



# 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

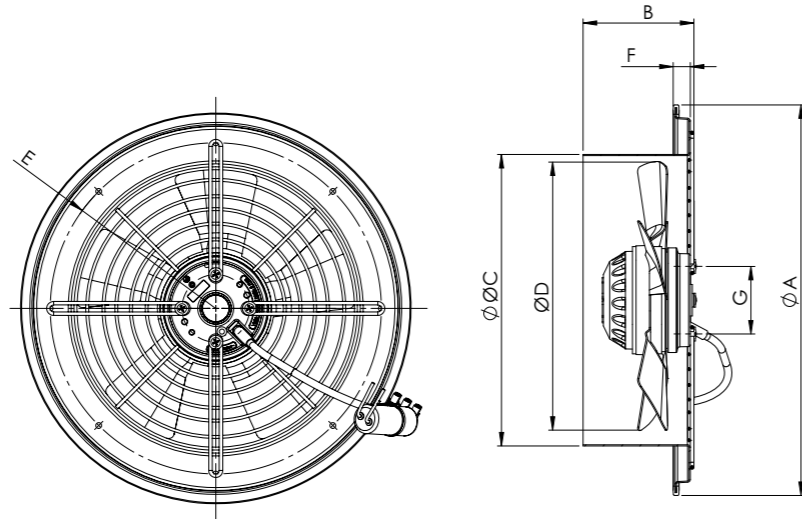
It is used for exhausting indoor air or for the need for fresh air. It is also used for air circulation by machine manufacturers.

### Accessories



BSC

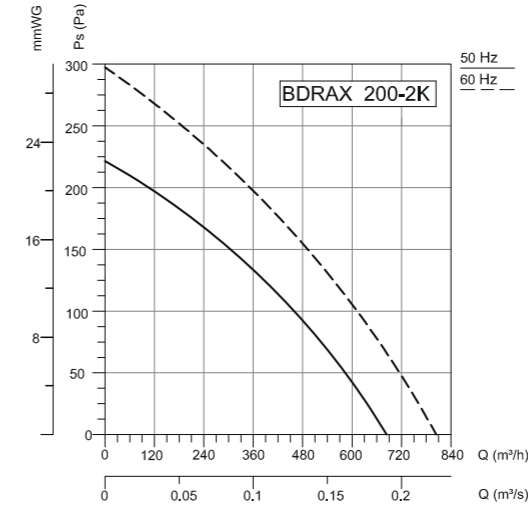
### Technical Drawing and Tables



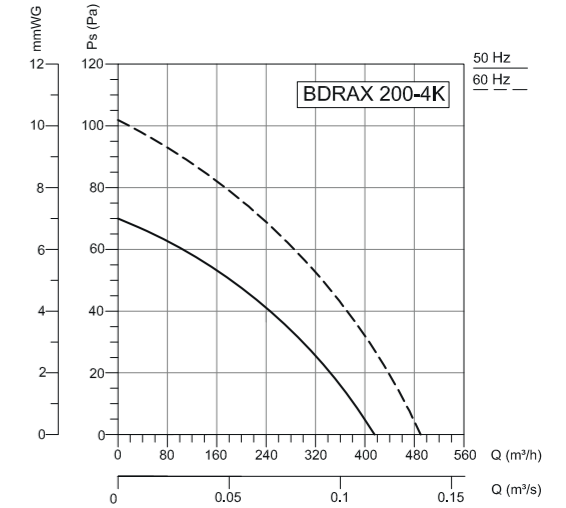
TYPE	A	B	C	D	E	F	G
BDRAX 200-2K	284	95	200	189	229	14	58
BDRAX 200-4K	284	95	200	189	229	14	58
BDRAX 250-2K	335	95	250	238	284	14	58
BDRAX 250-4K	335	95	250	238	284	14	58
BDRAX 300-2K	390	95	300	288	332	14	58
BDRAX 300-4K	390	95	300	288	332	14	58
BDRAX 350-2K	427	100	350	338	398	2	58
BDRAX 350-4K	427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

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
TYPE	V	Hz	W	(A)	(µF)	D/dak	m³/h	dB(A)	iz. Kl.	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

