60900	12
ARMO-R / 1250-6 / 5,5 - 6A	985	1250	5,5	12,3	63300	16
ARMO-R / 1250-6 / 7,5 - 6A	960	1250	7,5	15	76650	20
ARMO-R / 1250-6 / 11 - 6A	960	1250	11	22	92400	26
ARMO-R / 1250-6 / 15 - 6A	965	1250	15	29	105000	32
ARMO-R / 1250-9 / 7,5 - 6A	960	1250	7,5	15	73500	16
ARMO-R / 1250-9 / 11 - 6A	960	1250	11	22	88200	22
ARMO-R / 1250-9 / 15 - 6A	965	1250	15	29	105000	28
ARMO-R / 1250-9 / 18,5 - 6A	970	1250	18,5	36,5	115500	32

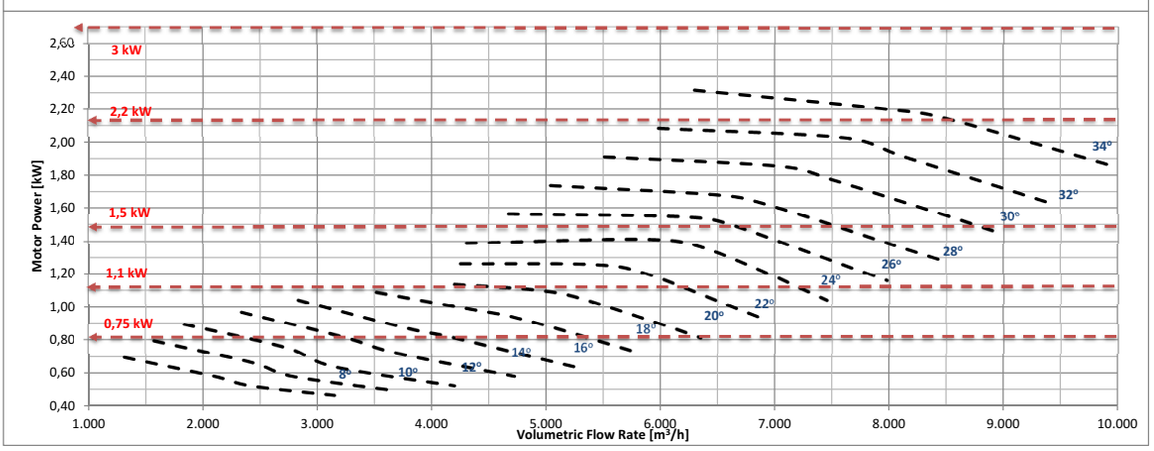
Accessories

BSC-F

BSST

ARMO-R400/6/2A





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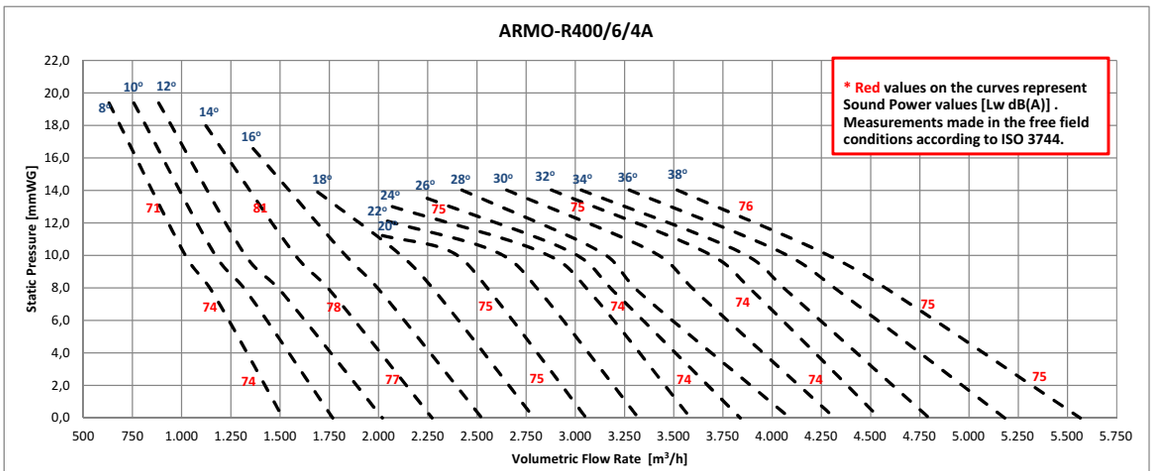

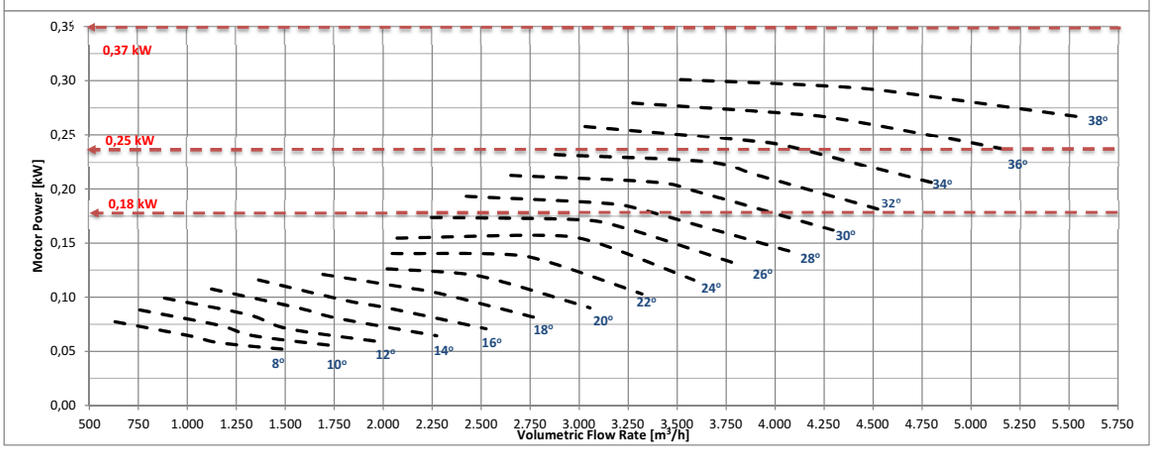

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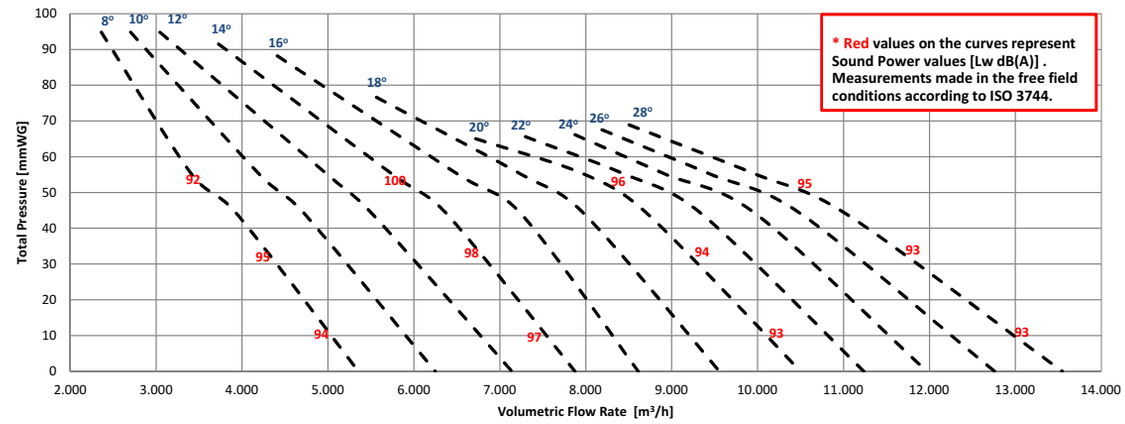

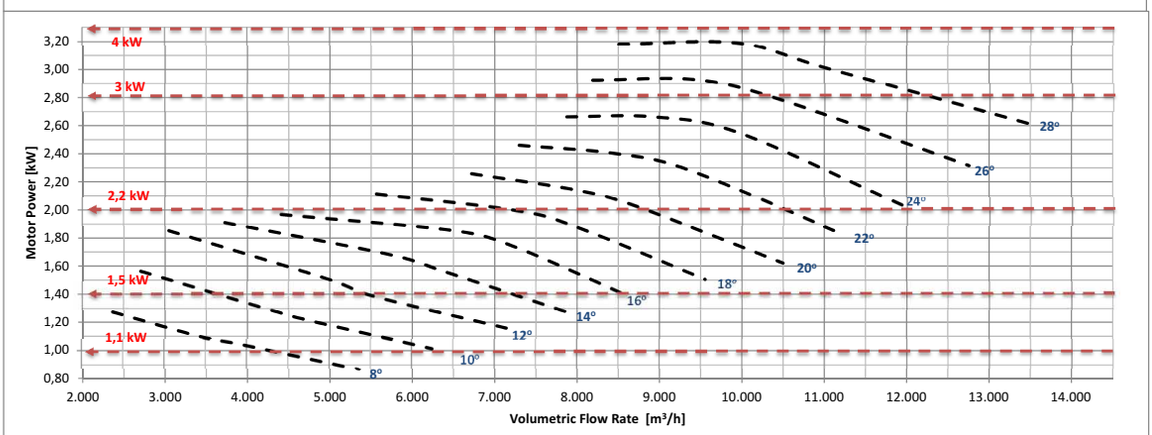

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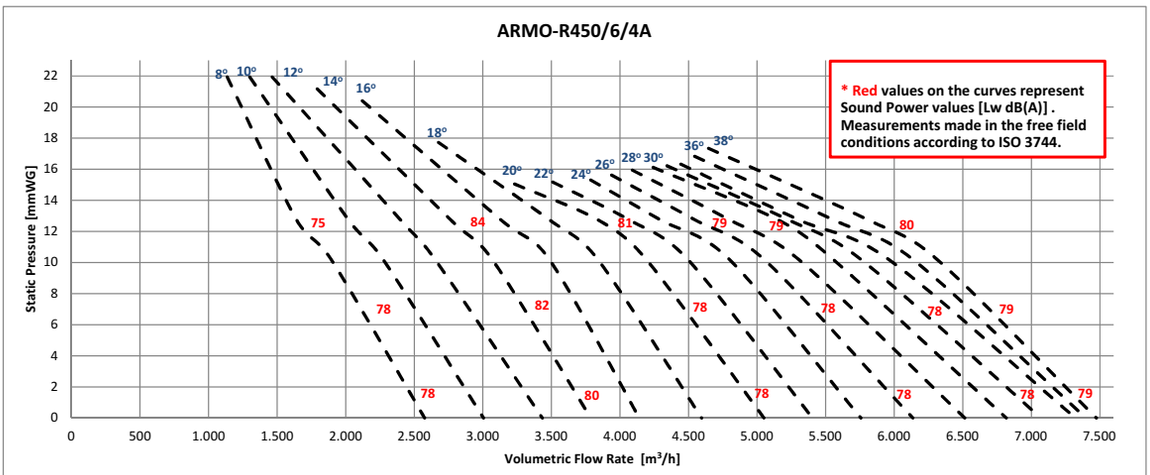
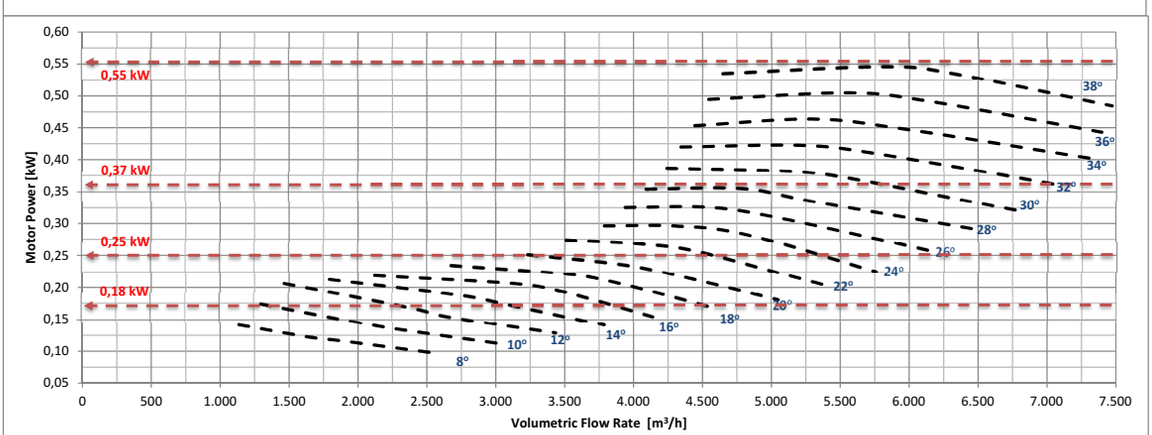
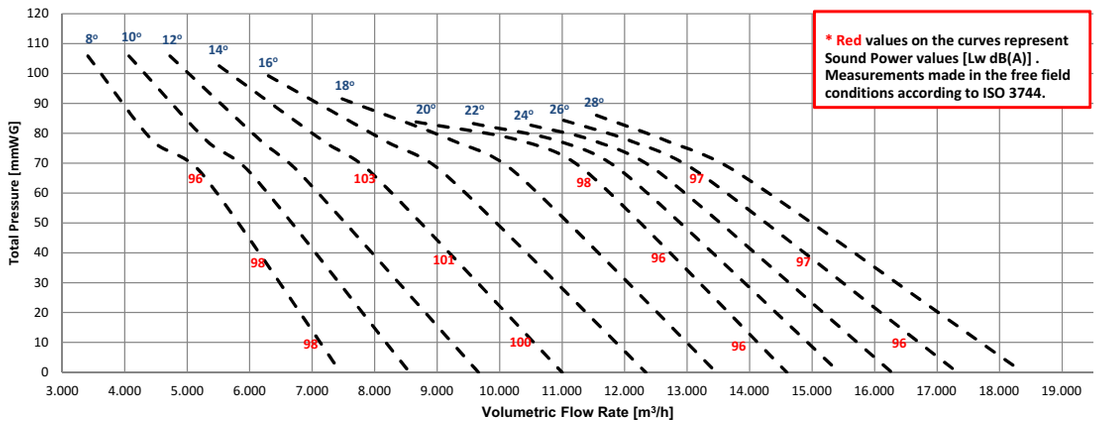
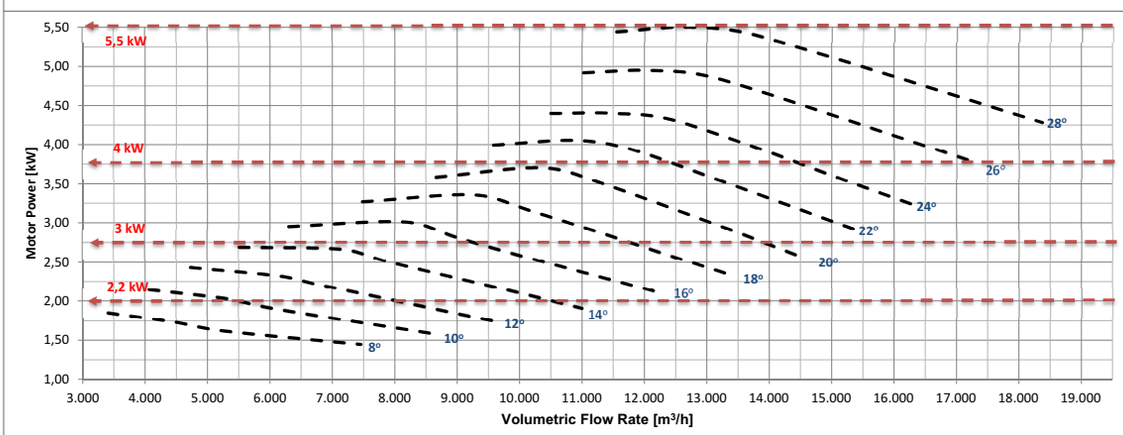


