



## 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.

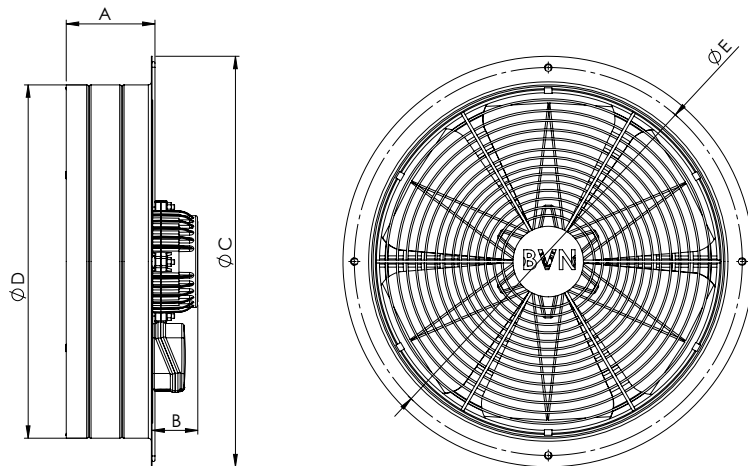
#### Speed Control

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



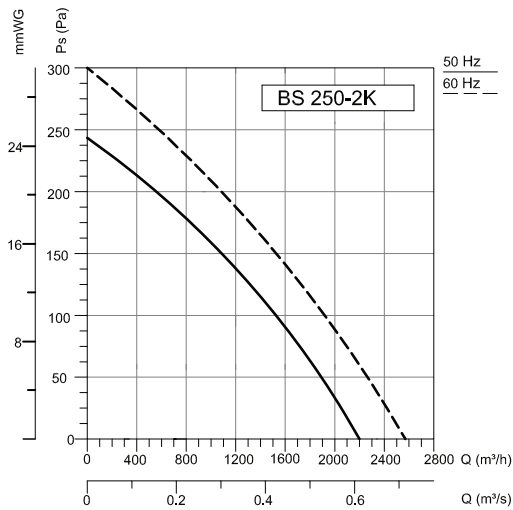
BSC-F



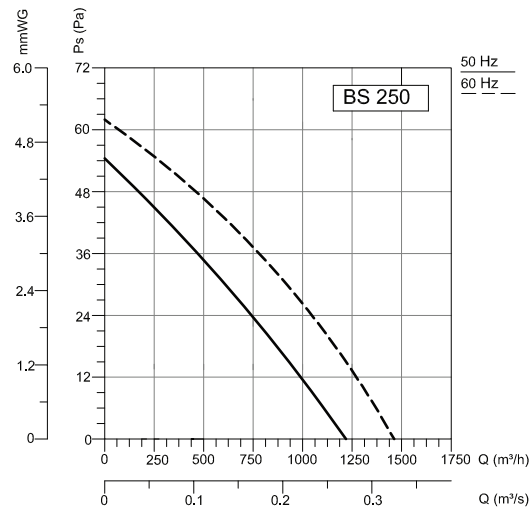
BASP

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	( $\mu$ F)	r.p.m	m <sup>3</sup> /h	dB(A)	Ins.cl.	IP	kg
BSM 250-2K	230	50	150	1	8	2900	2200	61	B	44	7,4
BSM 250	230	50	65	0,4	3	1450	1200	45	B	44	7,4
BSM 300	230	50	90	0,45	3	1450	2000	48	B	44	8
BSM 350	230	50	160	1,05	6	1470	3250	53	B	44	8,2
BSM 400	230	50	185	1,17	6	1450	4500	56	B	44	8,8
BSM 450	230	50	200	1,1	6	1450	5000	60	B	44	10
BSM 500	230	50	230	1,1	8	1450	5500	62	B	44	11
BSM 550	230	50	220	1,07	10	1400	6000	63	B	44	14,6
BSM 600	230	50	235	1,15	10	1400	8000	65	B	44	15,6
BST 250-2K	380	50	150	0,48	-	2900	2200	61	B	44	7,4
BST 250	380	50	100	0,62	-	1450	1200	45	B	44	7,4
BST 300	380	50	130	0,65	-	1450	2000	48	B	44	8
BST 350	380	50	135	0,65	-	1470	3250	53	B	44	8,2
BST 400	380	50	150	0,66	-	1450	4500	56	B	44	8,8
BST 450	380	50	155	0,66	-	1450	5000	60	B	44	10
BST 500	380	50	160	0,67	-	1450	5500	62	B	44	11
BST 550	380	50	165	0,67	-	1400	6000	63	B	44	14,6
BST 600	380	50	170	0,68	-	1400	8000	65	B	44	15,6

