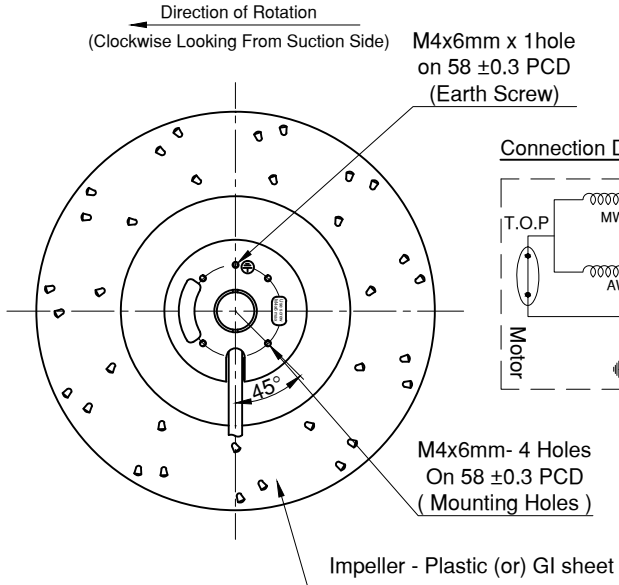
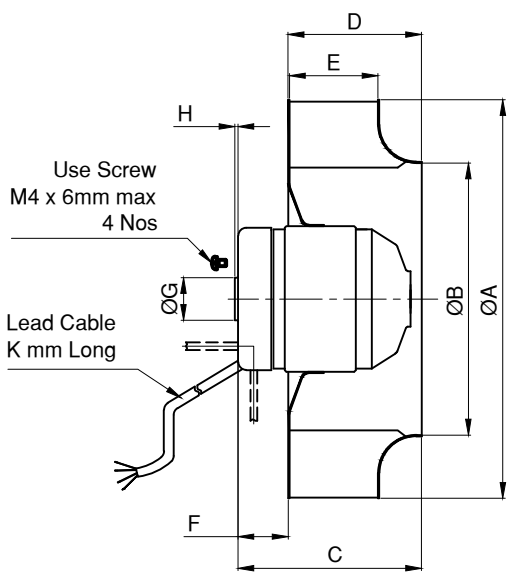


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		DIMENSION	OVER	0.5	3	6	30	120	400	1000	2000	ROUGHNESS SYMBOL	CYL. GRINDING	SUR. GRINDING	MACHINING	ROUGH MACHINING
			UP TO & INCL.	3	6	30	120	400	1000	2000	4000		CG	SG	M	RM
	MACHINE TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	ROUGHNESS VALUES Ra µm	0.8	0.8	3.2	6.3	25	
	FABRICATION TOLERANCE	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4							

ISSUE	DESCRIPTION	DATE	SIG
R1	AC-BC-250-52 model are introduced	03.04.19	SSK
R2	AC-BC-190-45 model are introduced	10.09.20	SSK
R3	AC-BC-250-56 model was removed, Height (C) 112 was 95 for AC-BC-250-52, In AC-BC-225-45 power input 115 was 112 Watts	10.02.21	SSK



Performance Data

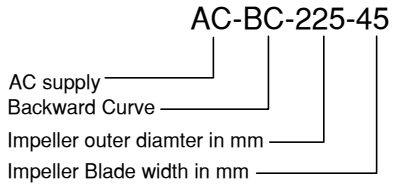
Model	Supply	Full Open Air Output m³/Hr	Shut Off Fan Pressure Pascal	Power Input Watt	Current A	Speed RPM	Capacitor Value µF	Inlet Air Temp °C	Insulation	Weight Kg	Noise level dbA
(R2) AC-BC-190-45	240V, 1Ø, 50 HZ	450	300	100	0.4	2450	3	80	Class F	2.0	72
(R3) AC-BC-225-45	240V, 1Ø, 50 HZ	900	470	115	0.5	2580	4	50	Class F	2.0	72
AC-BC-250-40	240V, 1Ø, 50 HZ	1230	580	135	0.6	2640	4	50	Class F	2.6	74
(R1) AC-BC-250-52	240V, 1Ø, 50 HZ	1400	560	160	0.7	2550	5	60	Class F	2.7	73
AC-BC-280-40	240V, 1Ø, 50 HZ	1660	710	226	0.9	2720	8	40	Class F	3.3	75

Outline Dimensions in mm

Model	A ± 2	B ± 1	C ± 1	D	E	F	G	H	K
(R2) AC-BC-190-45	190	132	70.5	62.5	45	8	27	2	300
AC-BC-225-45	225	165	78	63.5	45	14.5	27	2	360
AC-BC-250-40	250	172	88.5	68.5	40	20	27	2	360
(R3) (R1) AC-BC-250-52	250	172	112	80	52	15	27	2	360
AC-BC-280-40	280	191	116	71.5	40	45	27	2	460

Note: Capacitors are not included in the scope of supply

Backward curved fan description example:



DIM IN () IS FOR REFERENCE ONLY		DEVIATION ON UNTOLERANCED DIMENSION ARE TO BE AS PER IS:2101-MEDIUM CLASS			
ALL DIMENSIONS ARE IN MM		FILE NAME : AC CENTRIFUGAL BACKWARD CURVED FANS.DWG		SCALE - NTS	FIRST ANGLE PROJ
DESIGNED BY	CHECKED BY	APPROVED BY	DATE: 23.03.19	ISSUED DATE	
	SSK	SSK		24.03.19	
Dynamic Motors (India) Pvt. Ltd. CHENNAI - 600 058, INDIA www.dynamicmotorsindia.com research@dynamicmotorsindia.com		AC CENTRIFUGAL BACKWARD CURVED FANS			
DRG NO - BC-101			REVISION	SHEET	
			R3	1 of 1	