



# BSKF

## RECTANGULAR DUCT FANS / Forward Curved

### Fan Components and Material Properties

Rectangular body is manufactured from galvanized steel sheet. All models have an external rotor motor with a closed structure and have air transport at max.40°C.

### Fan Structure

The fan blades are produced in an aerodynamic structure to provide forward flow and forward flow. It is designed to work between the rectangular channel.

### Benefits

The swing-out lid allows the product to be maintained effortlessly without removing the fan. Thanks to the aerodynamic wing structure, they work quietly. Speed can be adjusted with speed control devices.

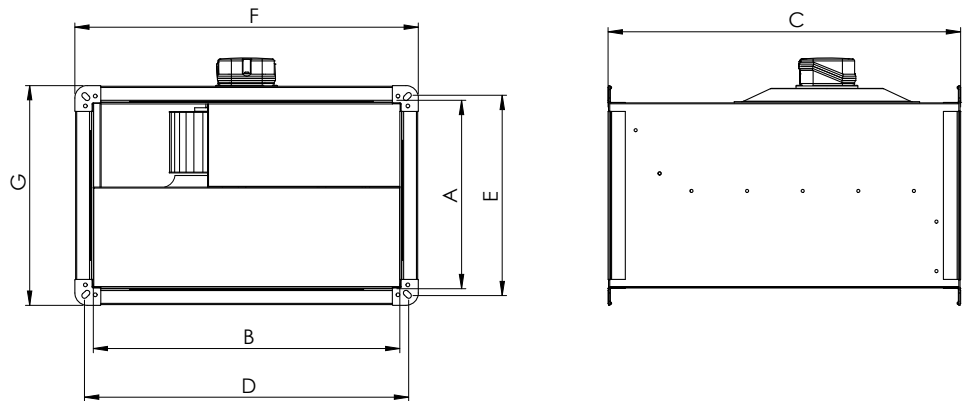
### Speed Control

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

### Usage Areas

It is designed to meet medium and high volume ventilation requirements in rectangular duct systems where the application area is limited. It is recommended to use barber with filter in dirty environments.

### Technical Drawing and Tables

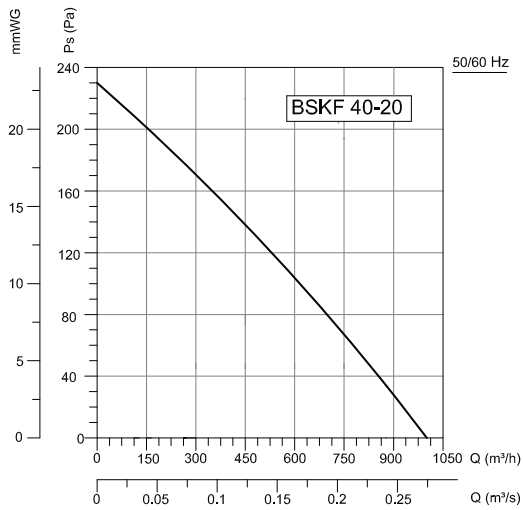


TYPE	A	B	C	D	E	F	G
BSKF 40-20	198	398	502	420	220	440	240
BSKF 50-25	248	498	532	520	270	540	290
BSKF 50-30	298	498	562	520	320	540	340
BSKF 60-30	298	598	642	620	320	640	340
BSKF 60-35	348	600	720	620	370	650	390

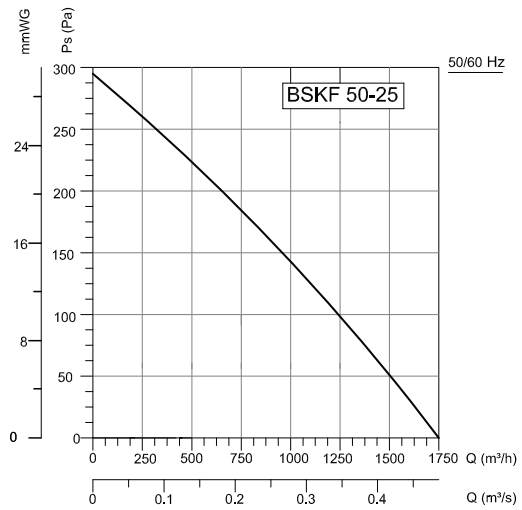
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	W	(A)	(µF)	r.p.m	m <sup>3</sup> /h	dB(A)	Ins.cl.	IP	kg
BSKF 40-20	230	50/60	230/315	1,15/1,41	6	1400/1590	990	53	F	44	14
BSKF 50-25	230	50/60	465/635	2/2,7	10	1300	1750	55	F	44	19
BSKF 50-30	230	50	675	3	10	1300	2100	58	F	44	23
BSKF 60-30	380 Δ/λ	50	1335/720	2,43/1,32	-	1200/850	2950/2090	60	F	44	36
BSKF 60-35	380 Δ/λ	50	1755/880	3,2/1,6	-	1200/800	4250/2830	62	F	44	44

