![BVN logo - VENTILATION SYSTEMS & ELECTRICAL MOTORS]

KMS/KTS

SHEET METAL HOUSING / **Forward Curved**

Fan Components and Material Properties
Fan body is made of DKP sheet metal with electrostatic powder coating. The fans operate at high efficiency and low noise level. In centrifugal fans, higher air transfer is possible due to the fact that the motor is out of airflow. Three-phase and single-phase asynchronous motor uses.

Fan Structure
Single suction, forward curved radial fan type. The fan wheel is made of high quality galvanized steel which is resistant to corrosion and is manufactured in aerodynamic structure to ensure 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.

Due to its frequent wing structure and efficient motor, it produces high flow rate and pressure compared to its dimensions. Provides advantages in areas where space is limited. It is not affected by hot and steam air currents. Speed can be adjusted with speed control devices.

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 with frequency inverter speed control can be done. (see BSC-F accessory)
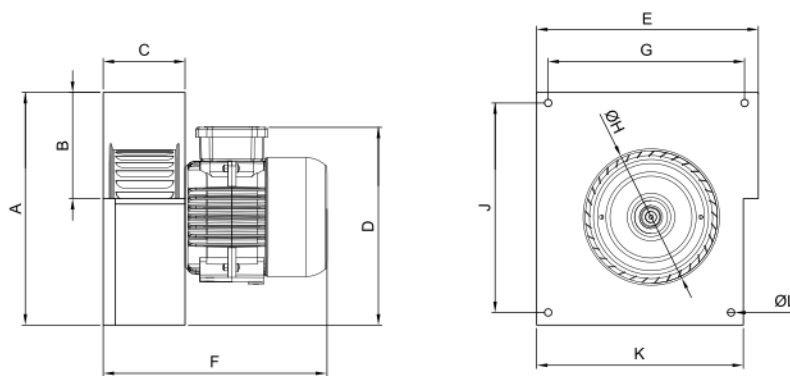
Usage Areas
Machines, steam iron machines, packaging machines and so on. used in places. Apart from the use of space ventilation, it is used by machinery manufacturers for vacuum in machines and equipments.

Accessories

BSC

Technical Drawing and Tables

Dimensions are in (mm)

TYPE	A	B	C	D	E	F	G	H	J	K	L
KMS/KTS	278	114	106	231	248	282	198	178	235	238	8

TYPE	VOLTAGE V	FREQUENCY Hz	POWER W	CURRENT (A)	CAPACITOR (µF)	SPEED r.p.m	AIR FLOW m³/h	SOUND PRESSURE dB(A)	INSULATION CLASS Ins.cl.	PROTECTION CLASS IP	WEIGHT kg
KMS	230	50/60	390/590	1,9/2,6	8	2850/3150	1500/1650	60	B	44	7,5
KTS	380	50	460	1,1	-	2850	1500	60	B	44	7,5

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

KMS-KTS

50 Hz
60 Hz