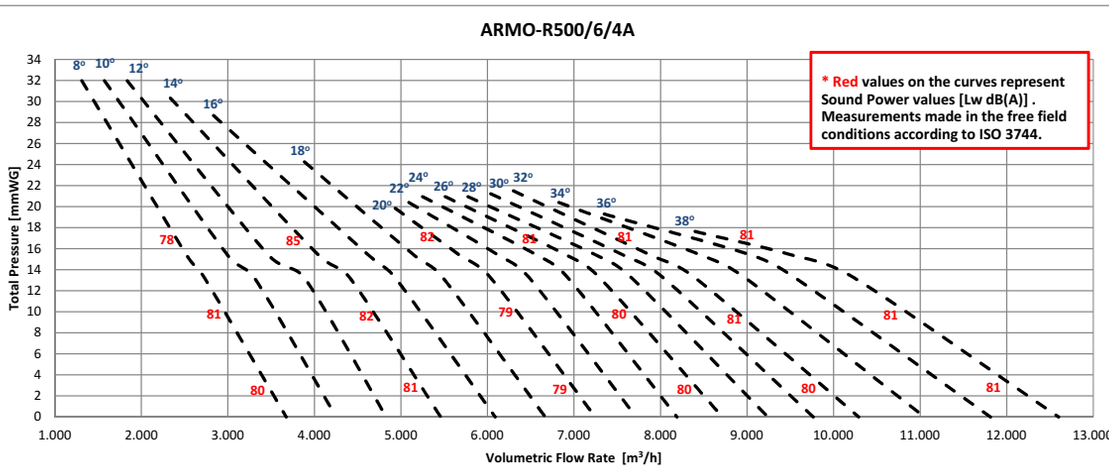


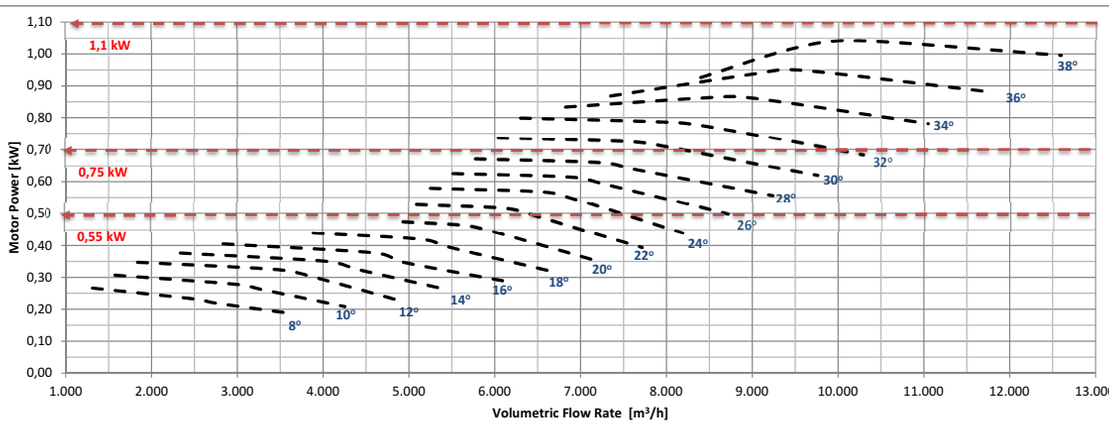
ARMO-R500/6/2A



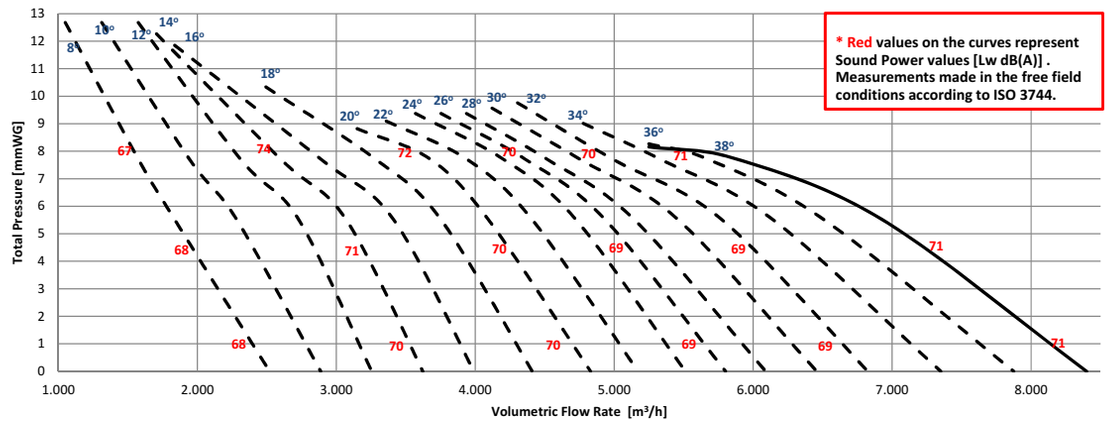


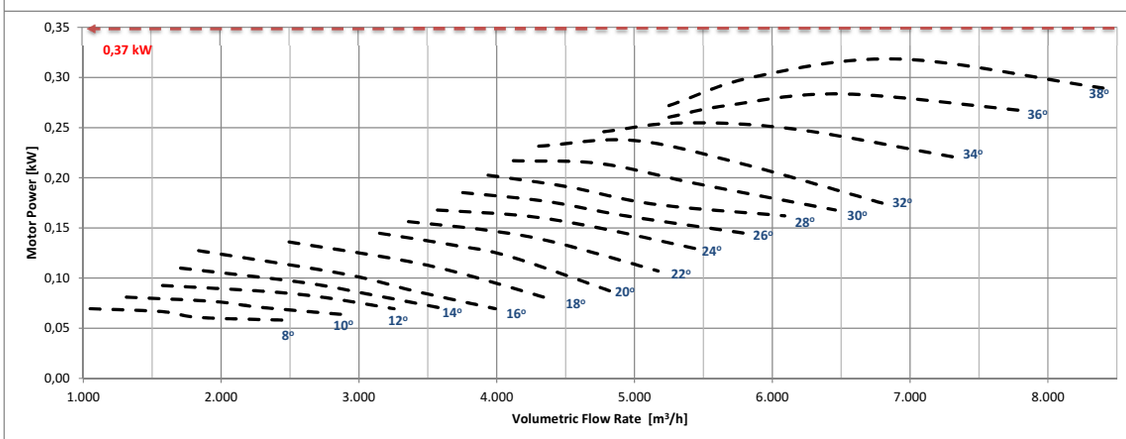
ARMO-R500/6/4A



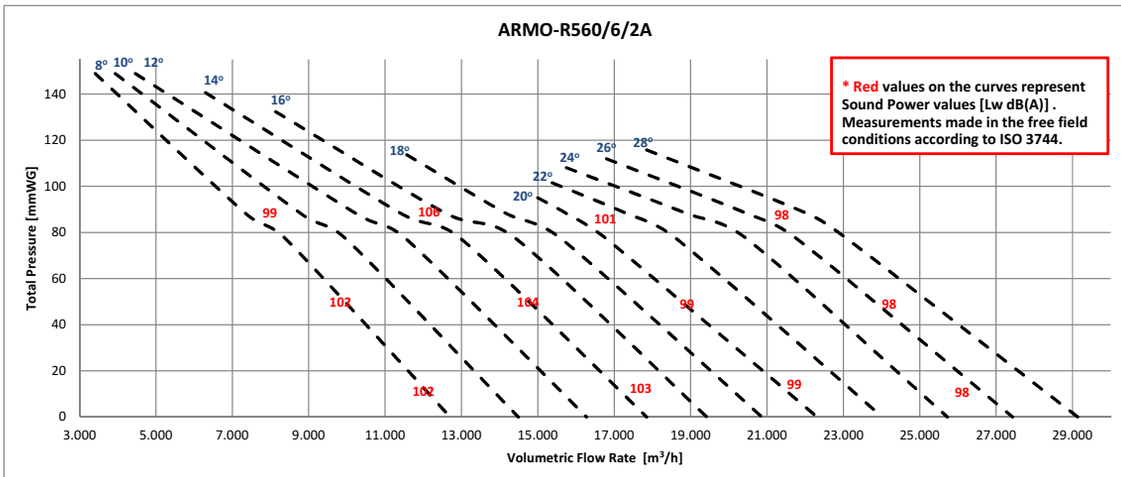


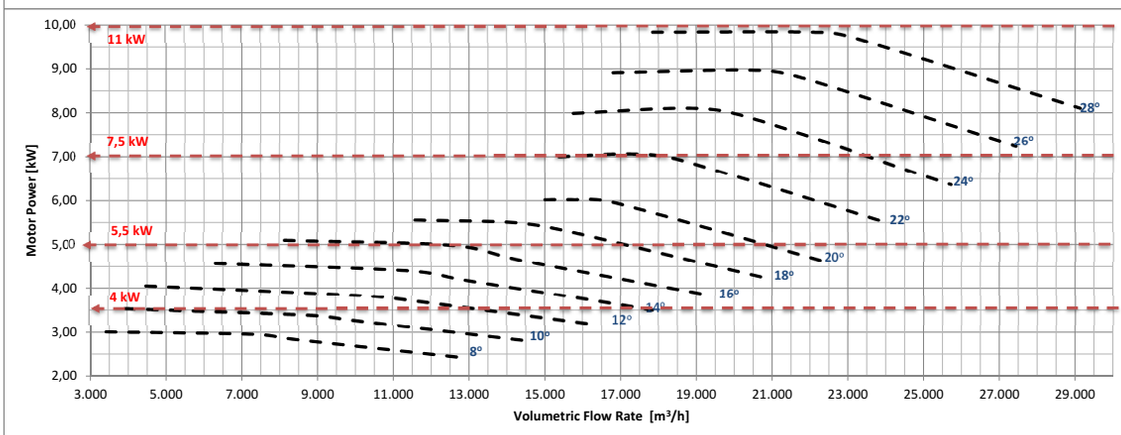
ARMO-R500/6/6A





ARMO-R560/6/2A





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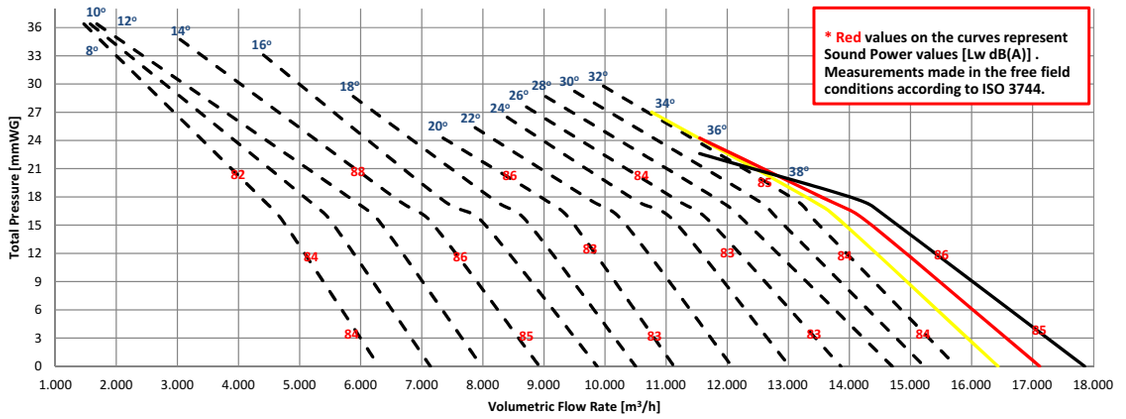
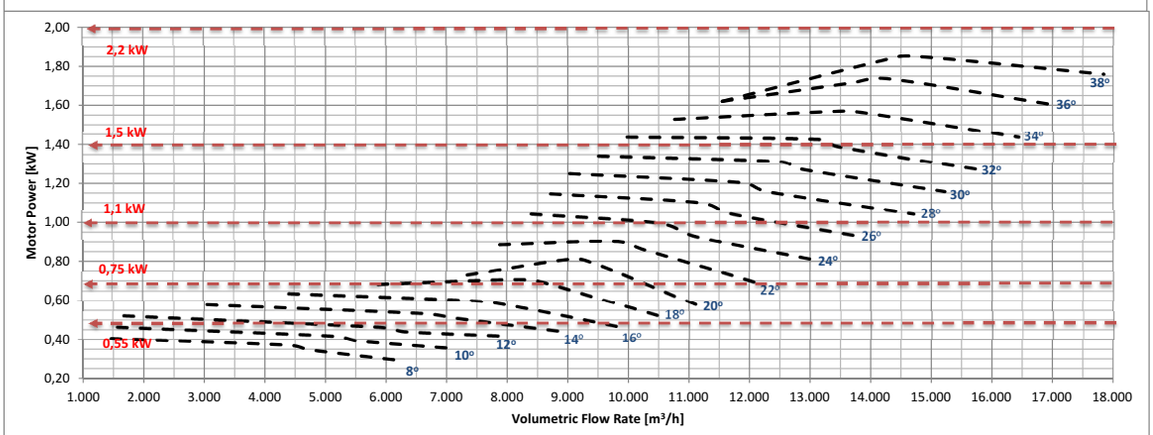
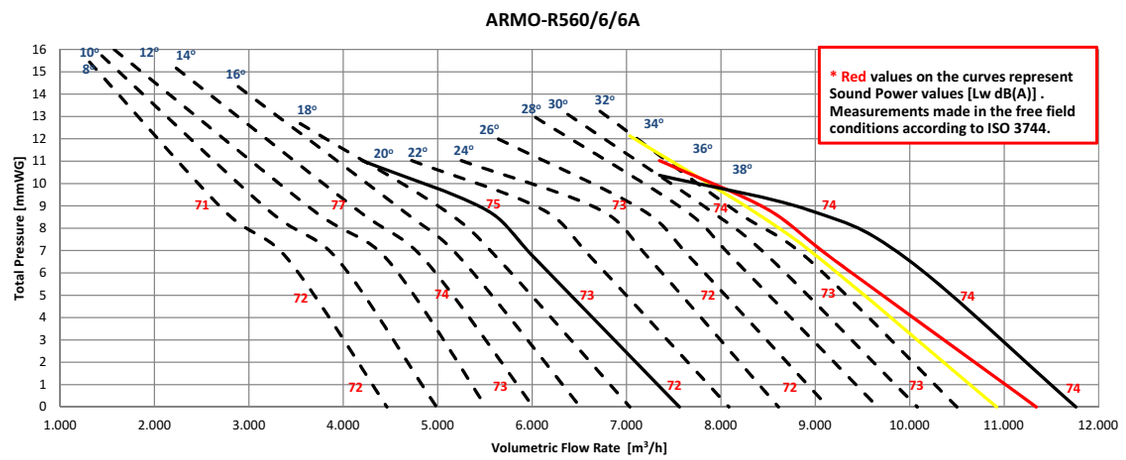
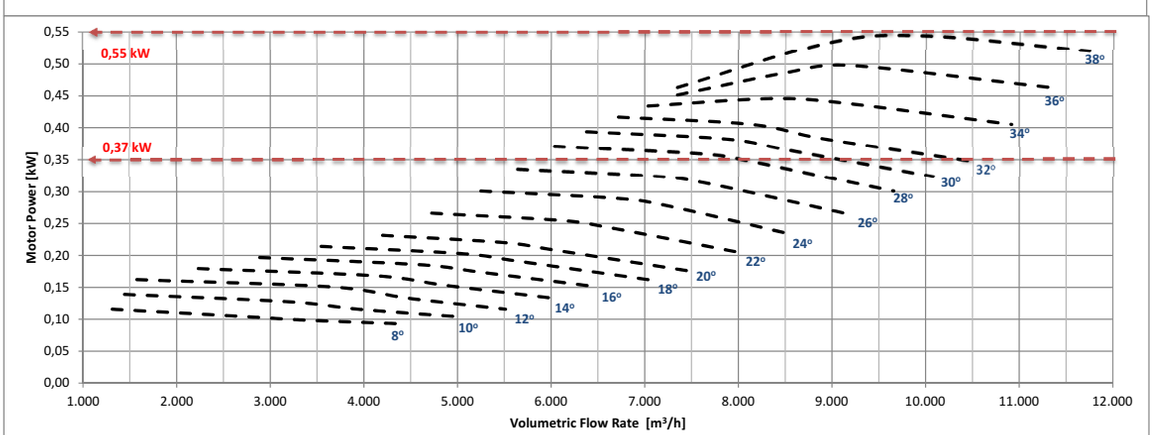
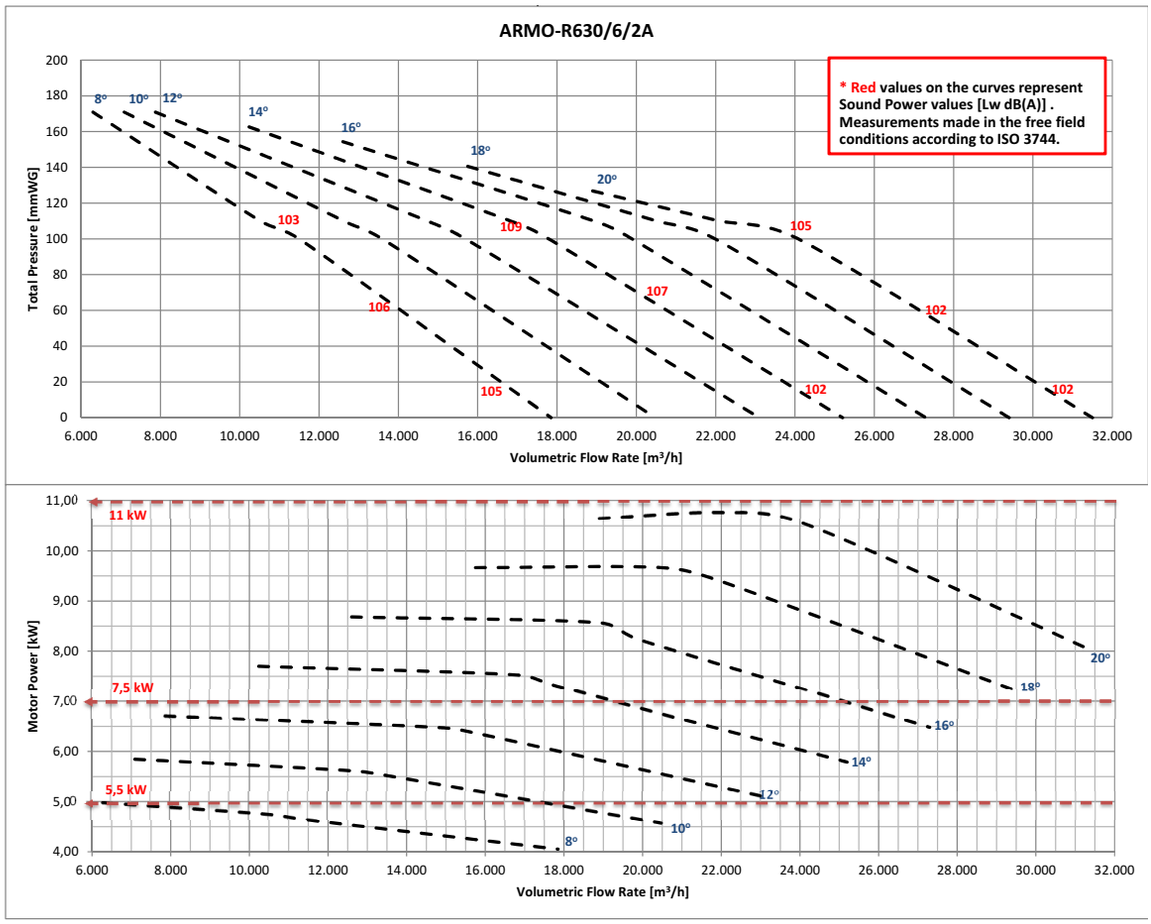


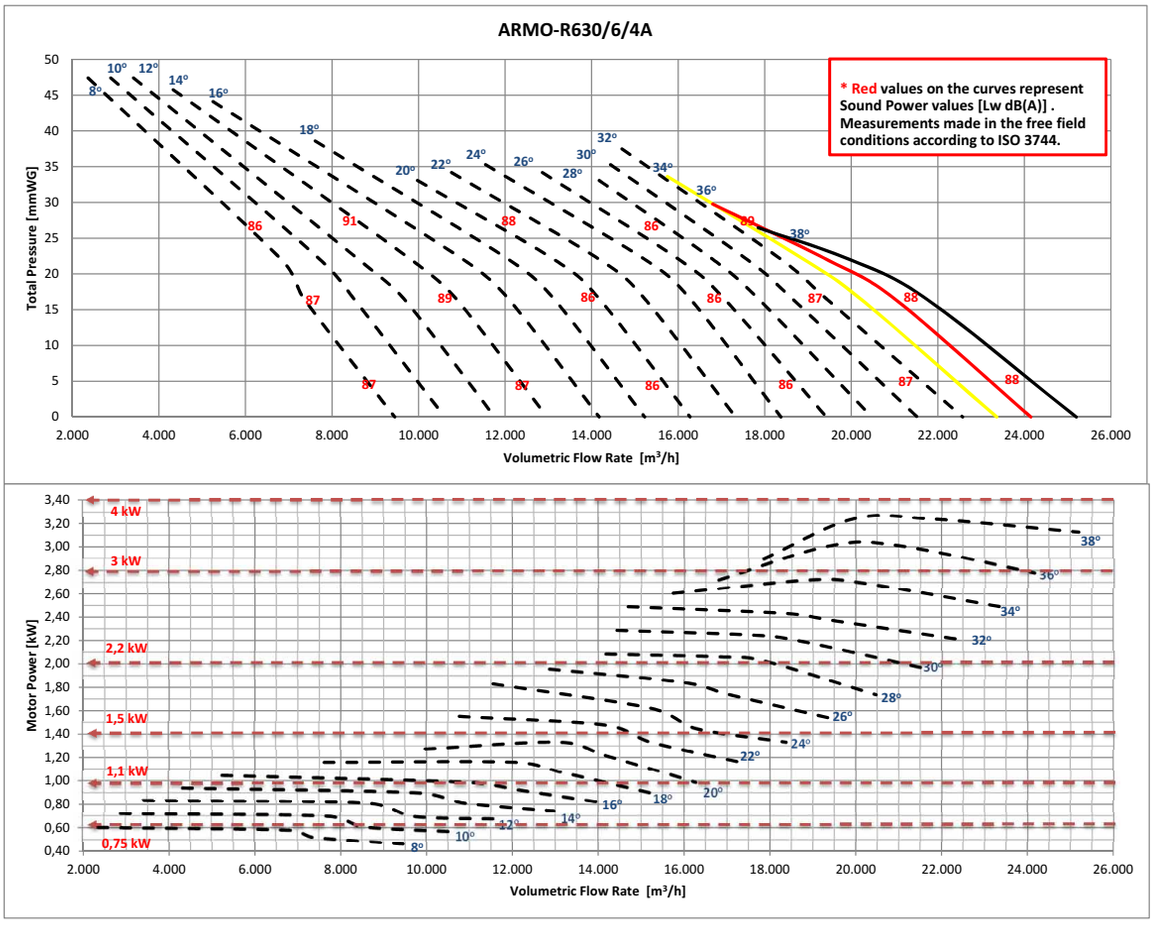


ARMO-R560/6/6A

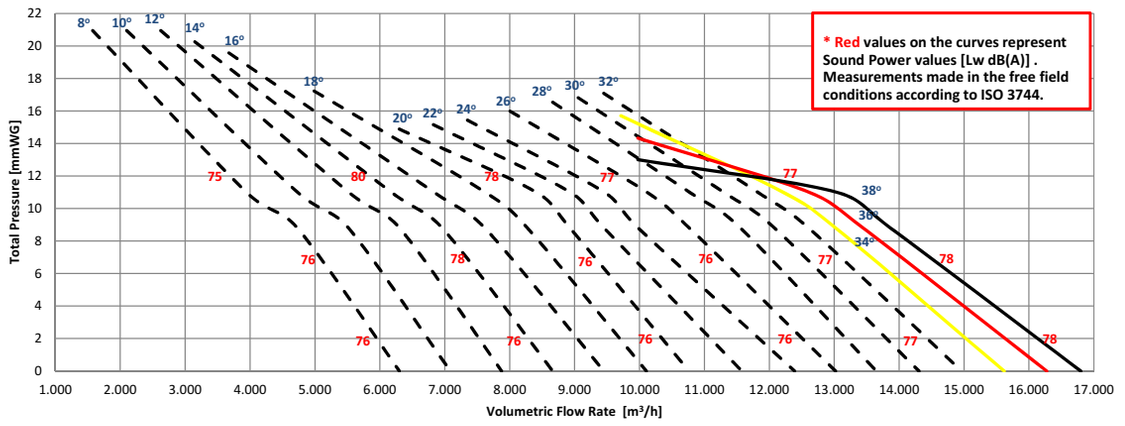


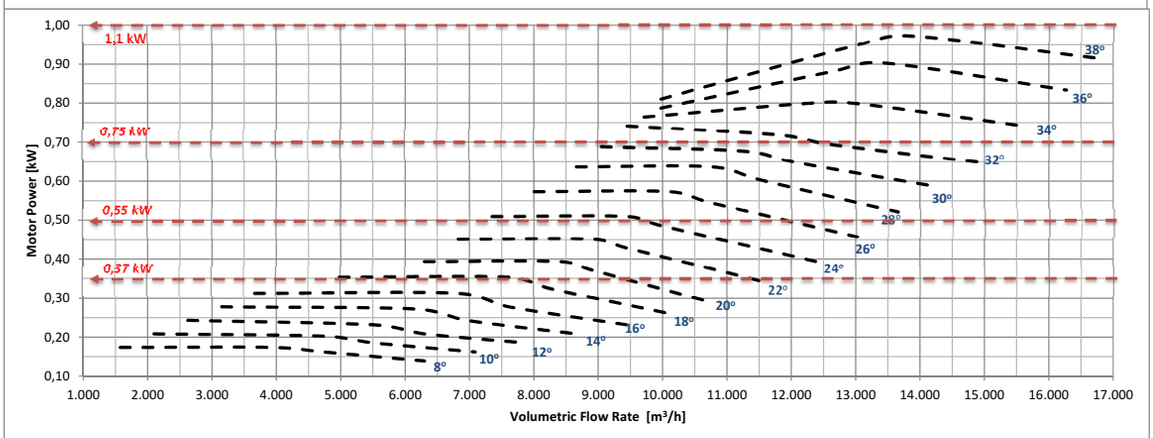



ARMO-R630/6/2A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
11 kW
7,5 kW
5,5 kW