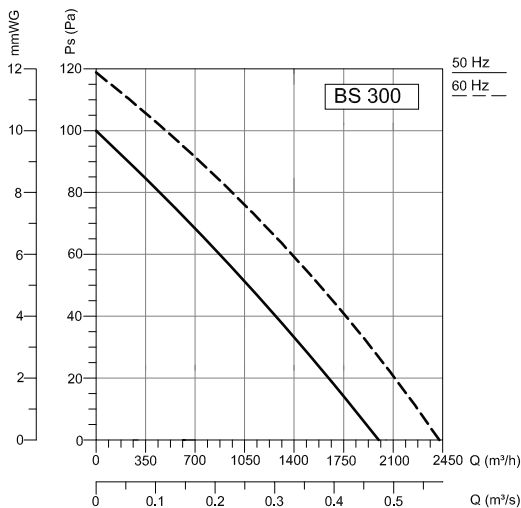
The sound level is measured at a distance of 3 m in open field condition.



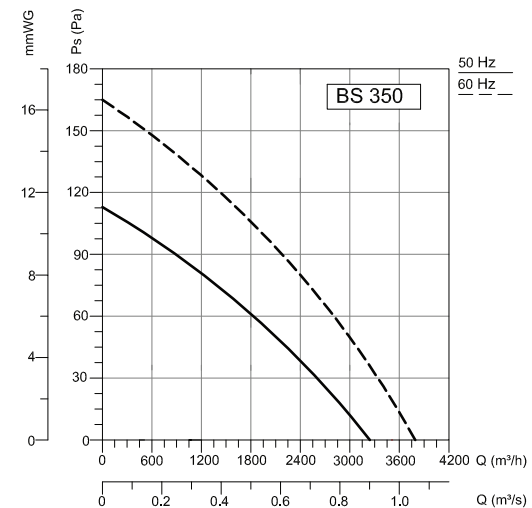
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>WA</sub> Surrounding	82	56	67	76	75	77	75	70	64	dB(A)



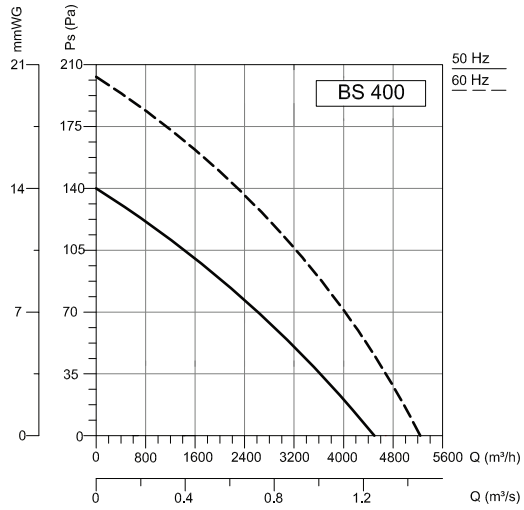
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>WA</sub> Surrounding	66	34	48	55	60	61	60	55	47	dB(A)



