



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.40°C.

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.

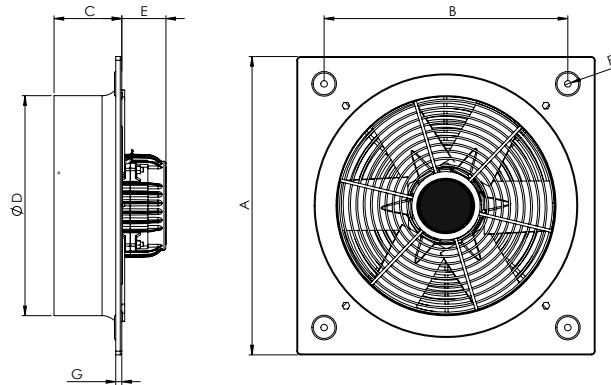
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)

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

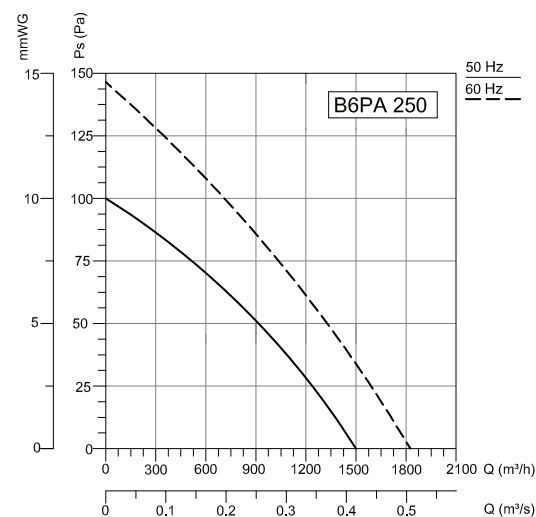


TYPE	A	B	C	D	E	F	G
B6PA 250	333	275	80	261	80	8.25	10
B6PA 300	412	336	80	307	80	8.25	10
B6PA 350	465	390	90	365	80	8.25	10
B6PA 400	500	420	100	403	80	8.25	10
B6PA 450	560	480	105	462	80	8.25	10
B6PA 500	630	561	110	513	90	8.25	10

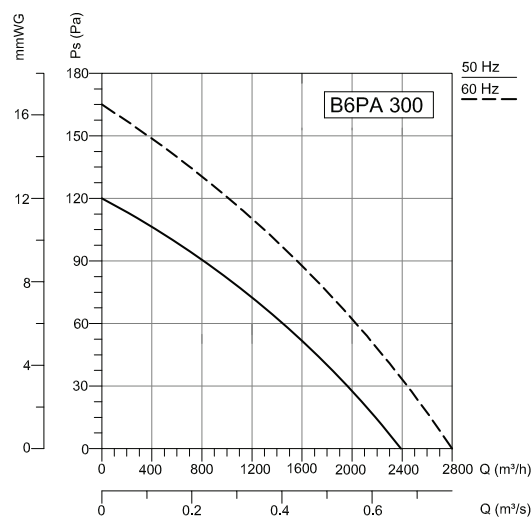
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(μF)	r.p.m	m³/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	0,45/1,48	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

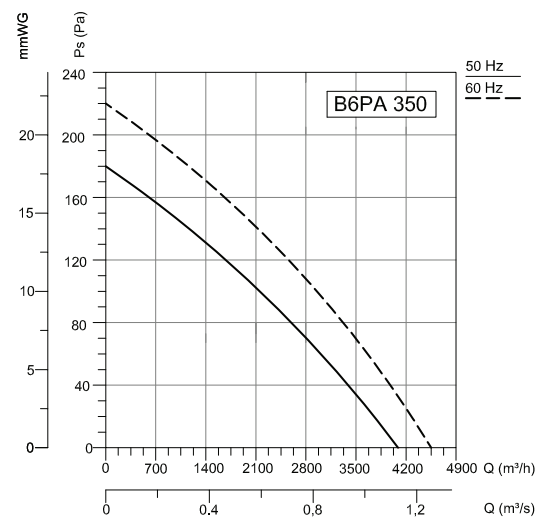
Sound Level Measured from 3m distance in room condition.



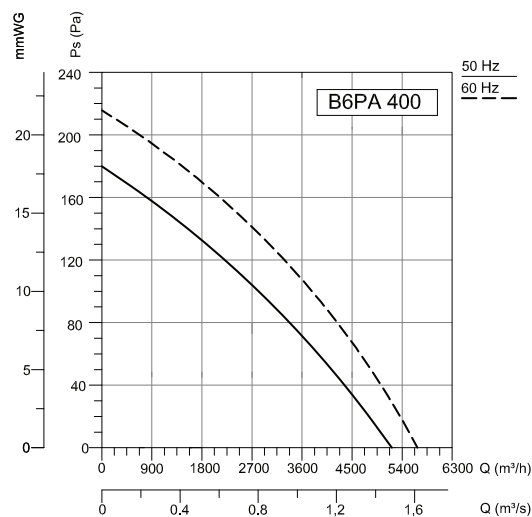
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L _{WA} Inlet	75	43	57	64	69	70	69	64	56	dB(A)



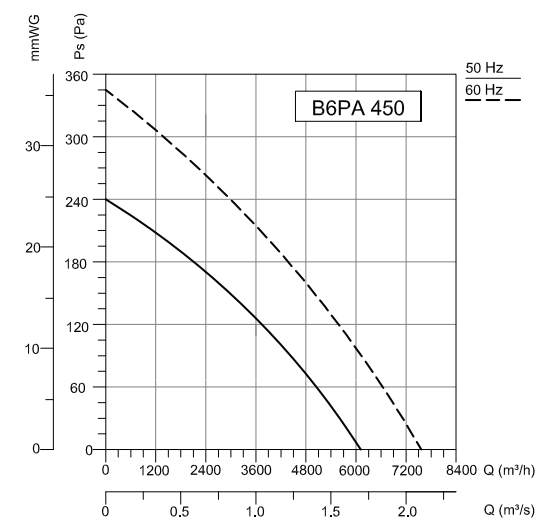
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L _{WA} Inlet	78	51	63	69	71	73	70	65	60	dB(A)



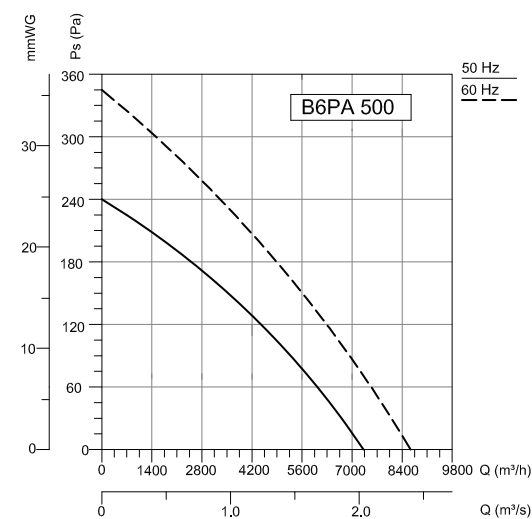
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L _{WA} Inlet	81	47	66	65	72	78	72	70	61	dB(A)



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)