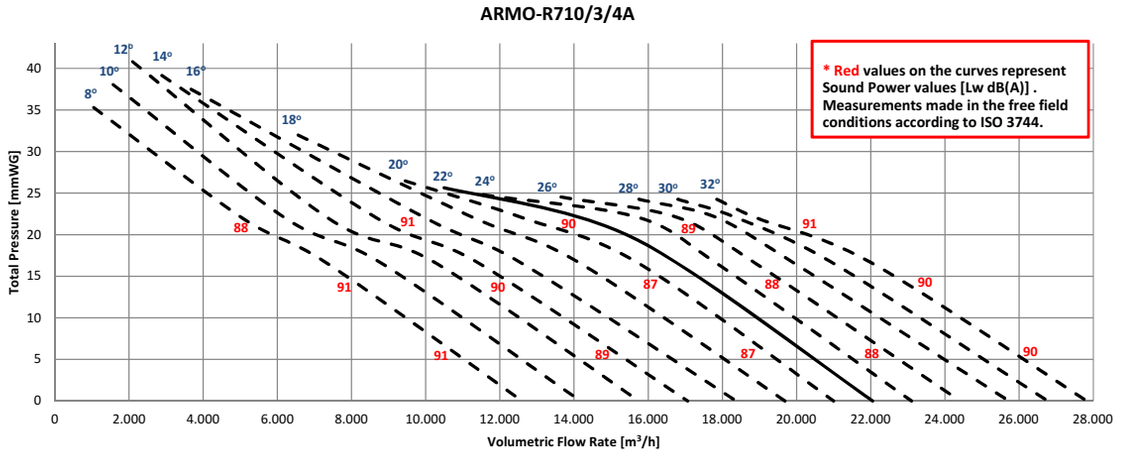

ARMO-R630/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW
0,75 kW

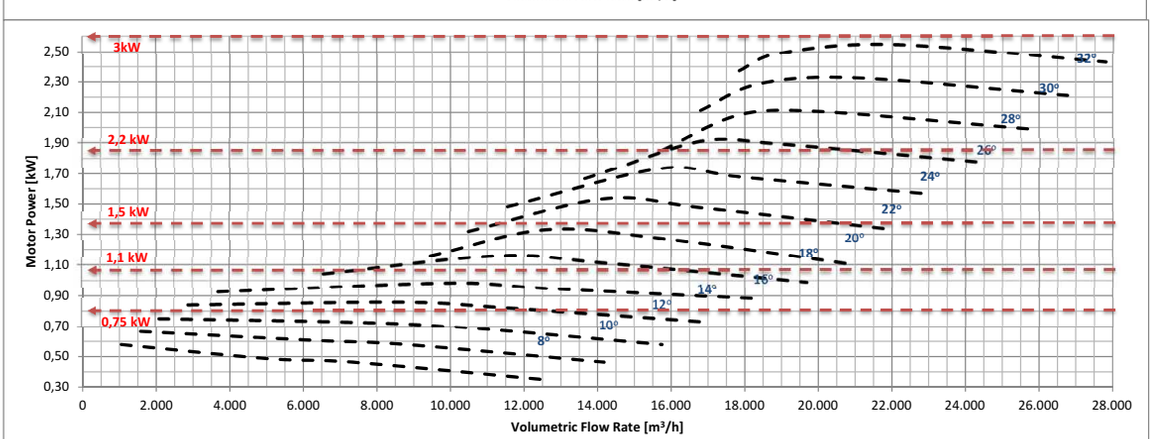
ARMO-R630/6/6A

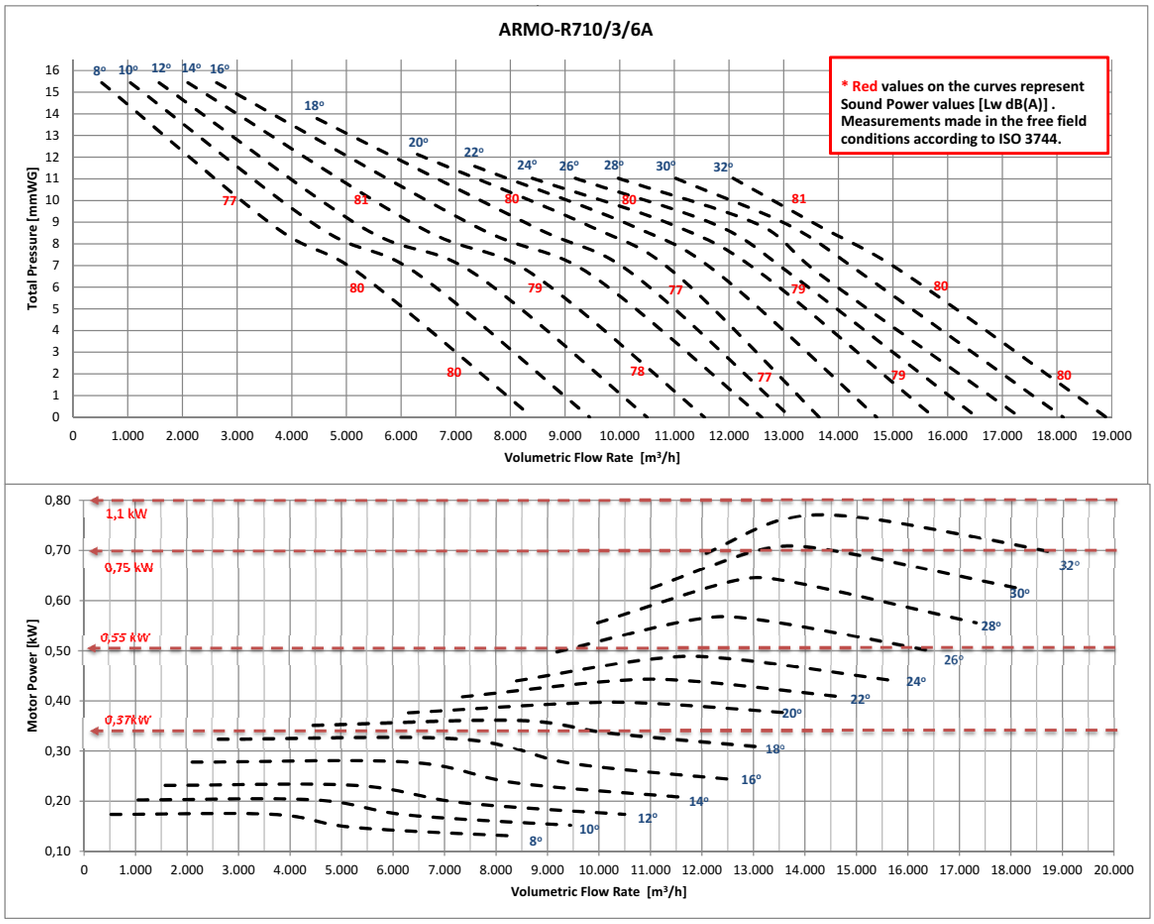


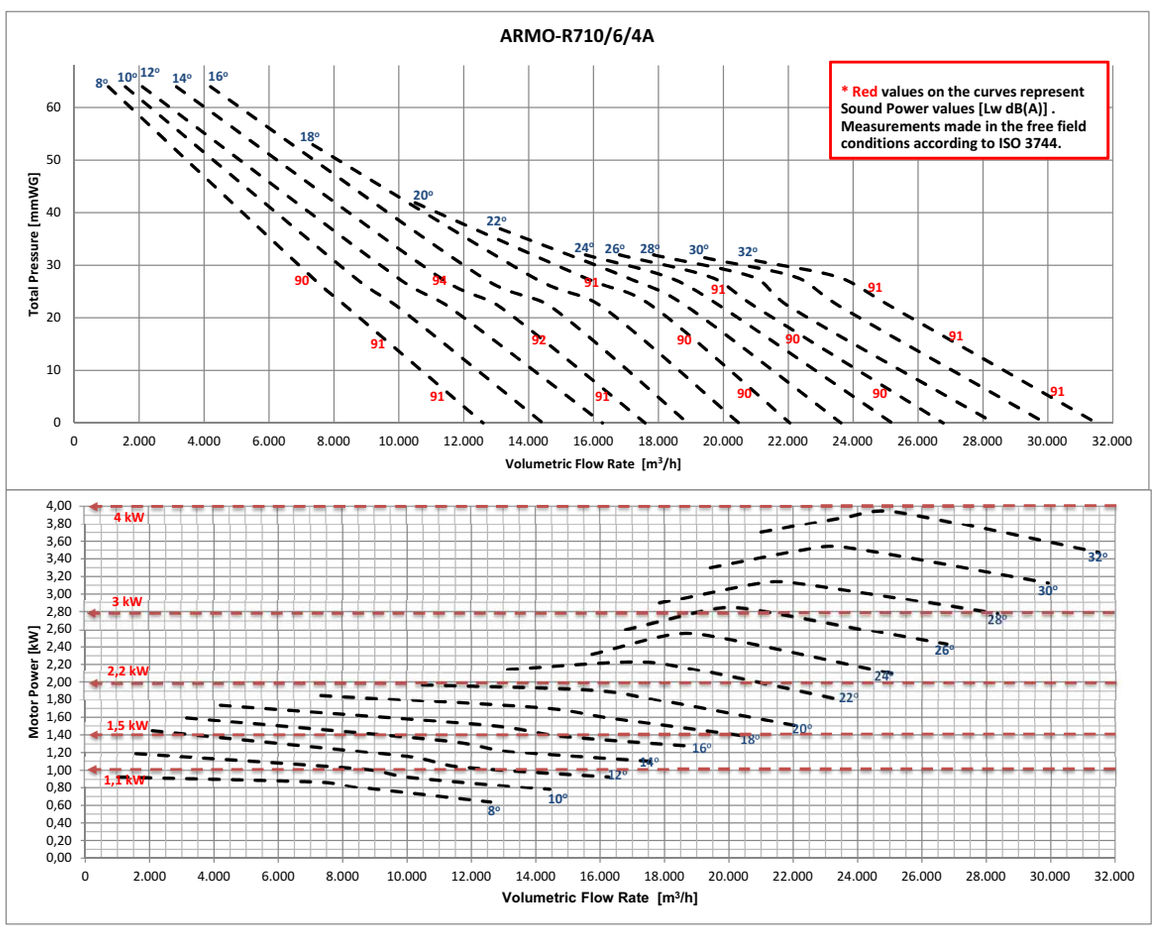


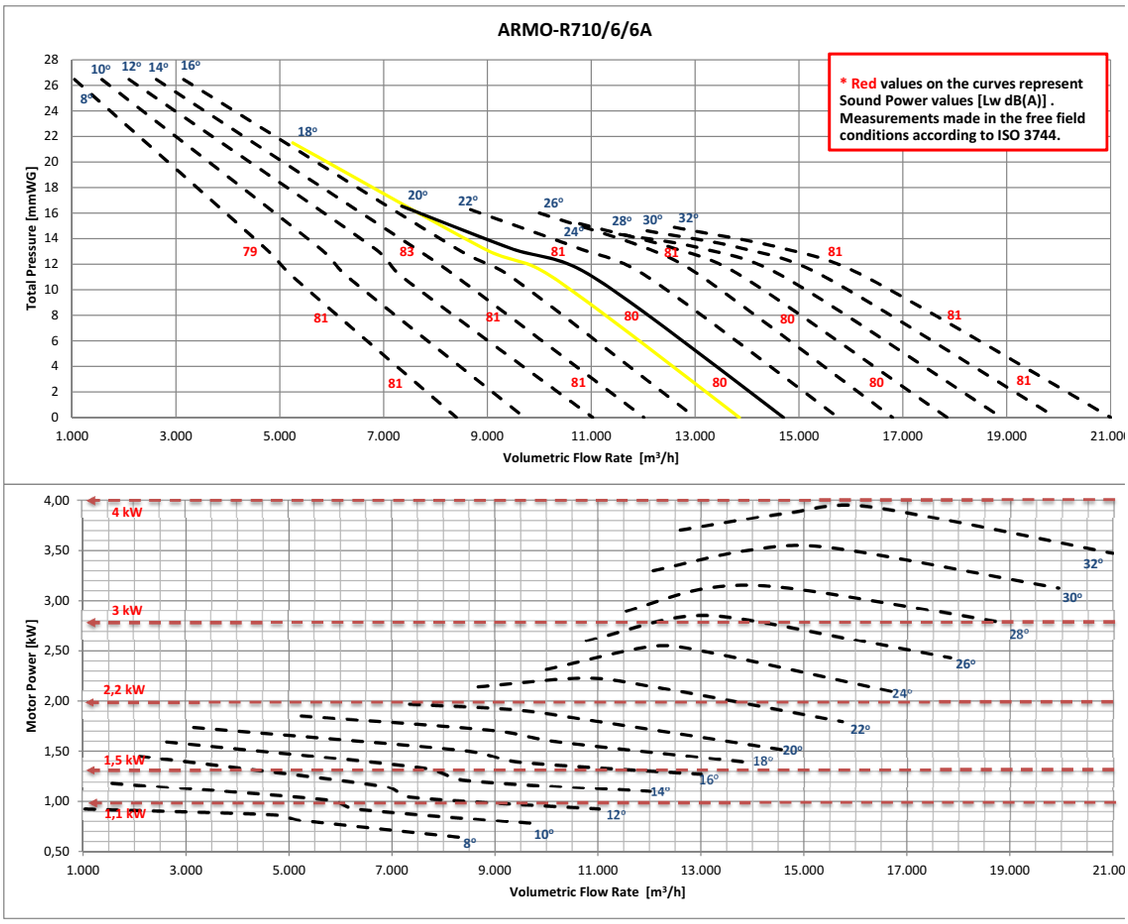
ARMO-R710/3/4A

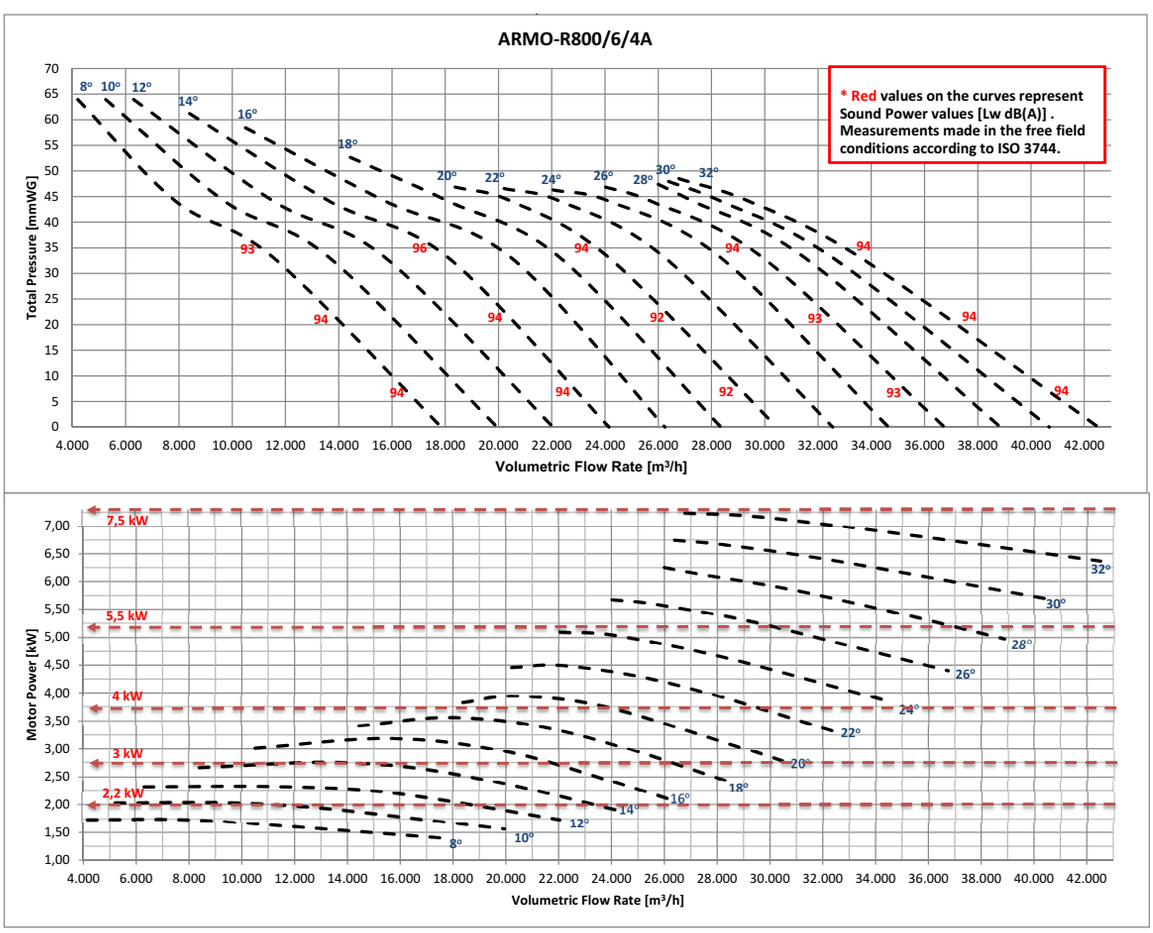




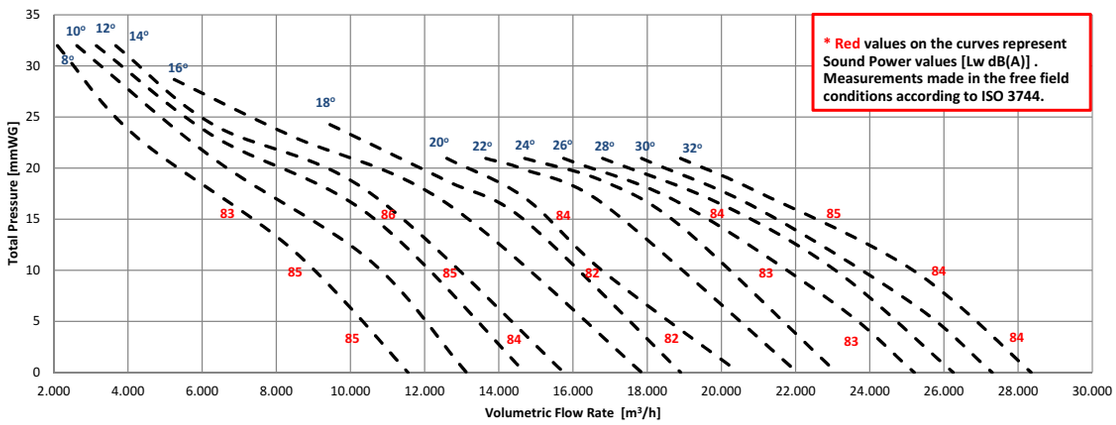

ARMO-R710/3/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
1,1 kW
0,75 kW
0,55 kW
0,37kW