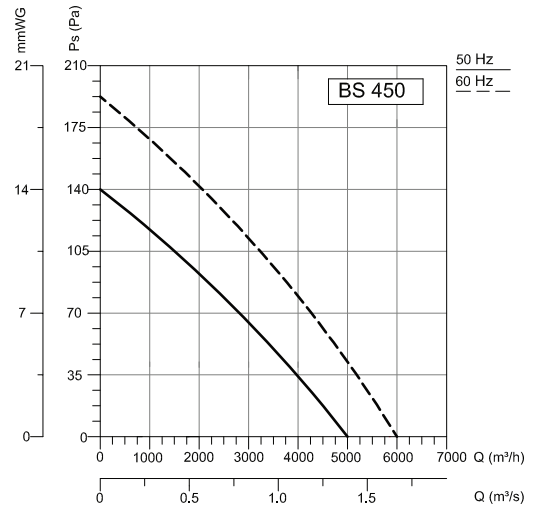
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>WA</sub> Surrounding	69	43	54	60	62	64	61	56	51	dB(A)



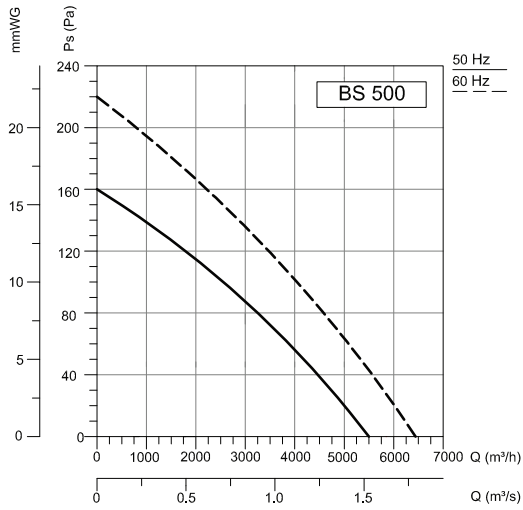
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L <sub>WA</sub> Surrounding	74	40	59	58	65	71	65	63	54	dB(A)



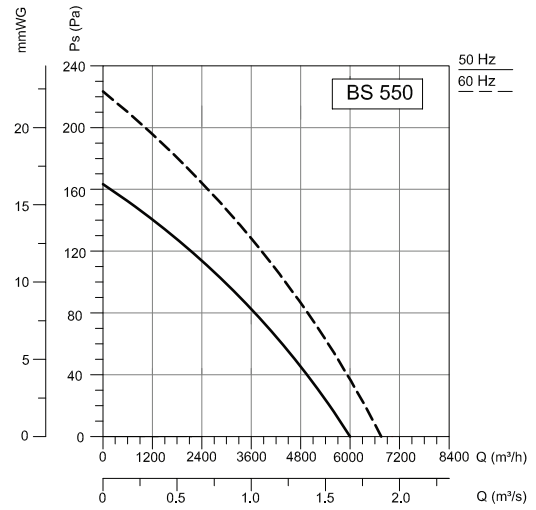
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Surrounding	77	49	62	63	70	73	70	65	56	dB(A)



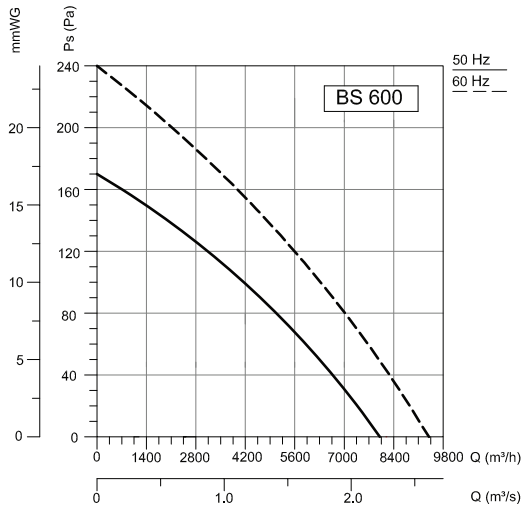
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{wa}$ Surrounding	81	48	67	64	70	77	76	71	63	dB(A)



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)