



## 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.

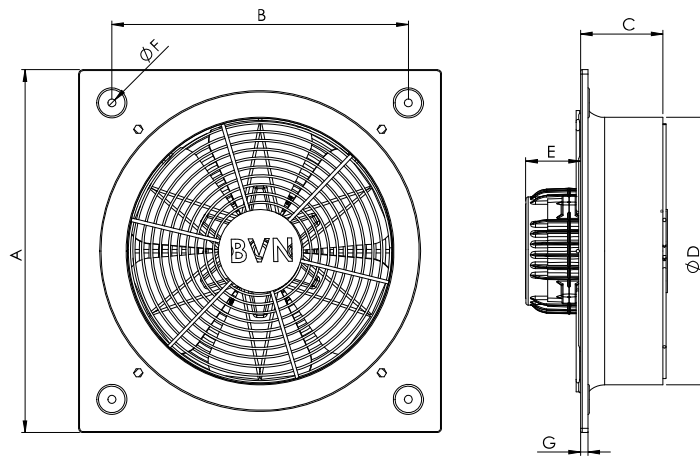
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)

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



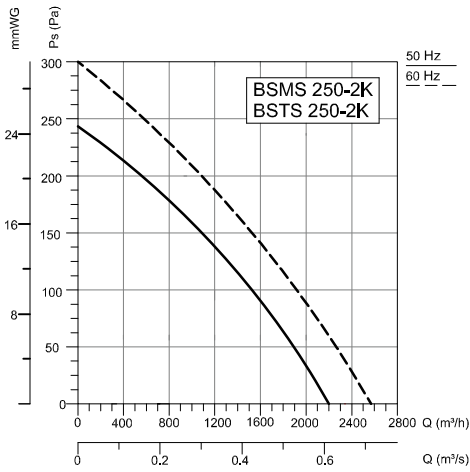
BSC

BSC-F

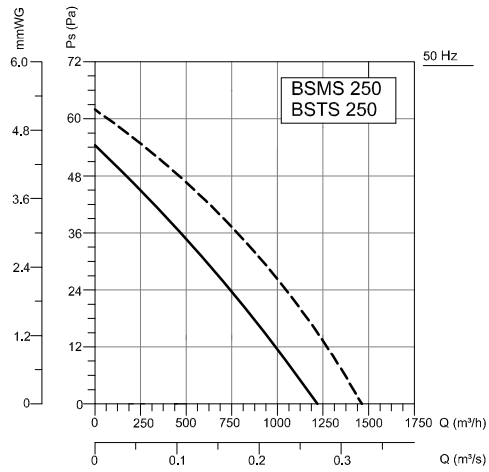
BASP

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m³/h	dB(A)	Ins.cl.	IP	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

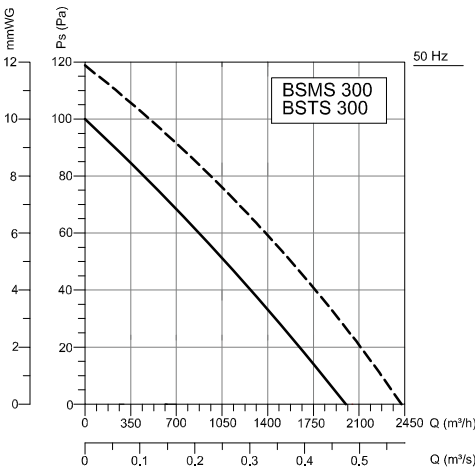
The sound level is measured at a distance of 3 m in open field condition.



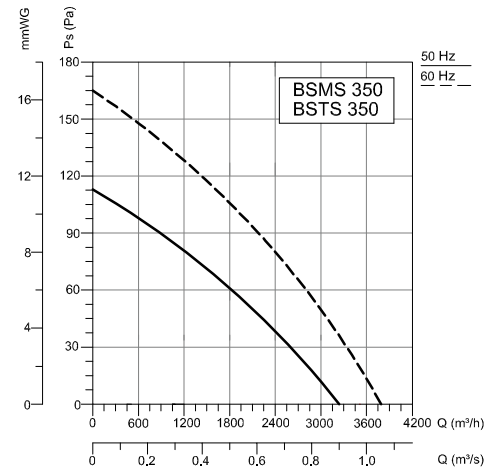
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>wa</sub> Surrounding	82	56	67	76	75	77	75	70	64	dB(A)