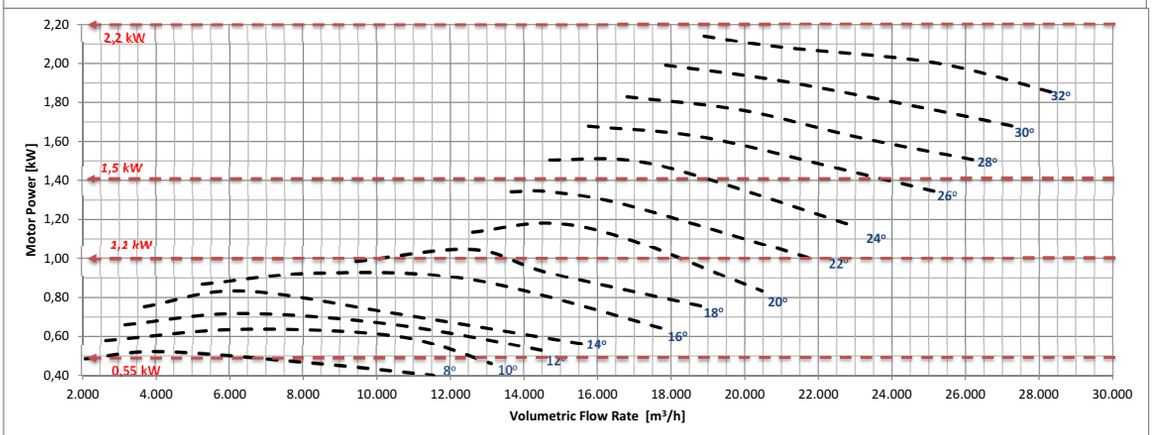

ARMO-R710/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW


ARMO-R710/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
4 kW
3 kW
2,2 kW
1,5 kW
1,1 kW

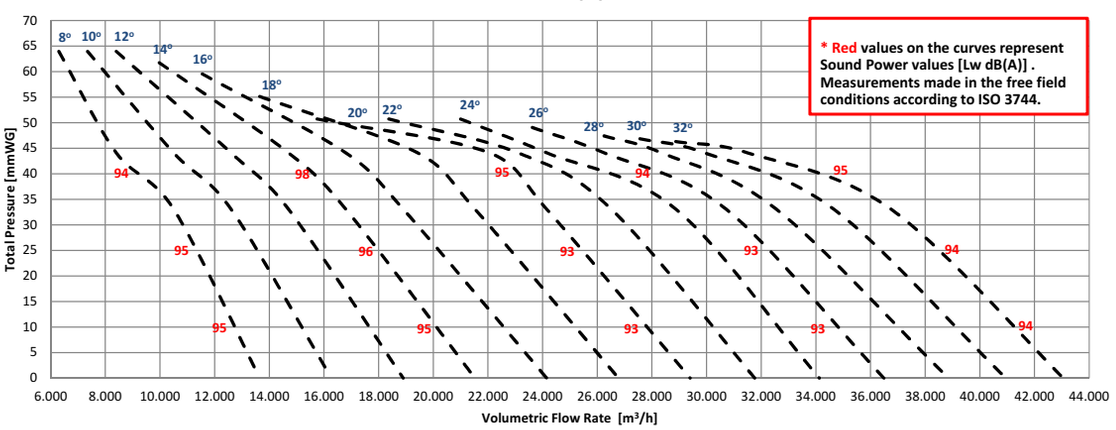

ARMO-R800/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
7,5 kW
5,5 kW
4 kW
3 kW
2,2 kW

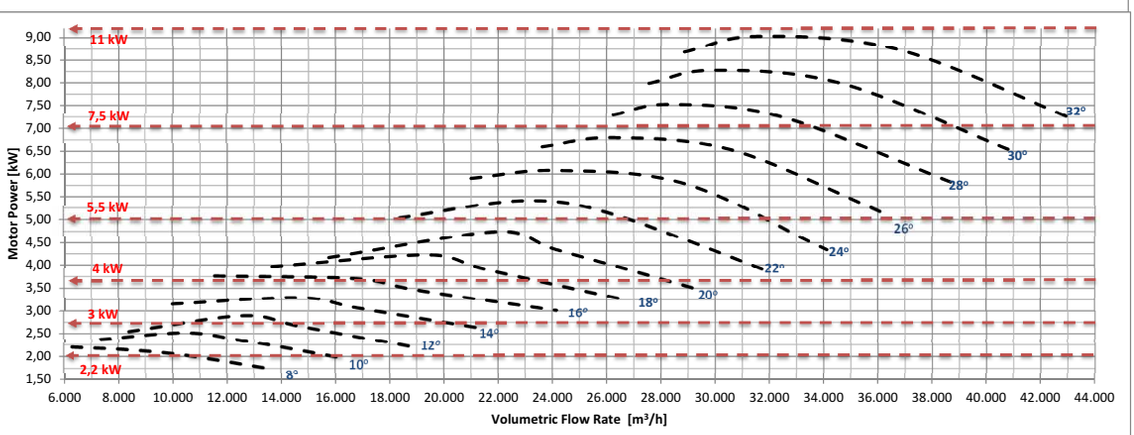
ARMO-R800/6/6A





ARMO-R800/9/4A





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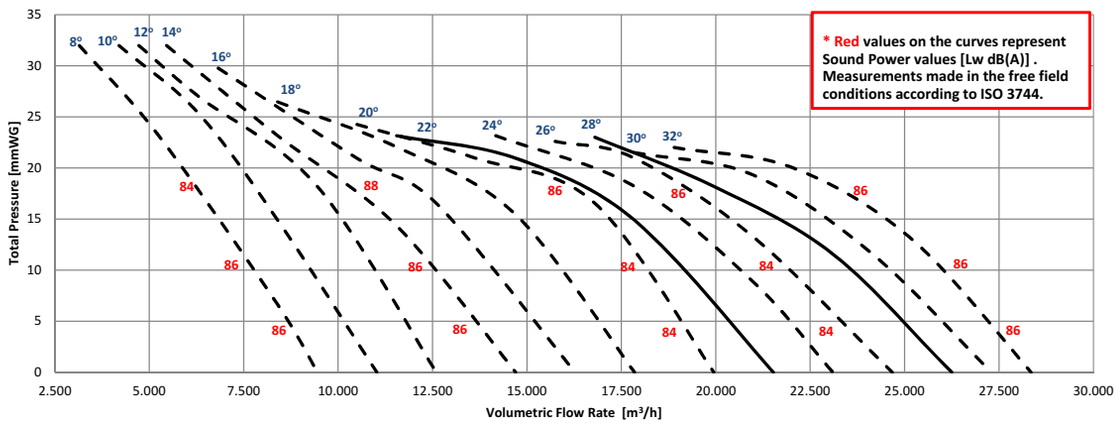

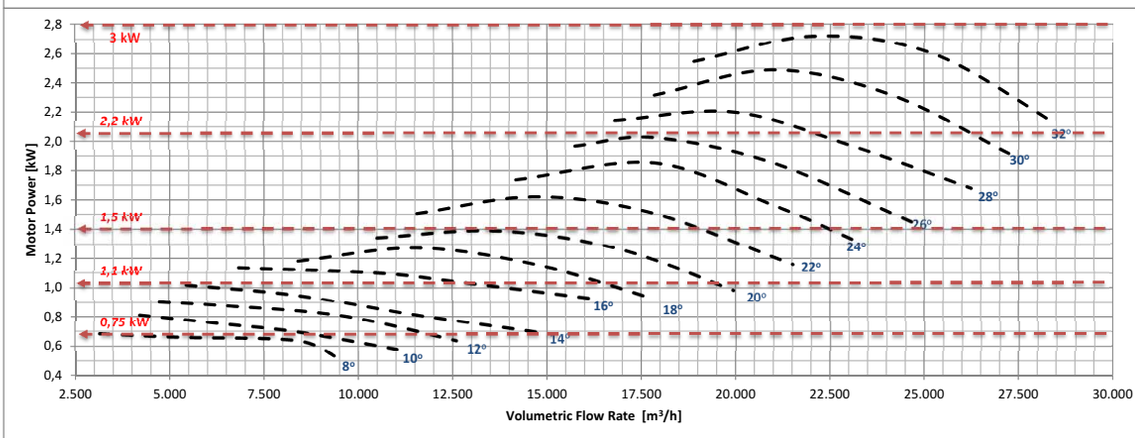

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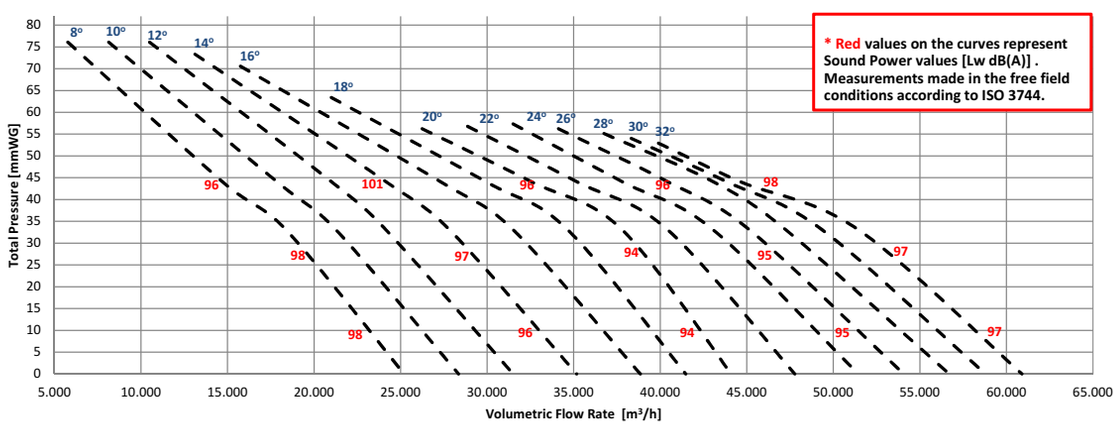

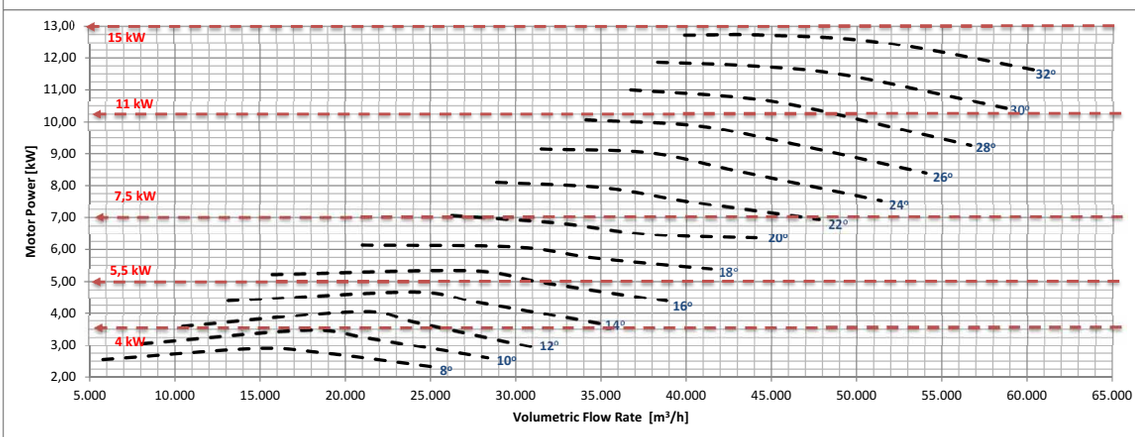

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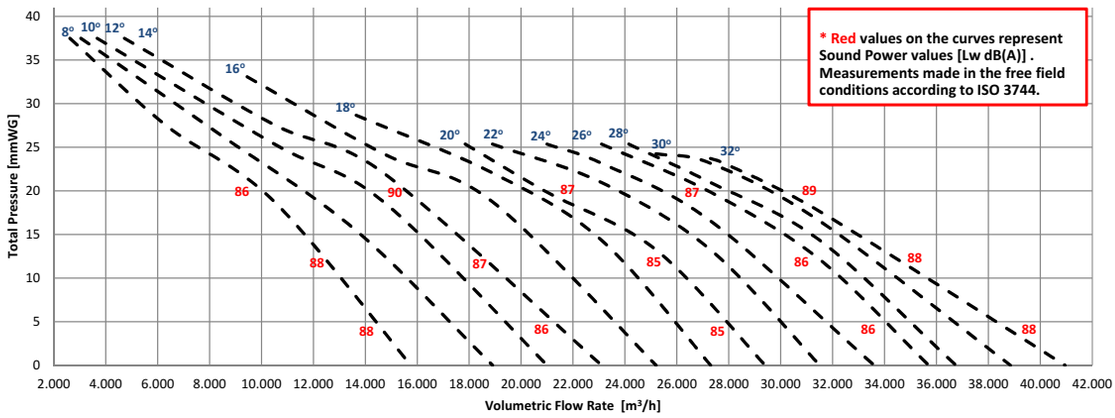
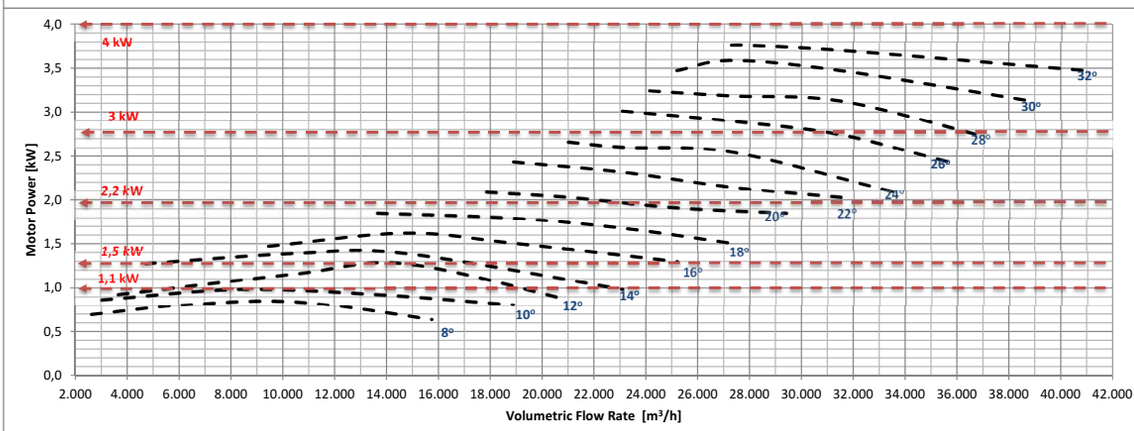
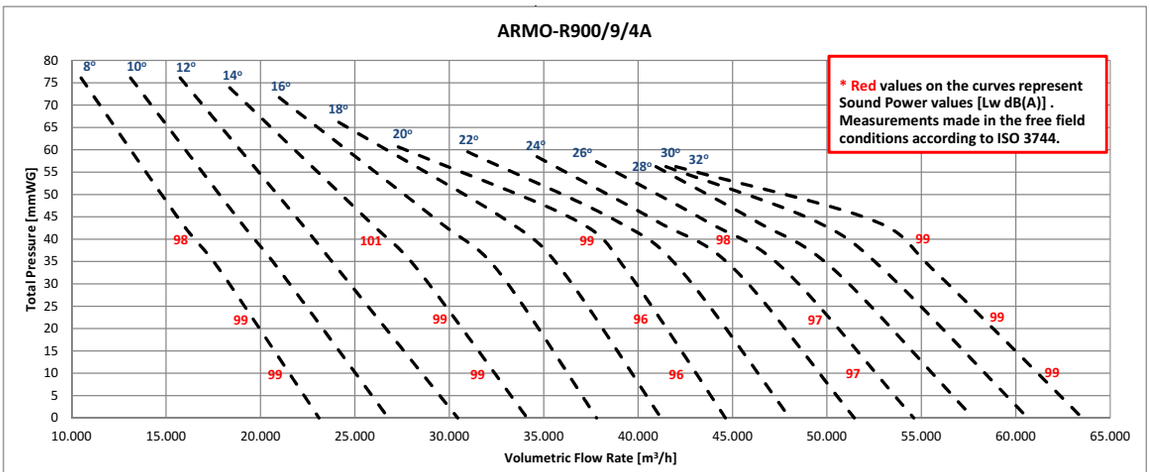
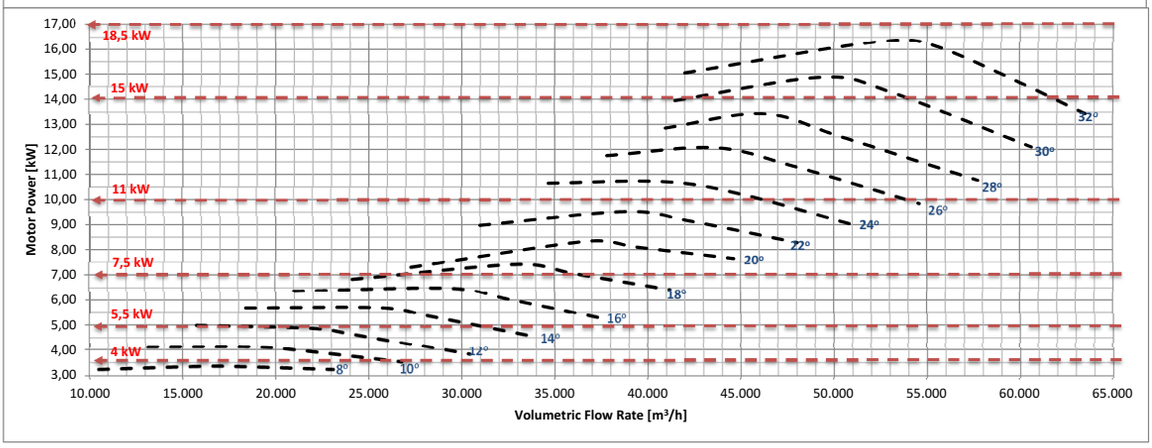