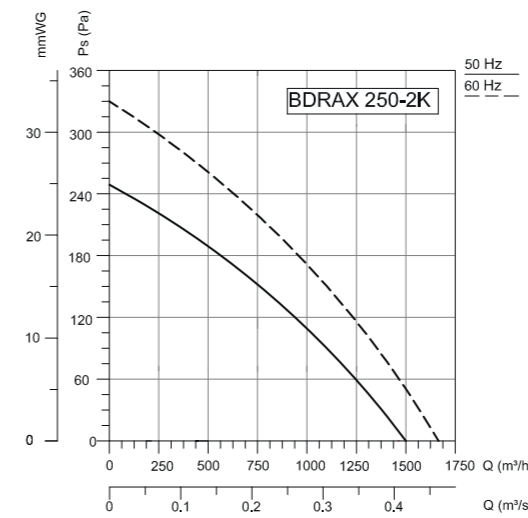
The sound level is measured at a distance of 3 m in open field condition.



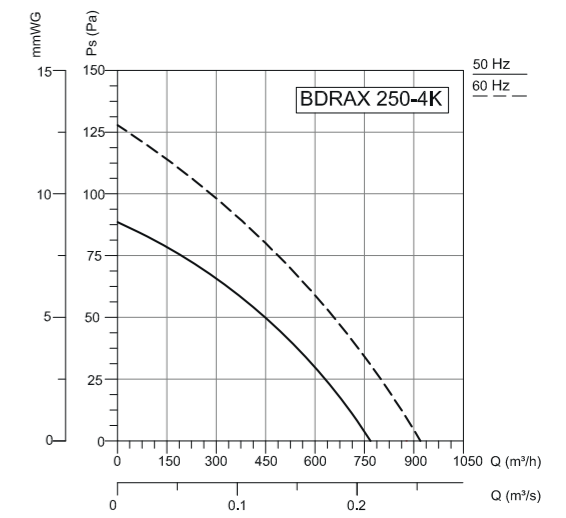
Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
SURROUNDING	71	38	43	64	64	65	64	58	50 dB(A)



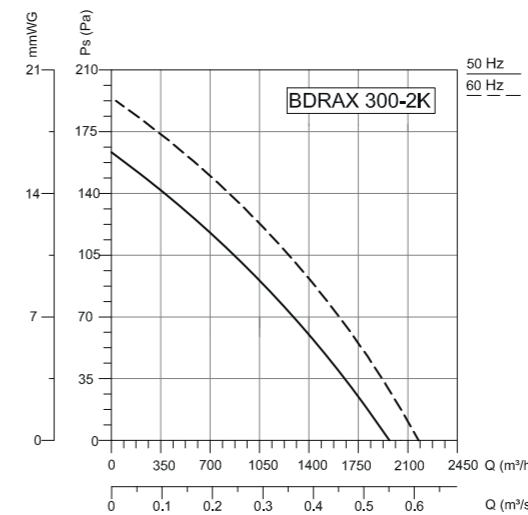
Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
L <sub>wa</sub> Surrounding	61	27	32	54	54	55	54	48	39 dB(A)



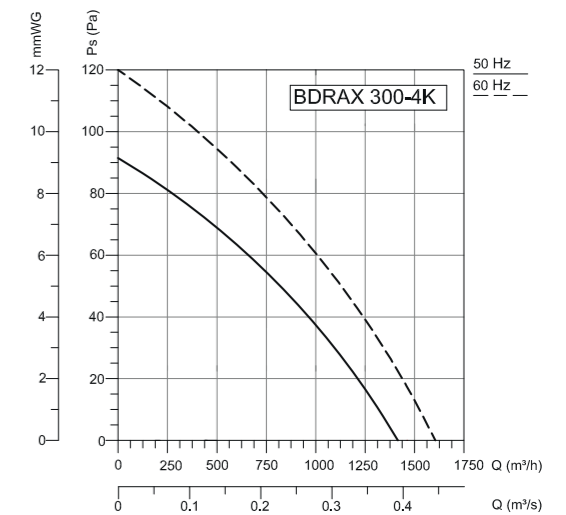
Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
L <sub>wa</sub> Surrounding	76	44	51	66	66	70	71	67	62 dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
L <sub>wa</sub> Surrounding	62	30	37	52	51	56	57	53	48 dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
L <sub>wa</sub> Surrounding	78	46	53	68	68	72	73	69	64 dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000 Hz
L <sub>wa</sub> Surrounding	68	39	51	54	63	63	63	58	48 dB(A)