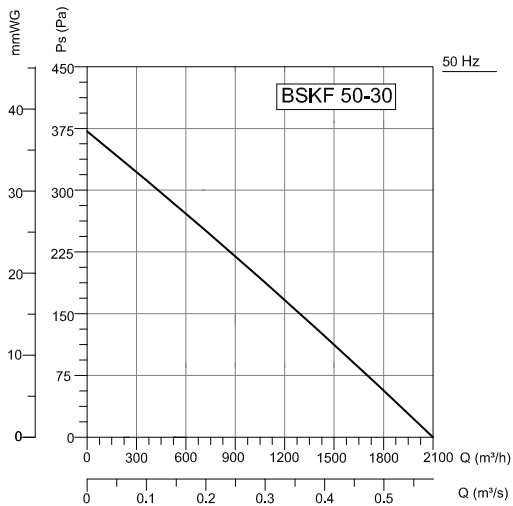
Sound Level Measured from 3m distance in room condition.



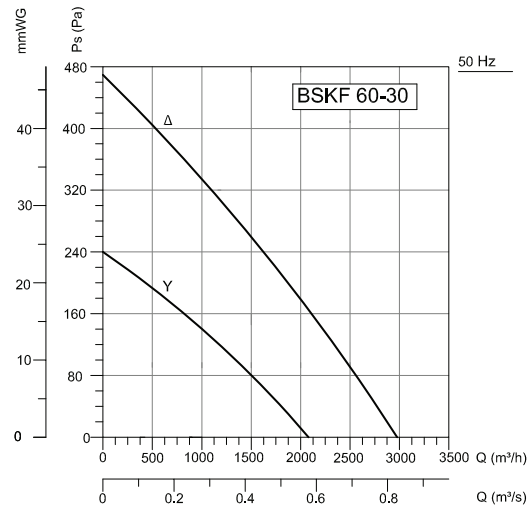
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Inlet	71	58	68	65	60	58	56	54	49	dB(A)
$L_{WA}$ Outlet	73	54	65	67	65	66	62	60	55	dB(A)
$L_{WA}$ Surrounding	60	35	47	57	53	52	45	42	38	dB(A)



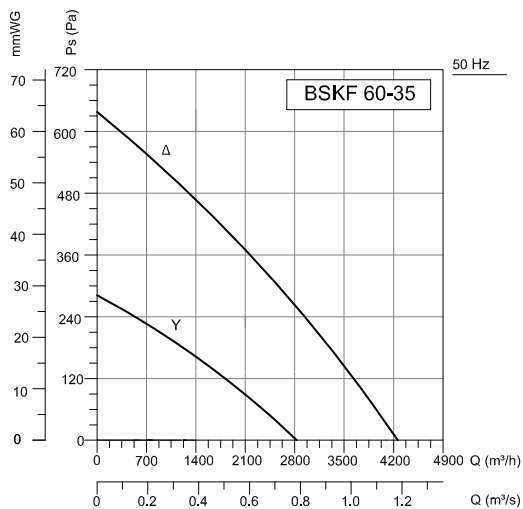
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Inlet	73	61	66	65	64	65	63	62	57	dB(A)
$L_{WA}$ Outlet	76	57	63	65	67	71	70	68	66	dB(A)
$L_{WA}$ Surrounding	62	39	50	53	54	56	52	50	55	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Inlet	76	66	71	65	64	67	67	66	62	dB(A)
$L_{WA}$ Outlet	79	62	68	67	70	74	72	71	66	dB(A)
$L_{WA}$ Surrounding	65	45	55	60	56	59	55	50	49	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Inlet	78	71	71	67	66	71	71	68	63	dB(A)
$L_{WA}$ Outlet	80	59	70	68	73	75	72	73	68	dB(A)
$L_{WA}$ Surrounding	67	39	60	61	60	58	55	53	49	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
$L_{WA}$ Inlet	80	72	75	67	68	73	72	69	65	dB(A)
$L_{WA}$ Outlet	83	65	72	71	75	79	76	74	70	dB(A)
$L_{WA}$ Surrounding	69	53	63	64	60	61	56	53	48	dB(A)

Accessories