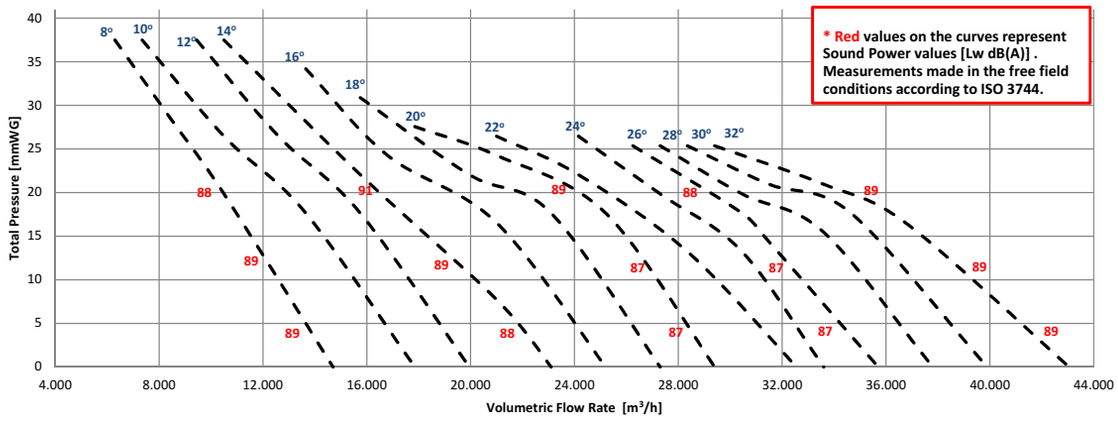


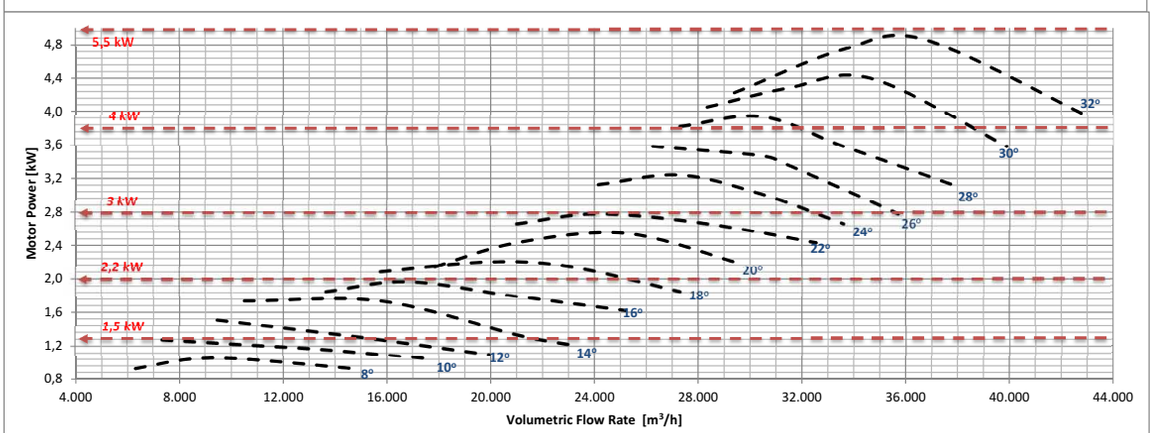
ARMO-R900/9/4A



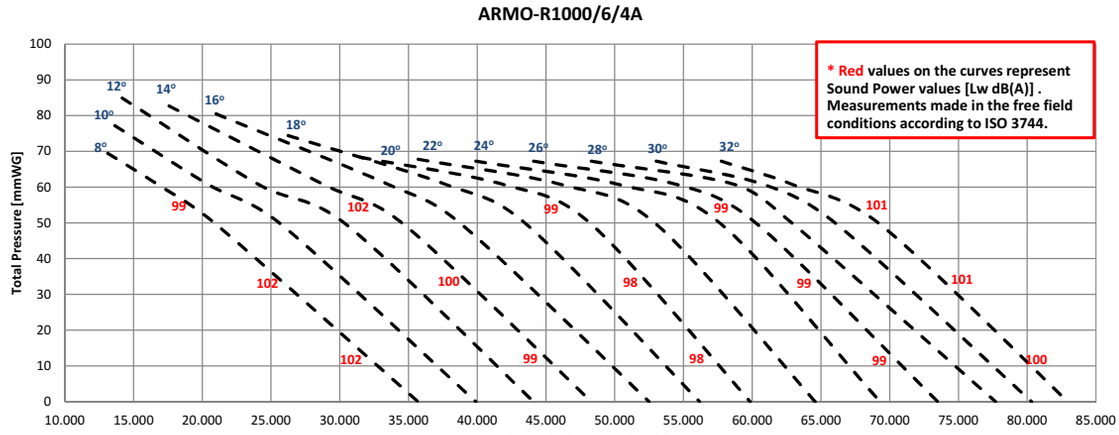


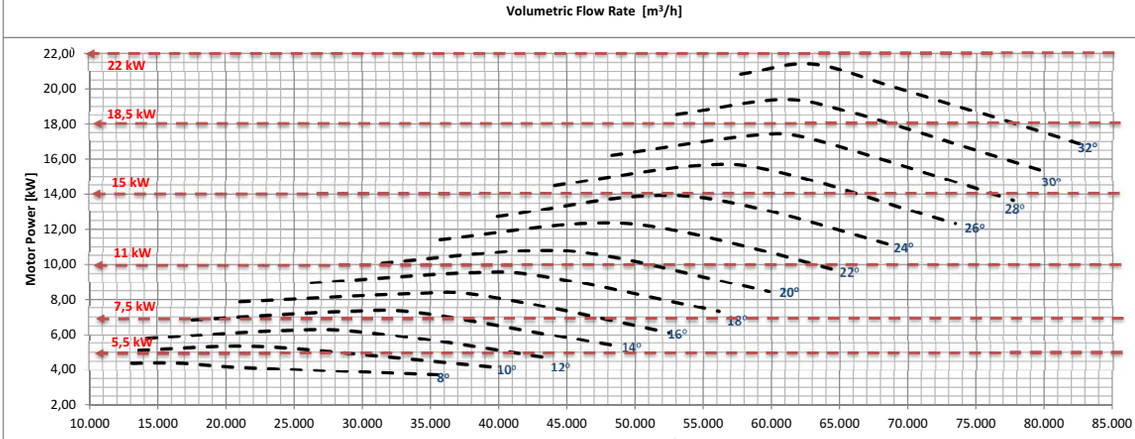
ARMO-R900/9/6A

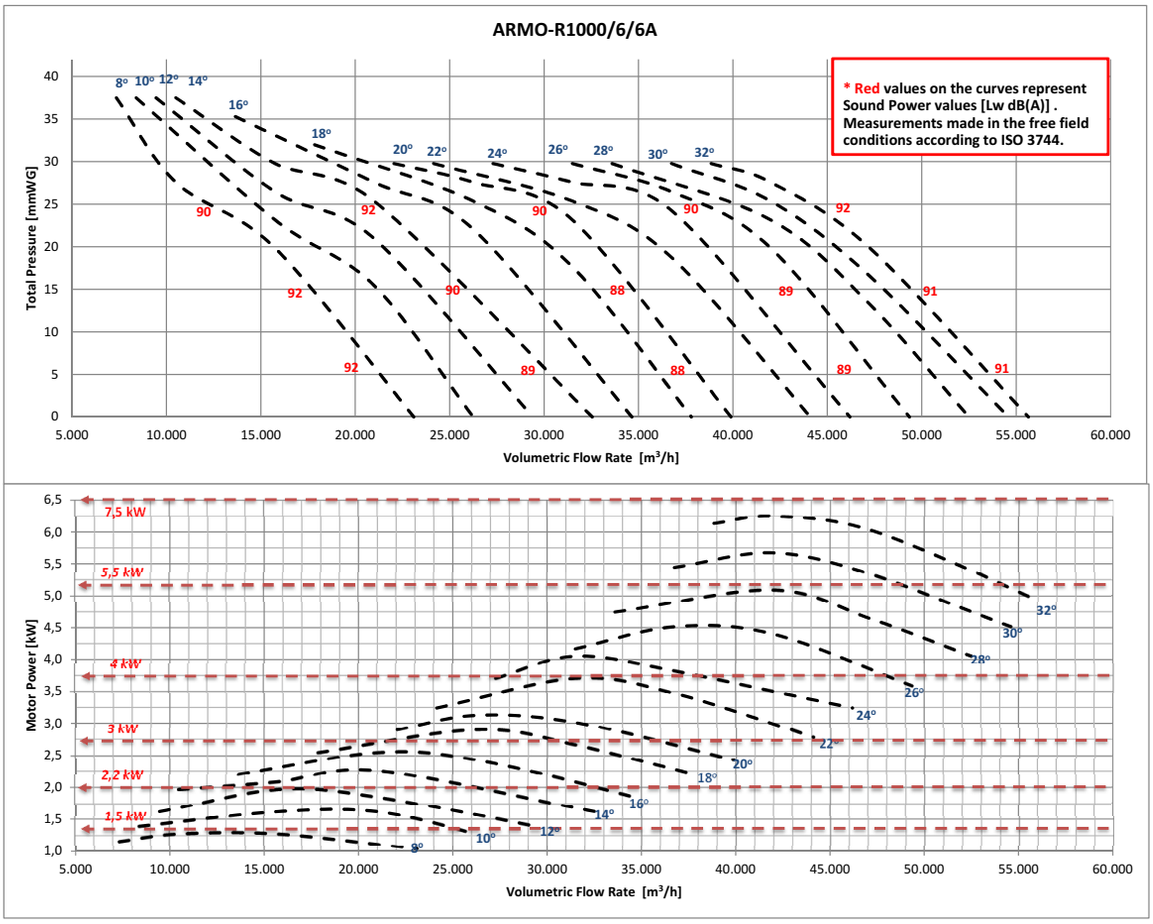


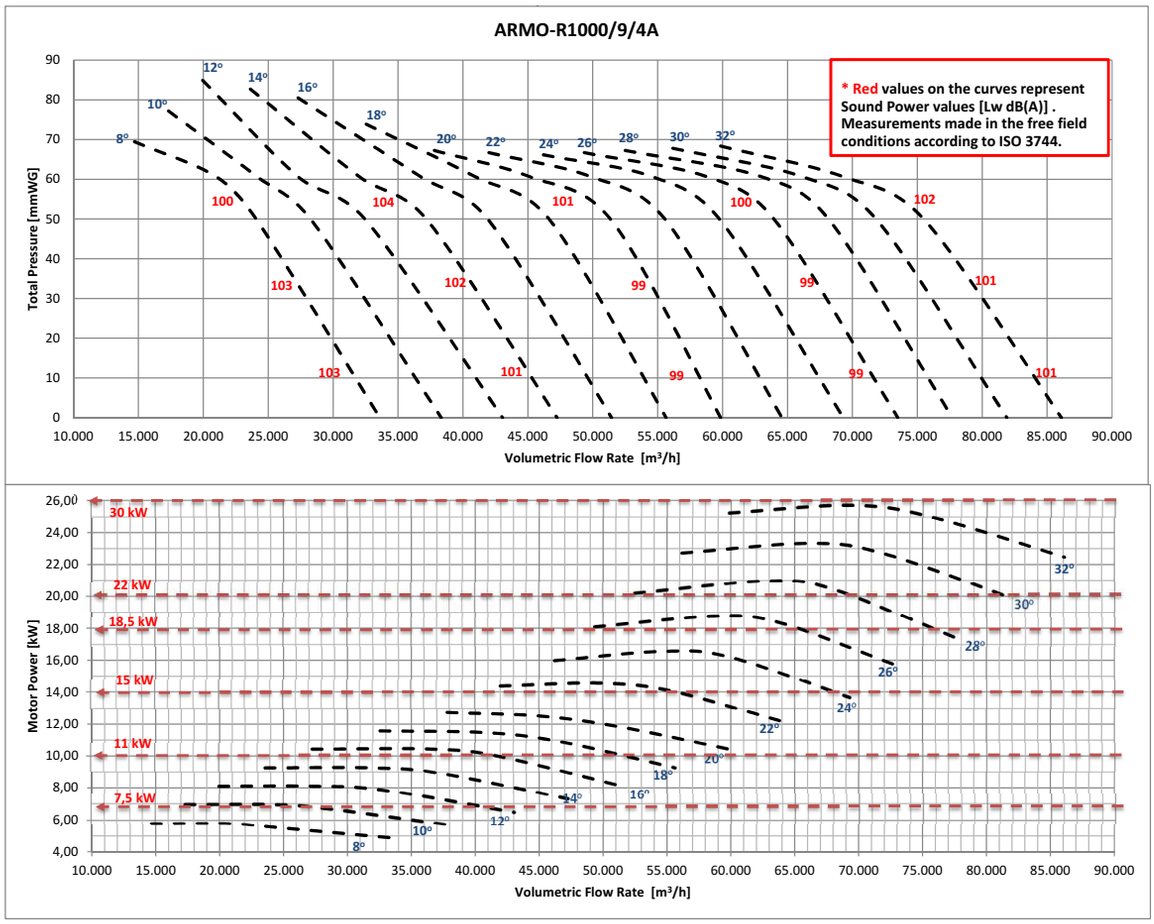


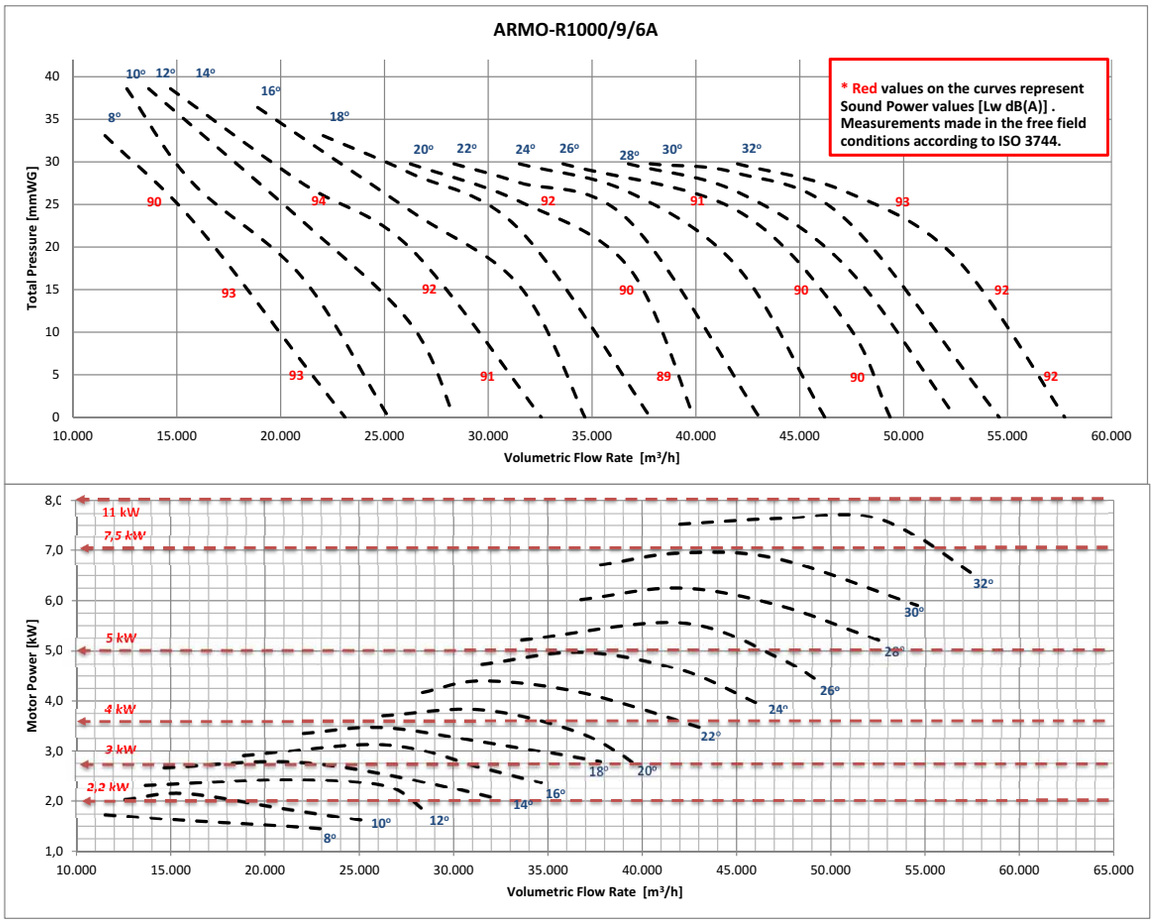
ARMO-R1000/6/4A

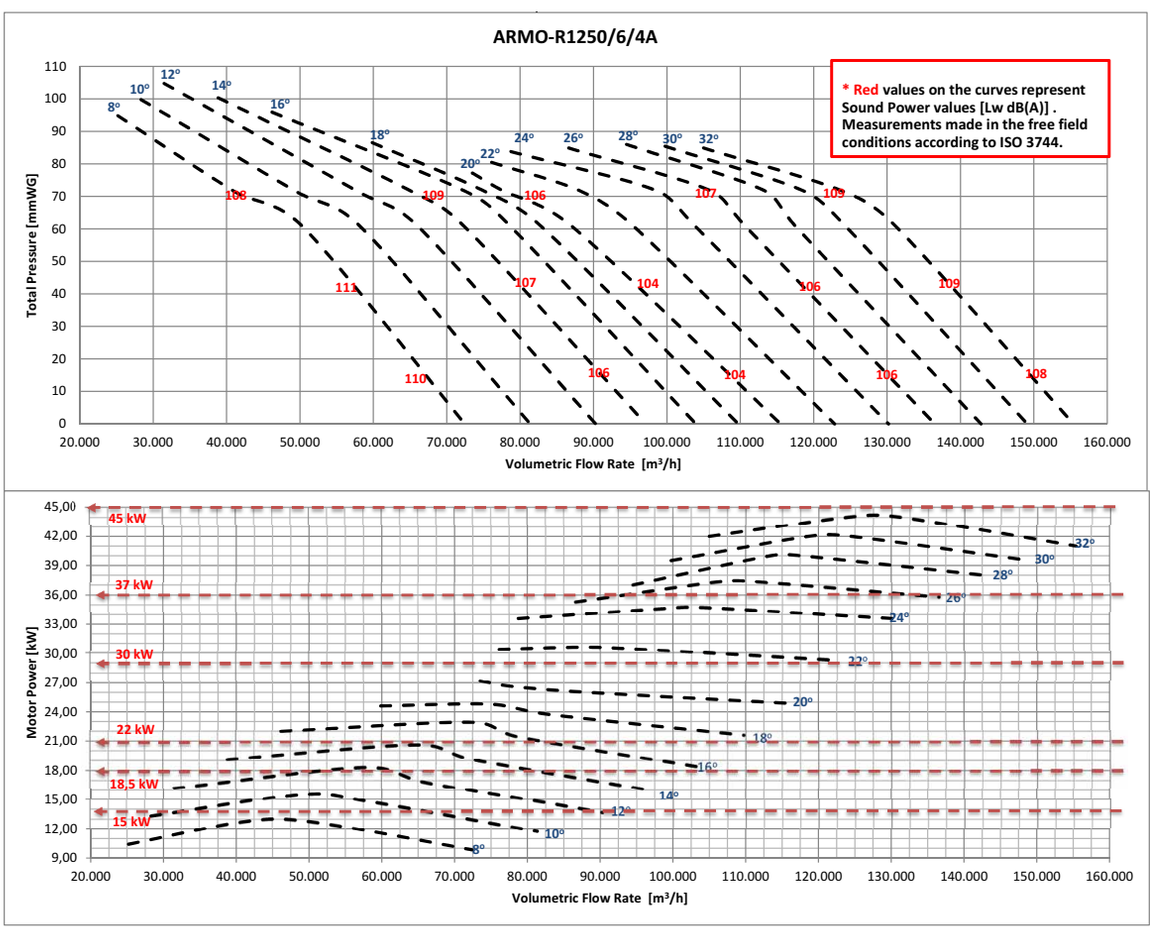


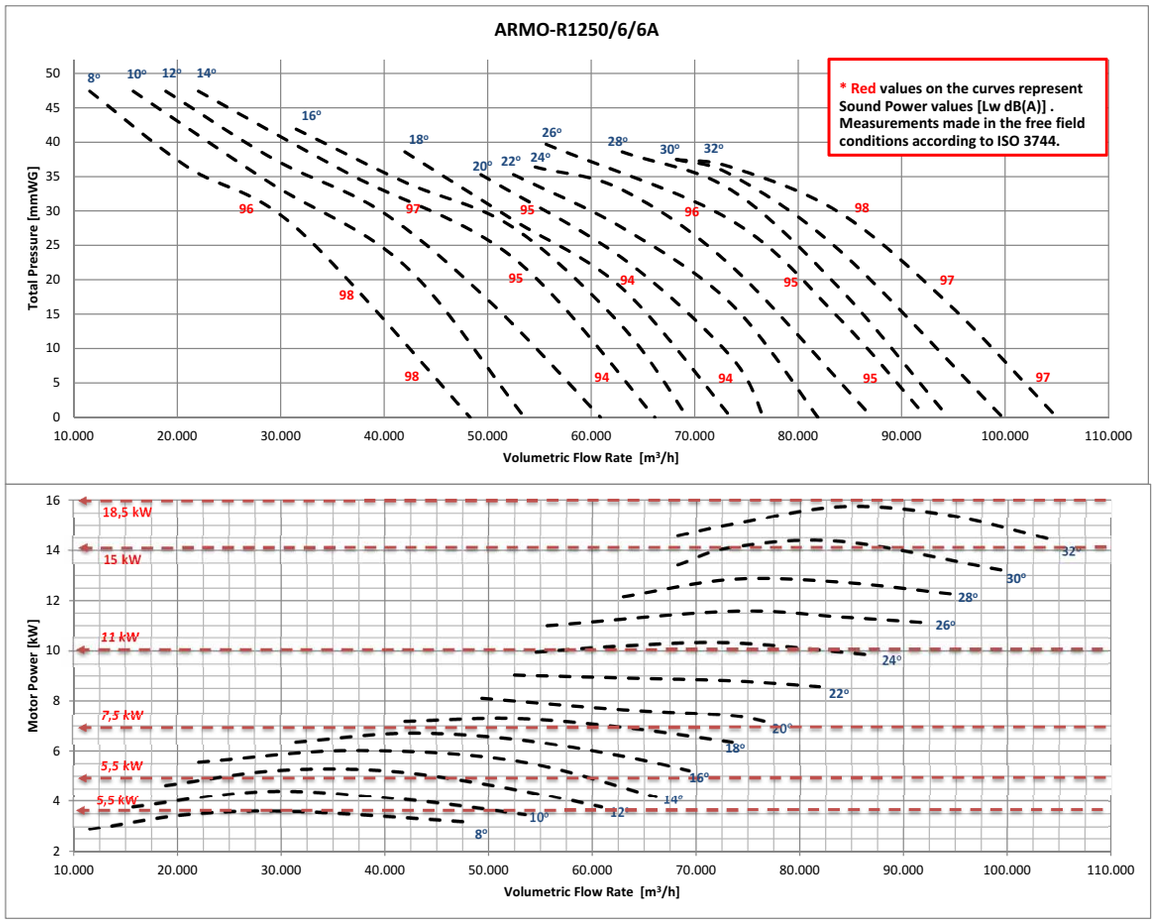


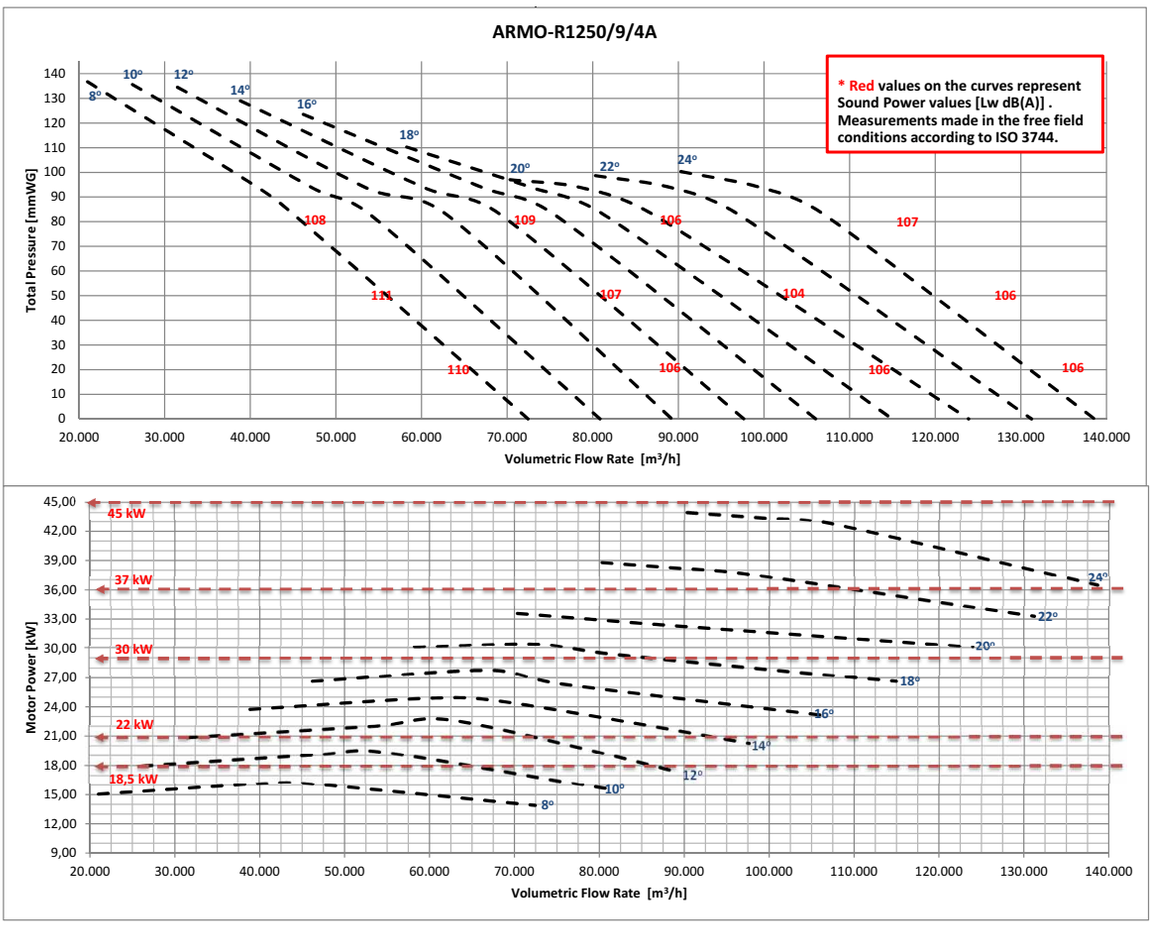

ARMO-R1000/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
7,5 kW
5,5 kW
4 kW
3 kW
2,2 kW
1,5 kW

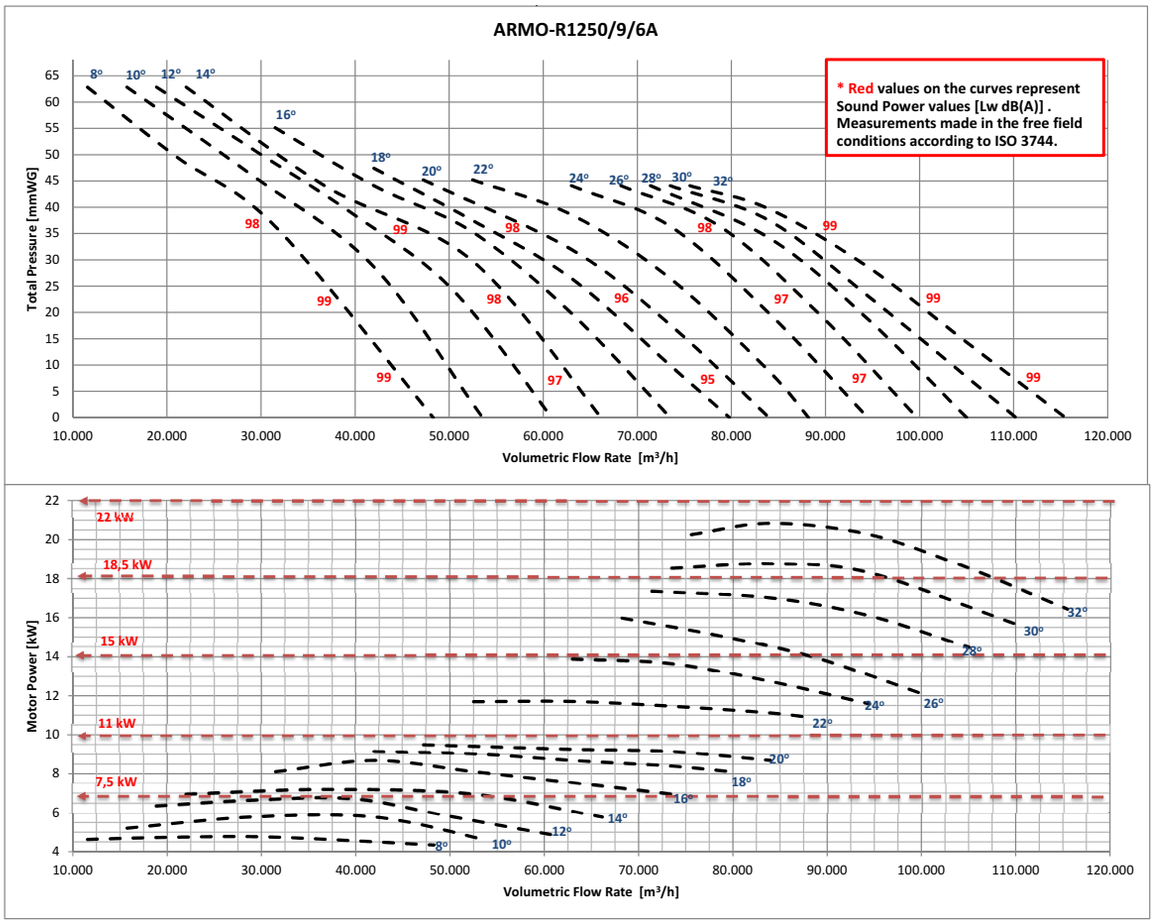

ARMO-R1000/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
30 kW
22 kW
18,5 kW
15 kW
11 kW
7,5 kW


ARMO-R1000/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
11 kW
7,5 kW
5 kW
4 kW
3 kW
2,2 kW


ARMO-R1250/6/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
45 kW
37 kW
30 kW
22 kW
18,5 kW
15 kW


ARMO-R1250/6/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
18,5 kW
15 kW
11 kW
7,5 kW
5,5 kW
5,5 kW


ARMO-R1250/9/4A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
45 kW
37 kW
30 kW
22 kW
18,5 kW


ARMO-R1250/9/6A
* Red values on the curves represent Sound Power values [Lw dB(A)] . Measurements made in the free field conditions according to ISO 3744.
Total Pressure [mmWG]
Volumetric Flow Rate [m³/h]
Motor Power [kW]
22 kW
18,5 kW
15 kW
11 kW
7,5 kW

B6PA

INDUSTRIAL AXIAL FANS / 6 Blade

Fan Components and Material Properties

Body and protective wire cage are made of electrostatic powder coated steel. The motor and fan impeller are connected to the main body by steel carriers. The device is capable of handling air at max.40ºC.

Fan Structure

The wings made of fiber glass composite materials are manufactured in airfoil structure to provide regular flow. Thanks to its aerodynamic wing structure, it works quietly.

Benefits

It works with low noise levels and is designed to be maintenance-free for long periods of time. It is manufactured with square frame which facilitates direct installation on the wall.

Speed can be adjusted with speed control devices. Propellers are manufactured in the most ideal angle according to their size and maximum performance is ensured.

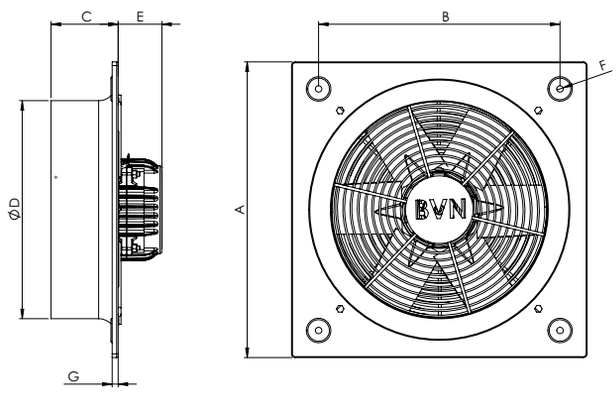
Speed Control

Optional control devices can be provided.
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)
3~phase products can be controlled by frequency inverter (see BSC-F accessory).

Usage Areas

It is also used in the ventilation of high volume factories, paint shops, warehouses and hangars. It provides the ideal solution for large areas with its high flow rate.

Technical Drawing and Tables



TYPE	A	B	C	D	E	F	G
B6PA 250	333	275	80	261	80	8.25	10
B6PA 300	412	336	80	307	80	8.25	10
B6PA 350	465	390	90	365	80	8.25	10
B6PA 400	500	420	100	403	80	8.25	10
B6PA 450	560	480	105	462	80	8.25	10
B6PA 500	630	561	110	513	90	8.25	10

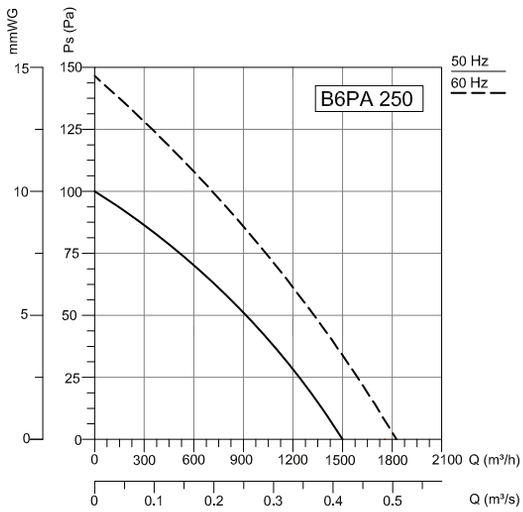
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg
B6 PAM 250	230	50/60	70/80	0,4/0,35	3	1450/1750	1500/1810	54	B	44	7,3
B6 PAM 300	230	50/60	85/110	0,45/,48	3	1450/1700	2390/2800	57	B	44	8,5
B6 PAM 350	230	50/60	250/310	1,22/1,38	6	1400/1550	4080/4520	60	B	44	9,9
B6 PAM 400	230	50/60	255/310	1,24/1,39	6	1375/1500	5200/5670	63	B	44	10,4
B6 PAM 450	230	50/60	360/432	1,6/1,92	8	1250/1500	6100/7320	61	B	44	11,4
B6 PAM 500	230	50/60	440/530	2/2,4	8	1250/1500	7200/8640	66	B	44	13,6
