BVN VENTILATION SYSTEMS & ELECTRICAL MOTORS





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

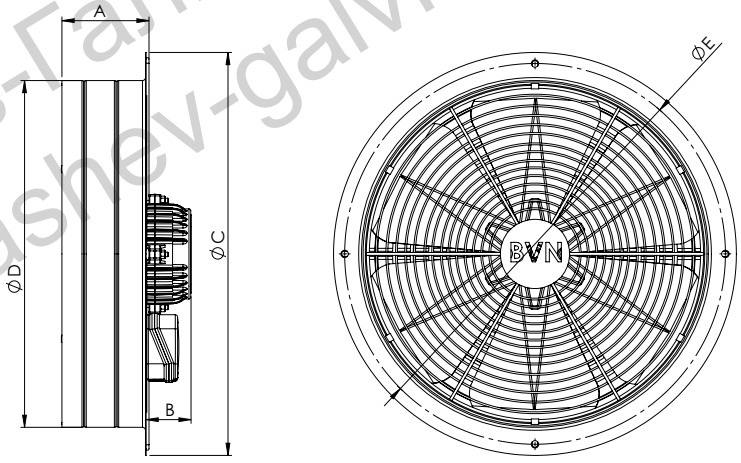
Optional control devices can be provided.
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)
3~phase products can be controlled by frequency inverter (see BSC-F accessory).

Usage Areas

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

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Technical Drawing and Tables



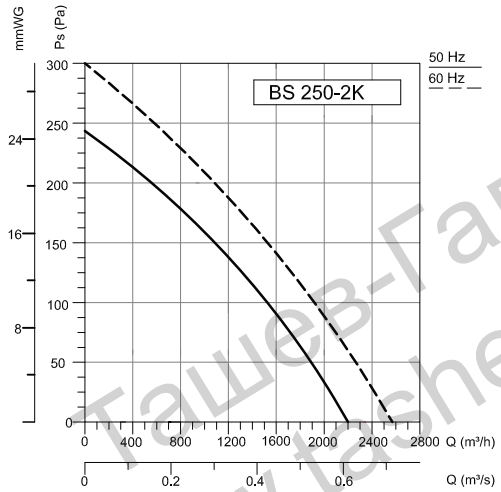
TYPE	A	B	C	D	E
BSM 250 / BST 250	114	61	304	251	277
BSM 300 / BST 300	114	61	390	325	360
BSM 350 / BST 350	114	61	435	374	405
BSM 400 / BST 400	114	61	485	427	455
BSM 450 / BST 450	114	61	546	470	516
BSM 500 / BST 500	125	61	590	518	560
BSM 550 / BST 550	130	160	624	560	595
BSM 600 / BST 600	130	160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

Dimensions are in (mm)

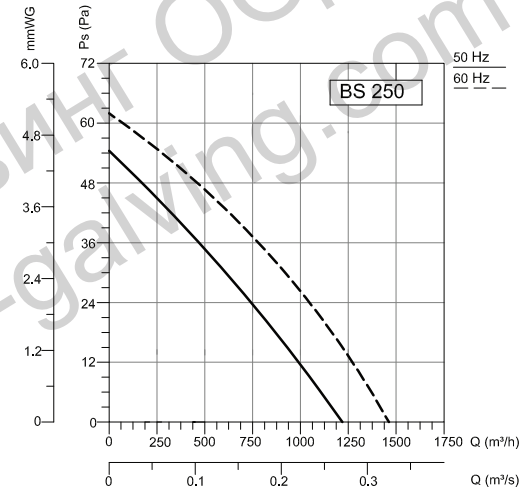
Технически характеристики

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
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

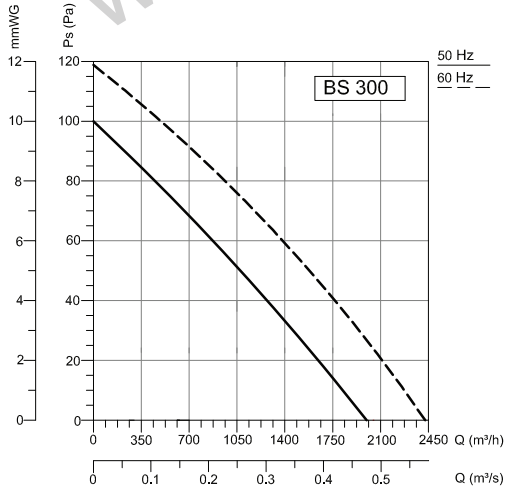
The sound level is measured at a distance of 3 m in open field condition.



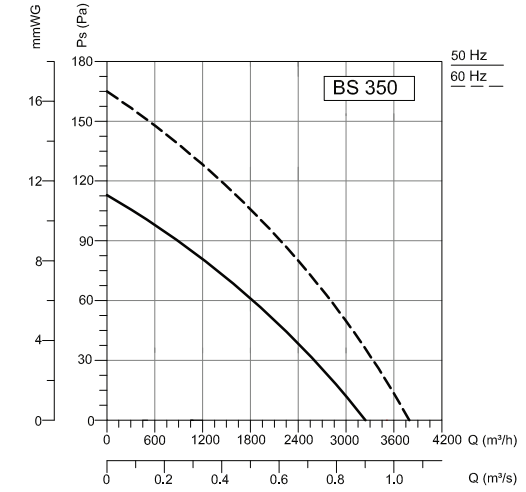
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{wA} Surrounding	82	56	67	76	75	77	75	70	64	dB(A)



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)

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