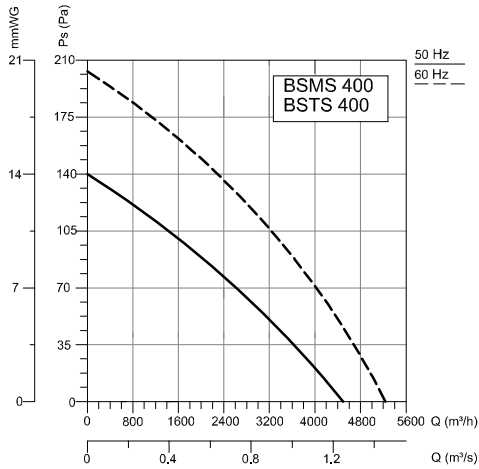
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>wa</sub> Surrounding	66	34	48	55	60	61	60	55	47	dB(A)



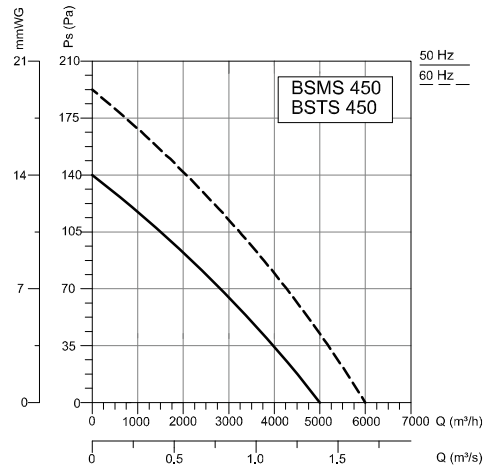
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>wa</sub> Surrounding	69	43	54	60	62	64	61	56	51	dB(A)



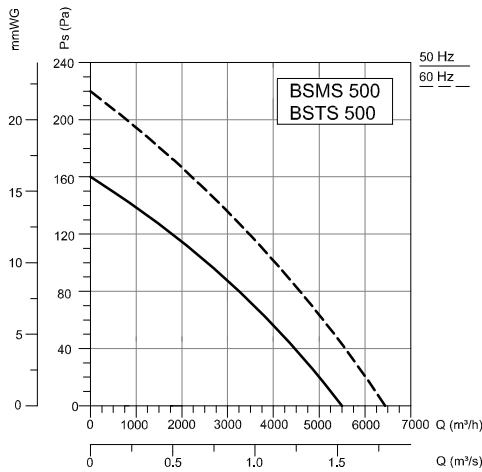
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>wa</sub> Surrounding	74	40	59	58	65	71	65	63	54	dB(A)



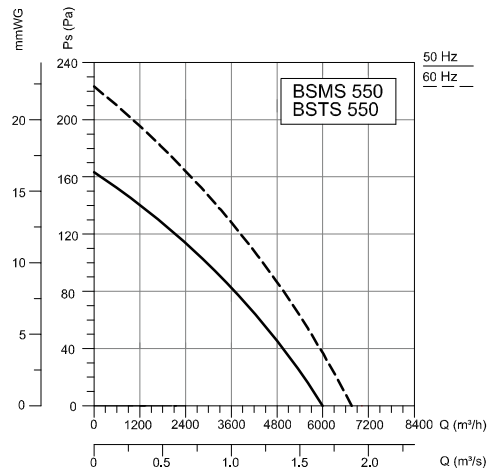
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Surrounding	77	49	62	63	70	73	70	65	56	dB(A)



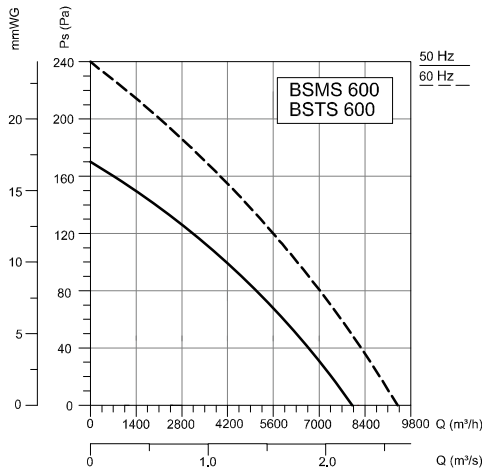
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Surrounding	81	48	67	64	70	77	76	71	63	dB(A)



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)