B6 PAT 250	380	50/60	120/100	0,75/0,61	-	1450/1745	1500/1800	54	B	44	7,3
B6 PAT 300	380	50/60	150/180	0,65	-	1450/1700	2390/2800	57	B	44	8,5
B6 PAT 350	380	50/60	190/230	0,80/0,70	-	1400/1550	4080/4520	60	B	44	9,9
B6 PAT 400	380	50/60	255/320	0,8/0,76	-	1375/1600	5200/6050	63	B	44	10,4
B6 PAT 450	380	50/60	290/350	0,82/0,78	-	1250/1500	6100/7320	61	B	44	11,4
B6 PAT 500	380	50/60	370/450	0,84/0,88	-	1375	7200	66	B	44	13,6

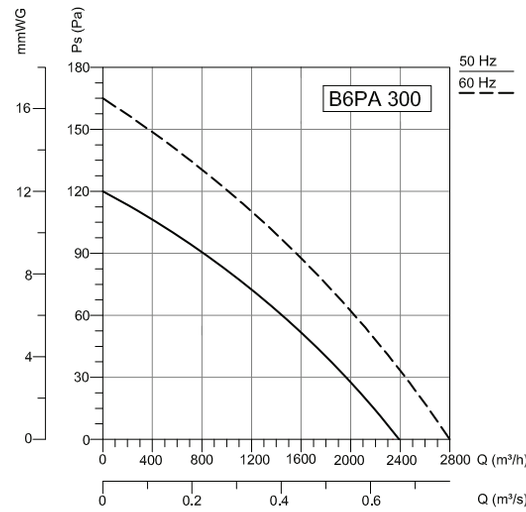
Sound Level Measured from 3m distance in room condition.

Accessories

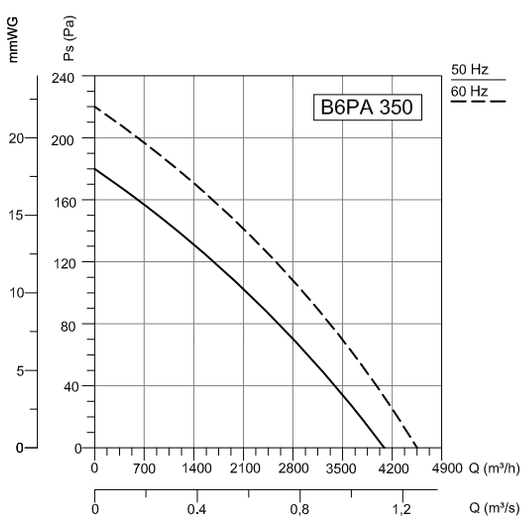
BSC BASP BTEK



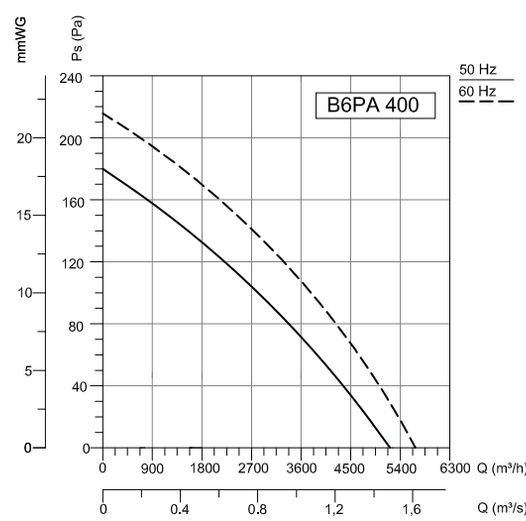
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	75	43	57	64	69	70	69	64	56	dB(A)



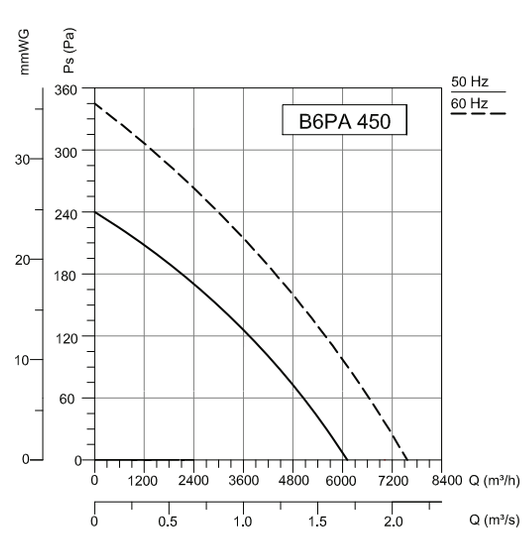
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	78	51	63	69	71	73	70	65	60	dB(A)



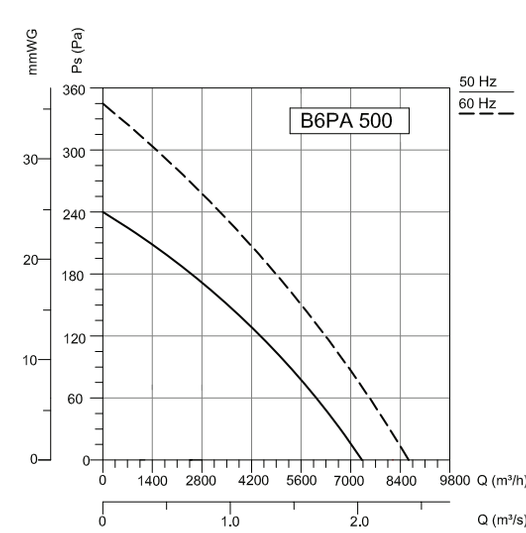
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	81	47	66	65	72	78	72	70	61	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	84	56	69	70	77	80	77	72	63	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	82	49	68	65	71	78	77	72	64	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	87	54	73	74	78	82	81	77	70	dB(A)

B5PA

INDUSTRIAL AXIAL FANS / 5 Blade

Fan Components and Material Properties

Body and protective wire cage are made of electrostatic powder coated steel. The motor and fan impeller are connected to the main body by steel carriers. The device is capable of handling air at max.40ºC.

Fan Structure

The wings made of fiber glass composite materials are manufactured in airfoil structure to provide regular flow. Thanks to its aerodynamic wing structure, it works quietly.

Benefits

It works with low noise levels and is designed to be maintenance-free for long periods of time. It is manufactured with square frame which facilitates direct installation on the wall. Speed can be adjusted with speed control devices. Propellers are manufactured in the most ideal angle according to their size and maximum performance is ensured.

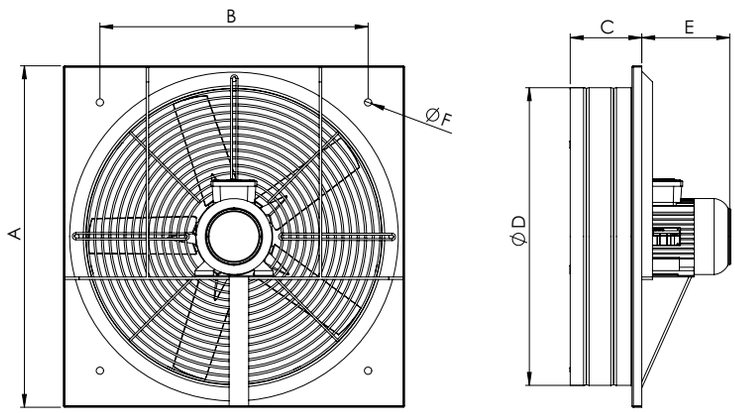
Speed Control

Optional control devices can be provided. Speed control can be done with frequency inverter in 3~ phase products. (see BSC-F accessory)

Usage Areas

It is also used in the ventilation of high volume factories, paint shops, warehouses and hangars. It provides the ideal solution for large areas with its high flow rate.

Technical Drawing and Tables



TYPE	A	B	C	D	E	F
B5PA 500	600	460	140	520	190	10
B5PA 600	700	550	140	610	190	15
B5PA 700	800	640	200	735	200	15
B5PA 800	950	770	235	835	250	15
B5PA 900	1100	900	260	935	250	15
B5PA 1000	1200	960	275	1035	275	15

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	kW	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg
B5PAM 500	230	50	0,55	3,3	20	1365	8500	68	F	55	16,6
B5PAM 600	230	50	0,75	4,6	30	1405	10500	70	F	55	20,5
B5PAM 700	230	50	1,1	7,1	35	1410	14000	75	F	55	33
B5PAM 800	230	50	2,2	13,4	60	1425	20000	80	F	55	52
B5PAT 500	380	50	0,55	1,6	-	1365	8500	68	F	55	16,6
B5PAT 600	380	50	0,75	2,1	-	1405	10500	70	F	55	20,5
B5PAT 700	380	50	1,1	2,6	-	1410	14000	75	F	55	33
B5 PAT 800	380	50	2,2	5,0	-	1425	20000	80	F	55	52
B5PAT 900	380	50	4	8,4	-	1440	32000	82	F	55	61
B5PAT 1000	380	50	5,5	11,2	-	1465	37000	85	F	55	90

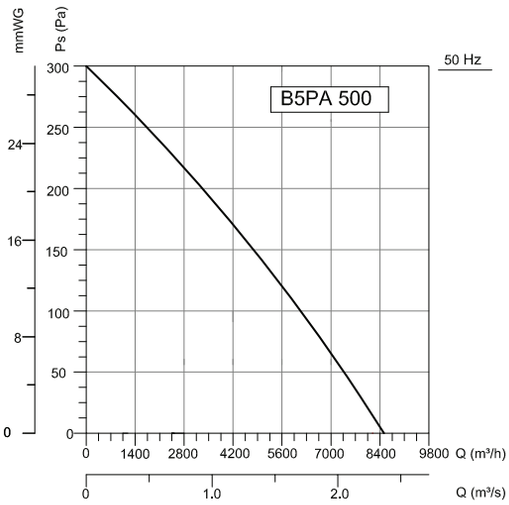
Sound Level Measured from 3m distance in room condition.

