

YB

INDUSTRIAL RADIAL FANS / Forward Curved



Fan Components and Material Properties

Body and fan are made of electrostatic powder coated sheet metal. Motor and fan are connected to main body by steel base.

All models have asynchronous motor. It is capable of carrying air at a temperature of Max.120°C.

Fan Structure

Single suction, medium pressure radial fan type. The fan blades are aerodynamically curved and provide regular flow.

Benefits

It provides high performance in medium and high static pressures.

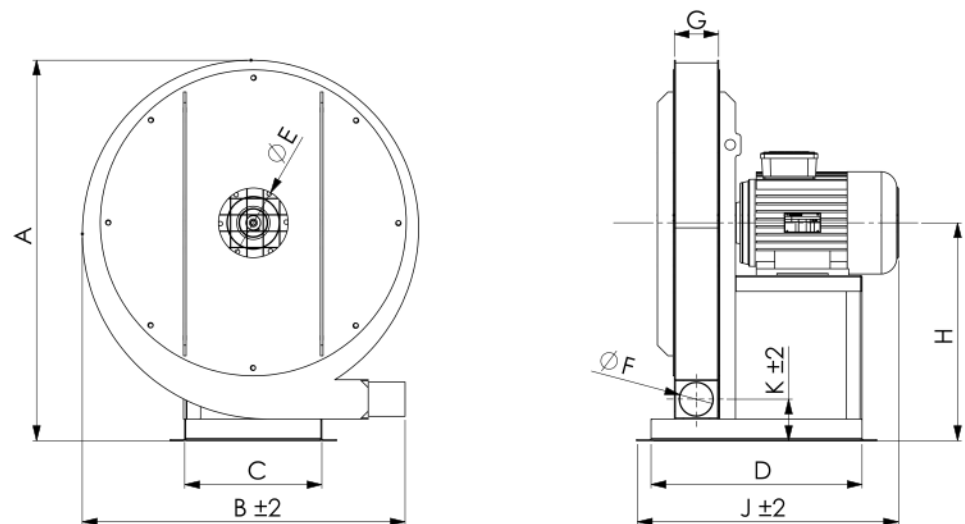
Speed Control

Optional control devices can be provided. Speed control with frequency inverter can be done in 3 ~ phase products (see BSC-F accessory)

Usage Areas

It can be used in dust collection, smoke and exhaust evacuation, fine grained material transport (marble dust, granule, plastic etc.), printing houses, paper, furniture, timber, fiberboard, ceramic and marble factories.

Technical Drawing and Tables



TYPE	A	B	C	D	E	F	G	H	J	K
YB 1	500	440	210	320	120	60	65	285	400	73
YB 2	575	515	210	320	130	60	65	330	390	73
YB 3	620	580	210	320	130	60	65	355	390	73
YB 4	650	555	210	360	130	60	65	375	415	76
YB 5	685	600	210	360	130	65	75	390	430	76
YB 6	725	615	260	400	130	65	85	415	495	79
YB 7	785	685	300	440	150	75	85	460	500	82
YB 8	855	745	300	480	150	85	105	495	560	86
YB 9	870	860	360	500	150	105	125	465	580	96

Dimensions are in (mm)

Accessories



TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS
	V	Hz	kW	(A)	(μF)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP
YB1M	230	50	0,37	2,5	(53-64) 15	2800	350	56	F	55
YB 2M	230	50	0,75	5	(88-106) 30	2760	400	59	F	55
YB 3M	230	50	1,1	7	(130-156) 35	2770	450	60	F	55
YB4M	230	50	1,5	9,8	(233-280) 40	2820	500	62	F	55
YB 5M	230	50	2,2	13,5	(233-280) 50	2800	600	64	F	55
YB 6M	230	50	3	17,7	(233-280) 60	2850	1000	65	F	55
YB 1T	380	50	0,37	1,1	-	2800	2000	56	F	55
YB 2T	380	50	0,75	1,88	-	2770	2300	59	F	55
YB 3T	380	50	1,1	2,46	-	2895	3500	60	F	55
YB 4T	380	50	1,5	3,2	-	2845	3500	62	F	55
YB 5T	380	50	2,2	4,85	-	2840	4200	64	F	55
YB 6T	380	50	3	5,9	-	2850	4500	65	F	55
YB 7T	380	50	4	7,8	-	2920	5000	69	F	55
YB 8T	380	50	5,5	9,9	-	2940	6200	72	F	55
YB 9T	380	50	7,5	13,3	-	2930	6500	74	F	55

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