Accessories

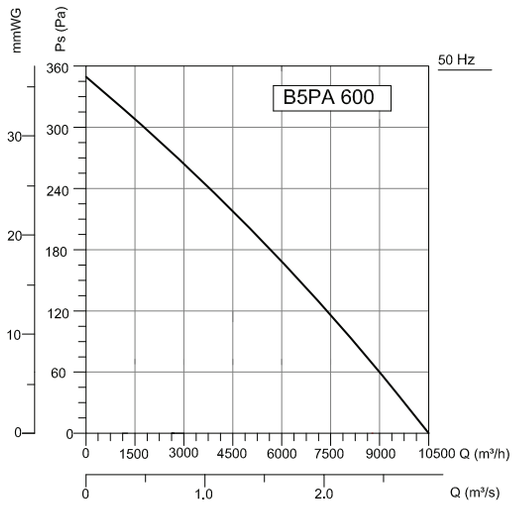

BSC-F


BASP

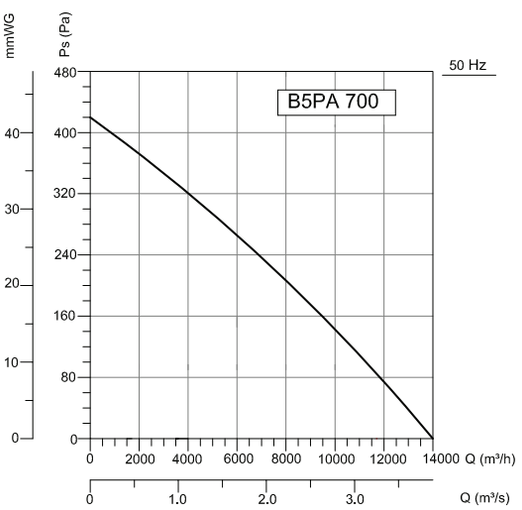

BTEK



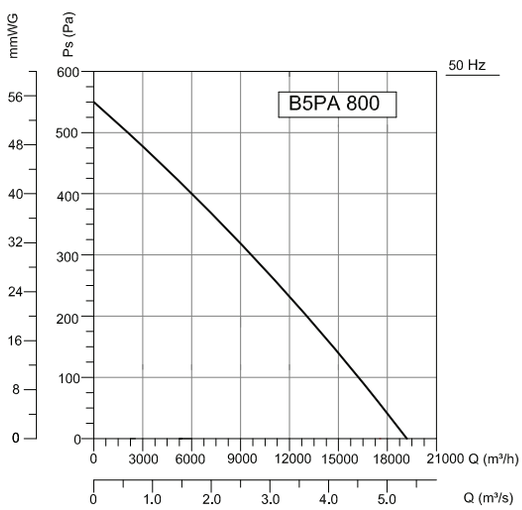
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	89	61	74	78	82	84	82	78	71	dB(A)



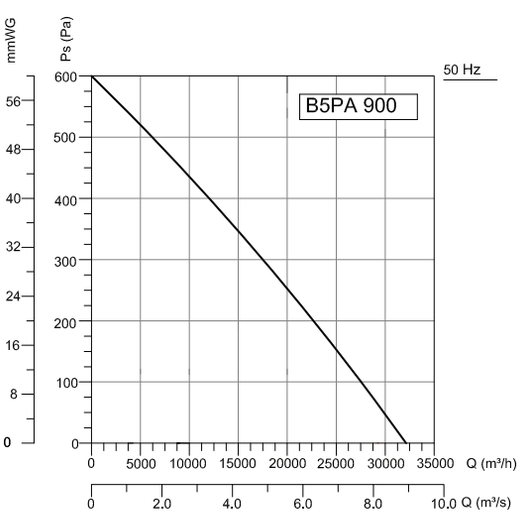
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	91	59	74	78	83	87	84	81	77	dB(A)



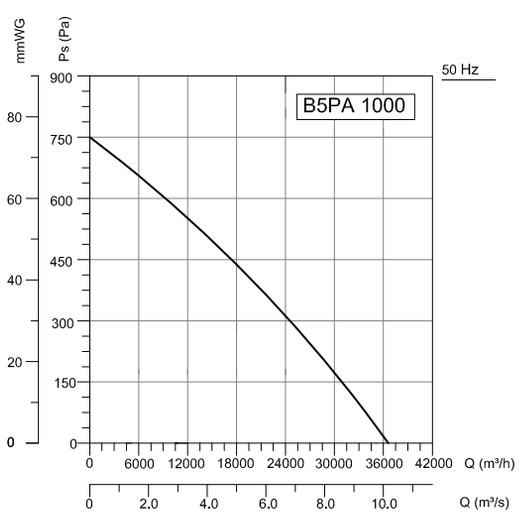
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	96	64	79	83	88	92	89	86	82	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	101	69	84	88	93	97	94	91	87	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	103	71	86	90	95	99	96	93	89	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Inlet	106	74	89	93	98	102	99	96	92	dB(A)

BSM-BST

INDUSTRIAL AXIAL FANS

Fan Components and Material Properties

Body and propeller are made of electrostatic powder coated sheet metal. The axial flaps are produced in an aerodynamic manner to ensure a smooth flow. The protective wire mesh is made of steel with electrostatic powder coating. The motor and fan impeller are connected to the main body by steel carriers.

Benefits

Thanks to their ideal wing angles, they achieve high air flow at minimum sound levels despite their small size. It has a compact design in high flow. Easily mounted on windows and wall.

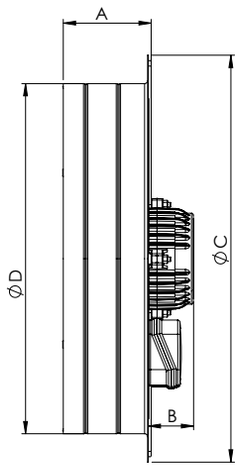
Speed Control

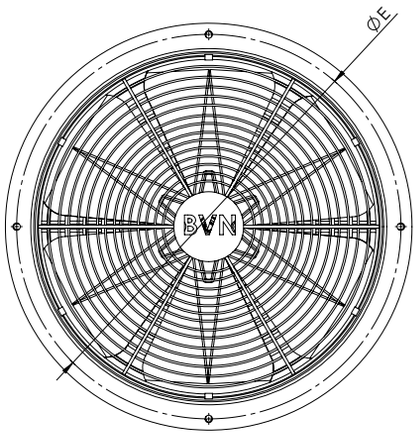
Optional control devices can be provided.
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)
3~phase products can be controlled by frequency inverter (see BSC-F accessory).

Usage Areas

Factories, warehouses, paint shops, shopping centers, etc. used for the ventilation of high volume places.

Technical Drawing and Tables





TYPE	A	B	C	D	E
BSM 250 / BST 250	114	61	304	251	277
BSM 300 / BST 300	114	61	390	325	360
BSM 350 / BST 350	114	61	435	374	405
BSM 400 / BST 400	114	61	485	427	455
BSM 450 / BST 450	114	61	546	470	516
BSM 500 / BST 500	125	61	590	518	560
BSM 550 / BST 550	130	160	624	560	595
BSM 600 / BST 600	130	160	674	610	645
BSM 250-2K/BST 250-2K	114	61	304	251	277

Dimensions are in (mm)

Accessories

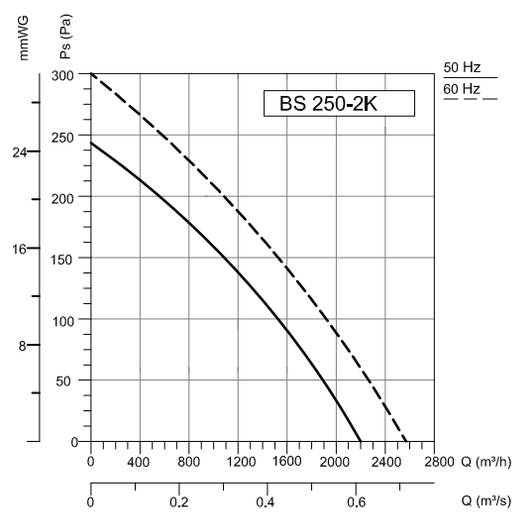

BSC


BSC-F

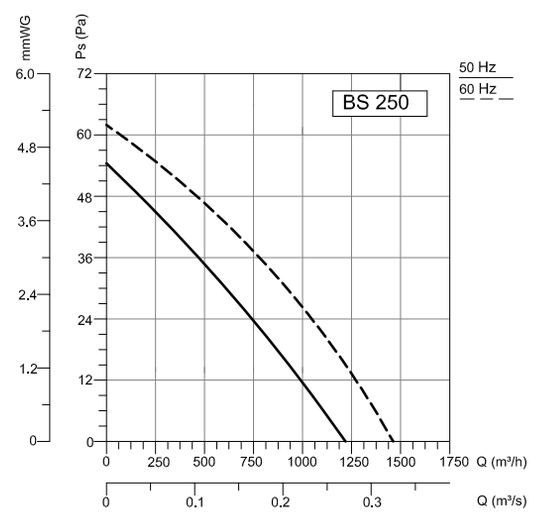

BASP

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg
BSM 250-2K	230	50/60	150/190	1/0,85	8	2900/3250	2200/2465	61	B	44	7,4
BSM 250	230	50/60	65/75	0,4/0,3	3	1475/1770	1200	45	B	44	7,4
BSM 300	230	50/60	90/110	0,45/0,50	3	1445/1700	2000	48	B	44	8
BSM 350	230	50/60	160	1,05/0,85	6	1460/1750	3250/3895	53	B	44	8,2
BSM 400	230	50/60	185	1,17/0,95	6	1425/1725	4500/5445	56	B	44	8,8
BSM 450	230	50/60	200/190	1,1/0,9	6	1430/1730	5000/6050	60	B	44	10
BSM 500	230	50/60	230	1,1	8	1440/1700	5500/6495	62	B	44	11
BSM 550	230	50/60	220/320	1,07/1,64	10	1440/1700	6000/7080	63	B	44	14,6
BSM 600	230	50/60	235/340	1,15/1,65	10	1400/1670	8000/9540	65	B	44	15,6
BST 250-2K	380	50/60	110/140	0,87/1,05	-	2900/3250	2200/2465	61	B	44	7,4
BST 250	380	50/60	50/60	0,25/0,35	-	1475/1770	1200	45	B	44	7,4
BST 300	380	50/60	70/85	0,30/0,36	-	1445/1700	2000	48	B	44	8
BST 350	380	50/60	120	0,45/0,55	-	1460/1750	3250/3895	53	B	44	8,2
BST 400	380	50/60	150	0,75/0,9	-	1425/1725	4500/5445	56	B	44	8,8
BST 450	380	50/60	170/200	1,1/0,9	-	1430/1730	5000/6050	60	B	44	10
BST 500	380	50/60	200	1,1	-	1440/1700	5500/6495	62	B	44	11
BST 550	380	50/60	220/320	1,07/1,64	-	1440/1700	6000/7080	63	B	44	14,6
BST 600	380	50/60	235/340	1,15/1,65	-	1400/1670	8000/9540	65	B	44	15,6

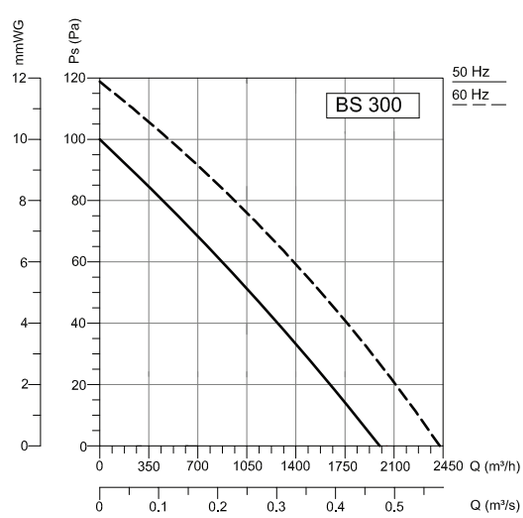
The sound level is measured at a distance of 3 m in open field condition.



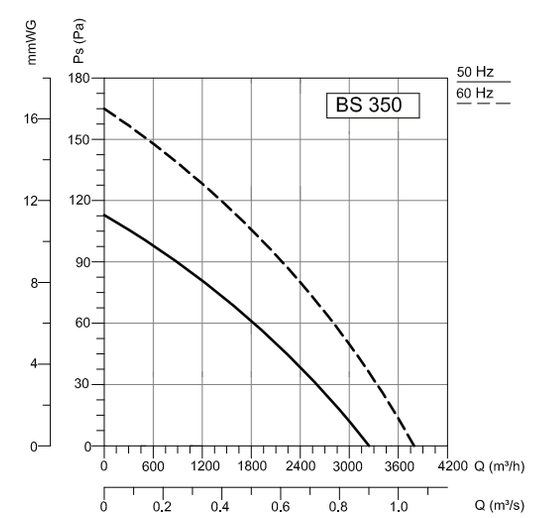
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	82	56	67	76	75	77	75	70	64	dB(A)



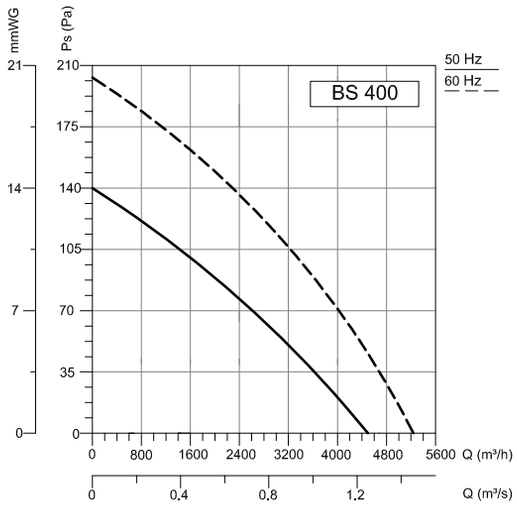
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	66	34	48	55	60	61	60	55	47	dB(A)



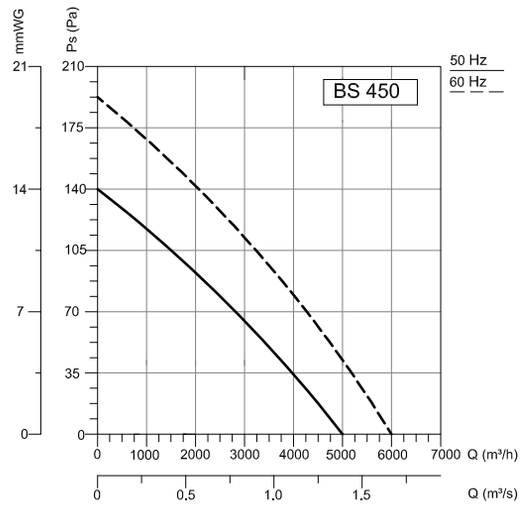
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	69	43	54	60	62	64	61	56	51	dB(A)



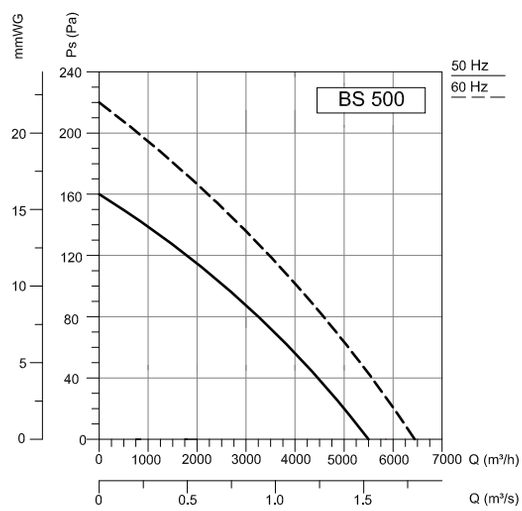
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	74	40	59	58	65	71	65	63	54	dB(A)



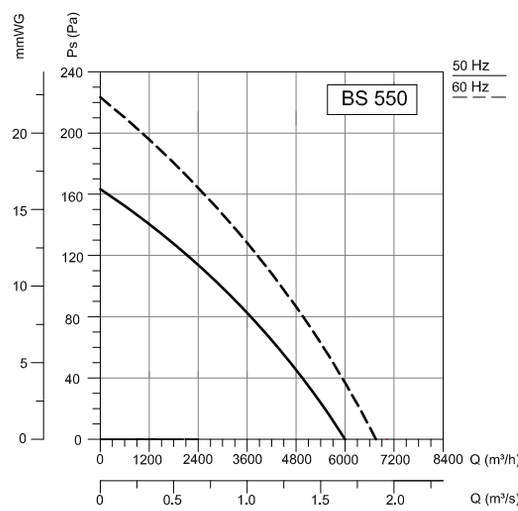
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	77	49	62	63	70	73	70	65	56	dB(A)



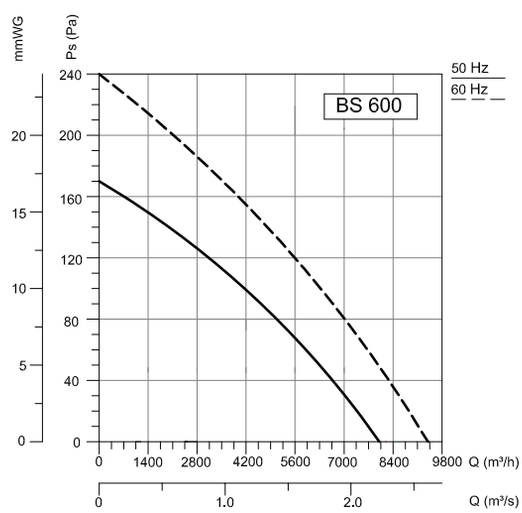
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	81	48	67	64	70	77	76	71	63	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	83	50	69	70	74	78	77	73	66	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	85	57	70	74	78	80	78	74	67	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	86	54	69	73	78	82	79	76	72	dB(A)

BSMS-BSTS

INDUSTRIAL AXIAL FANS

Fan Components and Material Properties

Body and propeller are made of electrostatic powder coated sheet metal. The axial flaps are produced in an aerodynamic manner to ensure a smooth flow. The protective wire mesh is made of steel with electrostatic powder coating. The motor and fan impeller are connected to the main body by steel carriers.

Benefits

Thanks to their ideal wing angles, they achieve high air flow at minimum sound levels despite their small size. It has a compact design in high flow. Thanks to its square frames, it is easy to install on the wall and window.

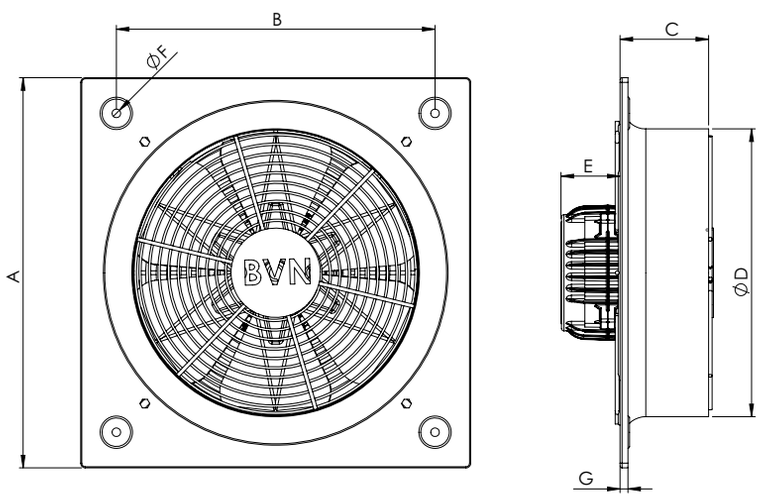
Speed Control

Optional control devices can be provided.
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)
3~phase products can be controlled by frequency inverter (see BSC-F accessory).

Usage Areas

Factories, warehouses, paint shops, shopping centers, etc. used for the ventilation of high volume places.

Technical Drawing and Tables



TYPE	A	B	C	D	E	F	G
BSMS 250 / BSTS 250	333	275	80	261	80	8	10
BSMS 300 / BSTS 300	412	336	80	307	80	8	10
BSMS 350 / BSTS 350	465	390	90	365	80	8	10
BSMS 400 / BSTS 400	500	420	100	403	80	8	10
BSMS 450 / BSTS 450	560	480	105	462	80	8	10
BSMS 500 / BSTS 500	630	561	110	513	90	8	10
BSMS 550 / BSTS 550	660	585	145	565	135	8	10
BSMS 600 / BSTS 600	700	631	145	612	135	8	10
BSMS 250-2K/BSTS 250-2K	333	275	80	261	80	8	10

Dimensions are in (mm)

Accessories

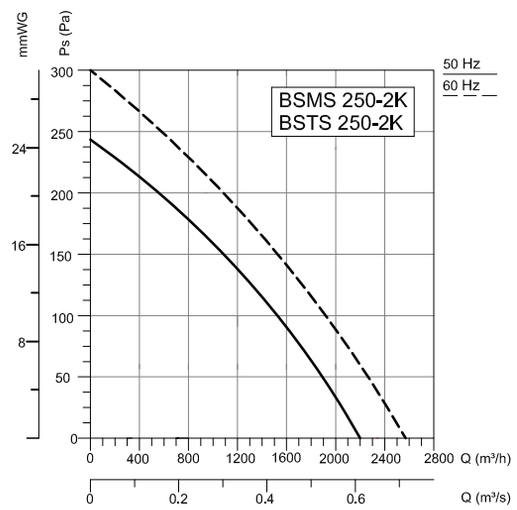

BSC


BSC-F

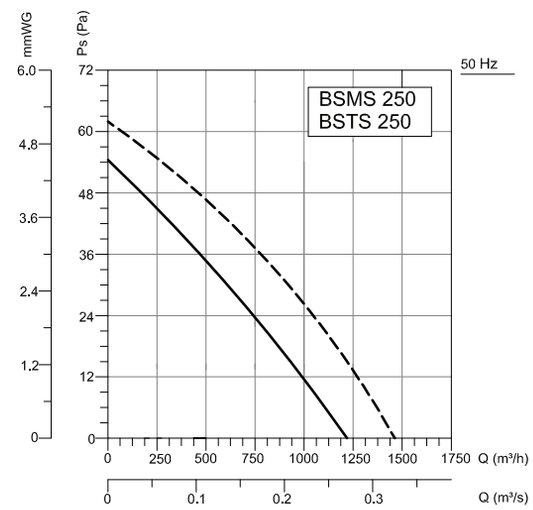

BASP

TYPE	VOLTAGE V	FREQUENCY Hz	POWER W	CURRENT (A)	CAPACITOR (µF)	SPEED r.p.m	AIR FLOW m^3/h	SOUND PRESSURE dB(A)	INSULATION CLASS Ins.cl.	PROTECTION CLASS IP	WEIGHT kg
BSMS 250-2K	230	50/60	150/190	1/0,85	8	2900/3250	2200/2465	61	B	44	6,3
BSMS 250	230	50/60	65/75	0,4/0,3	3	1475/1770	1200	45	B	44	6
BSMS 300	230	50/60	90/110	0,45/0,50	3	1445/1700	2000	48	B	44	7
BSMS 350	230	50/60	160	1,05/0,85	6	1460/1750	3250/3895	53	B	44	8,2
BSMS 400	230	50/60	185	1,17/0,95	6	1425/1725	4500/5445	56	B	44	9
BSMS 450	230	50/60	200/190	1,1/0,9	6	1430/1730	5000/6050	60	B	44	9,6
BSMS 500	230	50/60	230	1,1	8	1440/1700	5500/6495	62	B	44	11
BSMS 550	230	50/60	220/320	1,07/1,64	10	1440/1700	6000/7080	63	B	44	15,3
BSMS 600	230	50/60	235/340	1,15/1,65	10	1400/1670	8000/9540	65	B	44	15,6
BSTS 250-2K	380	50/60	150/180	0,48/0,40	-	2900/3400	2200/2580	61	B	44	6,3
BSTS 250	380	50/60	100/120	0,62/0,46	-	1450/1750	1200/1450	45	B	44	6
BSTS 300	380	50/60	130/155	0,65/0,50	-	1450/1750	2000/2400	48	B	44	7
BSTS 350	380	50/60	135/160	0,65/0,51	-	1470/1720	3250/3800	53	B	44	8,2
BSTS 400	380	50/60	150/180	0,66/0,55	-	1450/1700	4500/5275	56	B	44	9
BSTS 450	380	50/60	155/185	0,66/0,55	-	1450/1700	5000/6000	60	B	44	9,6
BSTS 500	380	50/60	160/190	0,67/0,55	-	1450/1700	5500/6450	62	B	44	11
BSTS 550	380	50/60	165/195	0,67/0,56	-	1400/1575	6000/6750	63	B	44	15,3
BSTS 600	380	50/60	170/200	0,68/0,57	-	1400/1650	8000/9400	65	B	44	15,6

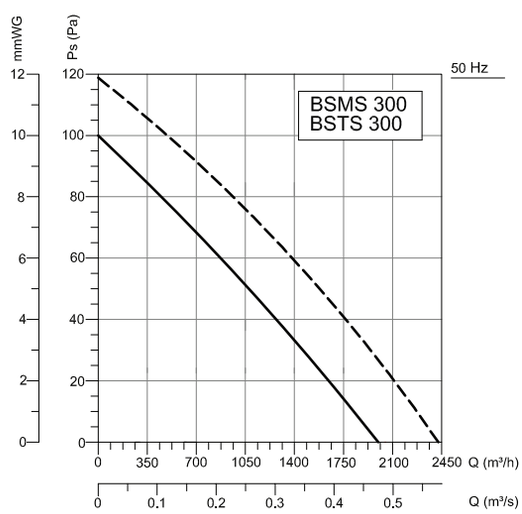
The sound level is measured at a distance of 3 m in open field condition.



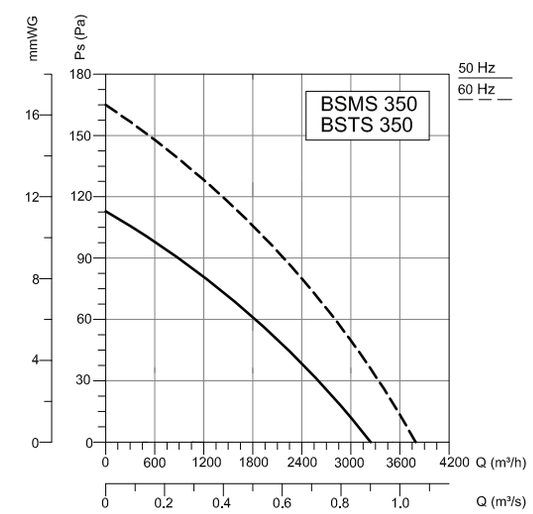
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	82	56	67	76	75	77	75	70	64	dB(A)



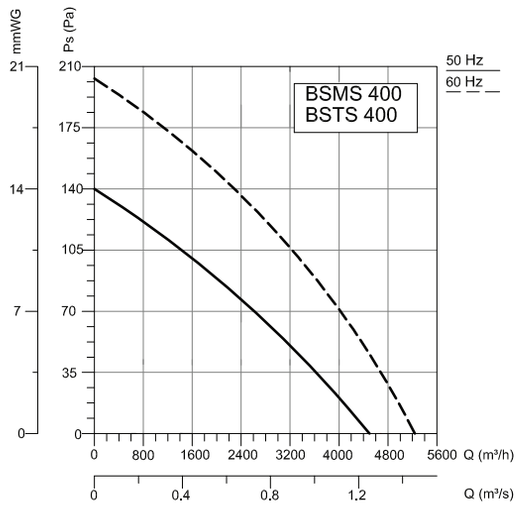
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	66	34	48	55	60	61	60	55	47	dB(A)



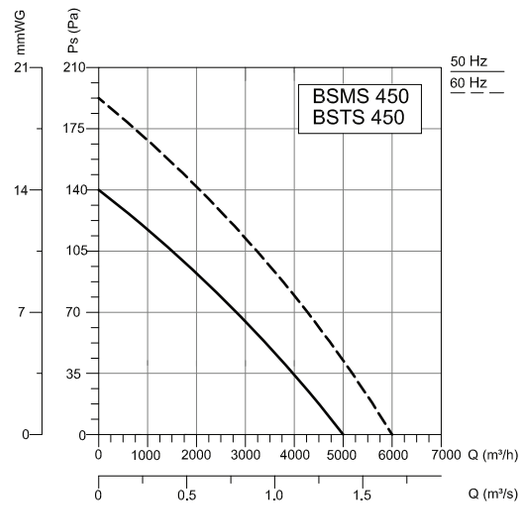
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	69	43	54	60	62	64	61	56	51	dB(A)



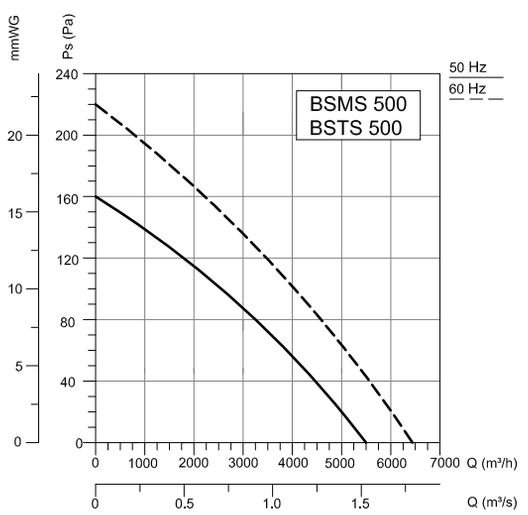
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	74	40	59	58	65	71	65	63	54	dB(A)



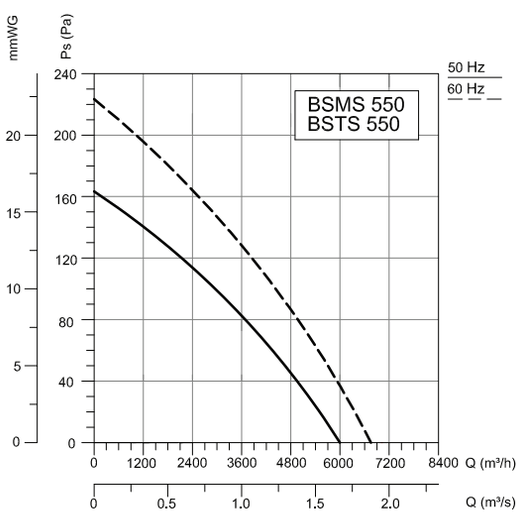
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	77	49	62	63	70	73	70	65	56	dB(A)



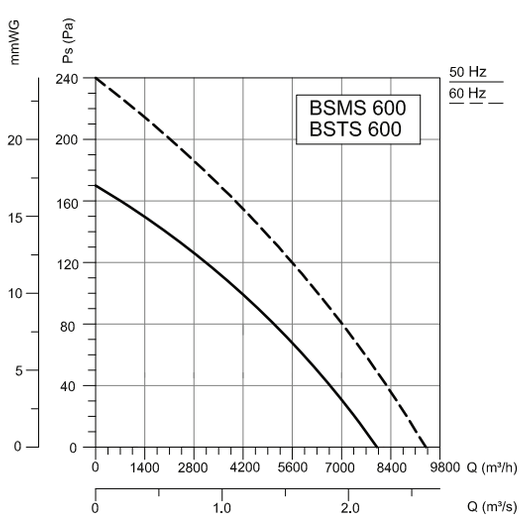
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	81	48	67	64	70	77	76	71	63	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	83	50	69	70	74	78	77	73	66	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	85	57	70	74	78	80	78	74	67	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	86	54	69	73	78	82	79	76	72	dB(A)

BSV

INDUSTRIAL VENTILATORS

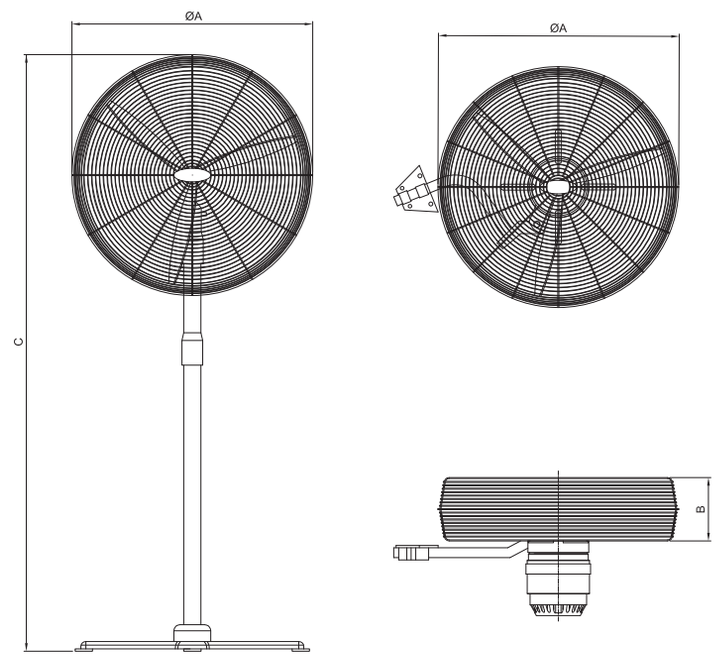
Fan Components and Material Properties
Automatic right-to-left axis, up-down axis with manual rotation capability to cool any desired direction. It can be mounted on wall with BSV-D wall type.

Fan Structure
The aerodynamically optimized wings provide high efficiency.

Speed Control
3-speed speed switch is available.

Usage Areas
Greenhouses, warehouses, paint shops, textile workshops, factories etc. Can be used in places.

Technical Drawing and Tables



TYPE	A	B	C
BSV 500	500	120	1900
BSV 600	600	120	1900
BSV 750	720	120	1950
BSV-D 500	500	120	-
BSV-D 600	600	120	-
BSV-D 750	750	120	-

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	WEIGHT
	V	Hz	W	r.p.m	m^3/h	kg
BSV 500	230	50	120	1400	7000	19
BSV 600	230	50	150	1400	11000	24
BSV 750	230	50	350	1400	17400	27
BSV-D 500	230	50	120	1400	7000	19
BSV-D 600	230	50	150	1400	11000	24
BSV-D 750	230	50	350	1400	17400	27

Sound Level Measured from 3m distance in room condition.

BB

AXIAL FANS

Fan Components and Material Properties

Body and fan are made of electrostatic powder coated sheet steel. The motor and fan impeller are connected to the main body by steel carriers. Easily mounted on windows and wall. Provides strong airflow thanks to ideal blade angles.

Benefits

Provides strong airflow thanks to ideal blade angles. It has a compact design.

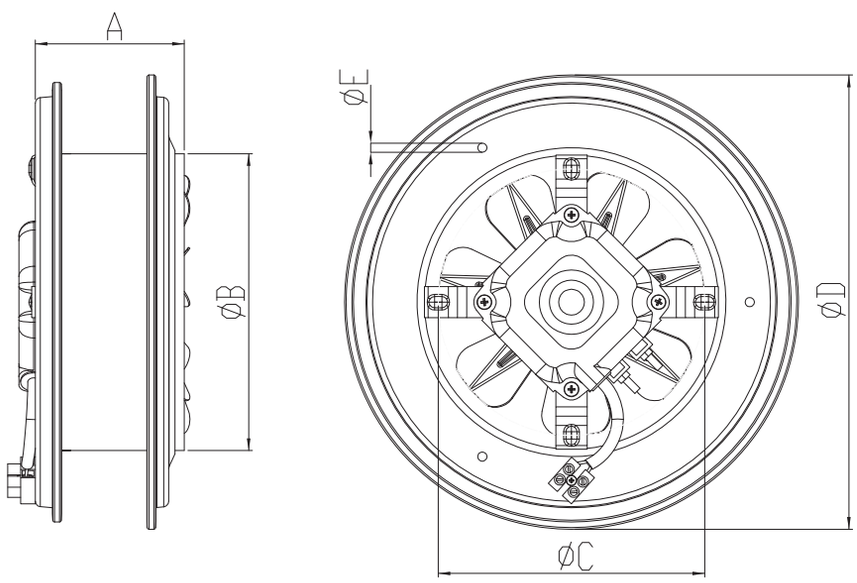
Speed Control

Optional control devices can be provided.
* Speed control can be done with linear voltage regulator. (see BSC accessory)

Usage Areas

It is used in the kitchen, bathroom, office and workplaces where smelly, smoke-like air is required to be discharged.

Technical Drawing and Tables



TYPE	A (± 2)	B	C	D	E
BB 160	82	162	148	236	5
BB 200	82	202	178	282	5
BB 250	82	248	234	332	5
BB 300	82	298	284	380	5

Dimensions are in (mm)

TYPE	VOLTAGE V	FREQUENCY Hz	POWER W	CURRENT (A)	SPEED r.p.m	AIR FLOW m^3/h	SOUND PRESSURE dB(A)	INSULATION CLASS Ins.cl.	PROTECTION CLASS IP	WEIGHT kg	PIECES IN BOX AD
BB 160	230	50/60	25	0,15	1450	450	40	B	44	1,5	8
BB 200	230	50/60	28	0,15	1250	780	42	B	44	1,7	8
BB 250	230	50/60	48	0,33	1450	890	46	B	44	2,5	8
BB 300	230	50/60	50	0,33	1350	1150	50	B	44	2,8	8

The sound level is measured at a distance of 3 m in open field condition.

Accessories

BSC

BK

AXIAL FANS

Fan Components and Material Properties

Body and fan are made of electrostatic powder coated sheet steel. The motor and fan impeller are connected to the main body by steel carriers. Easily mounted on windows and wall. Provides strong airflow thanks to ideal blade angles.

Benefits

Provides strong airflow thanks to ideal blade angles. Covered structure with unwanted air, dust, rain, etc. prevents entry. It has a compact design.

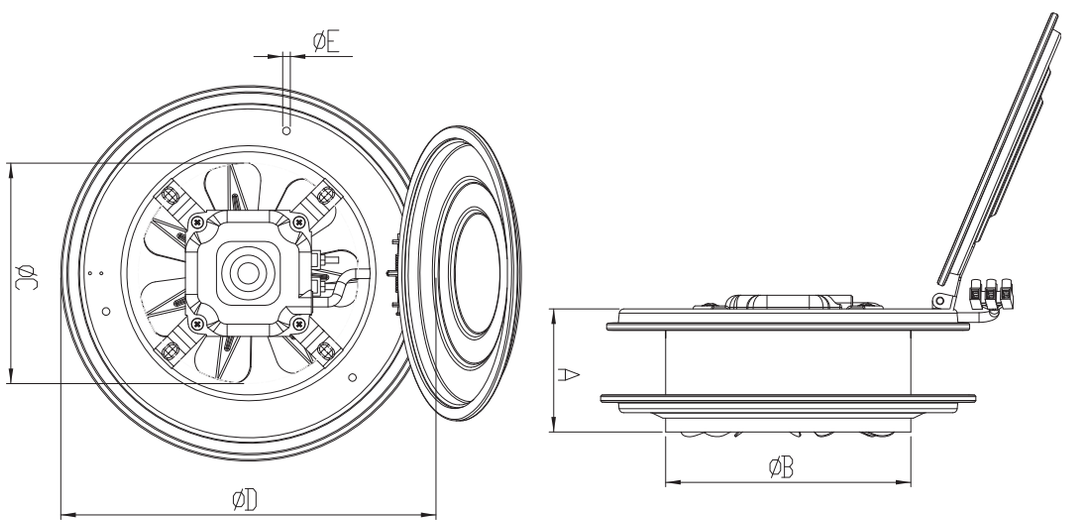
Speed Control

Optional control devices can be provided.
* Speed control can be done with linear voltage regulator. (see BSC accessory)

Usage Areas

It is used in the kitchen, bathroom, office and workplaces where smelly, smoke-like air is required to be discharged.

Technical Drawing and Tables



TYPE	A (± 2)	B	C	D	E
BK 160	100	162	148	236	5
BK 200	100	202	178	282	5
BK 250	100	248	234	332	5
BK 300	100	298	284	380	5

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT	PIECES IN BOX
	V	Hz	W	(A)	r.p.m	m^3/h	dB(A)	Ins.cl.	IP	kg	AD
BK 160	230	50/60	25	0,15	1450	450	40	B	44	1,8	8
BK 200	230	50/60	28	0,15	1250	780	42	B	44	2,1	8
BK 250	230	50/60	48	0,33	1450	890	46	B	44	3,1	8
BK 300	230	50/60	50	0,33	1350	1150	50	B	44	2,8	8

The sound level is measured at a distance of 3 m in open field condition.

Accessories

BSC

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