

DC BRUSHLESS FAN

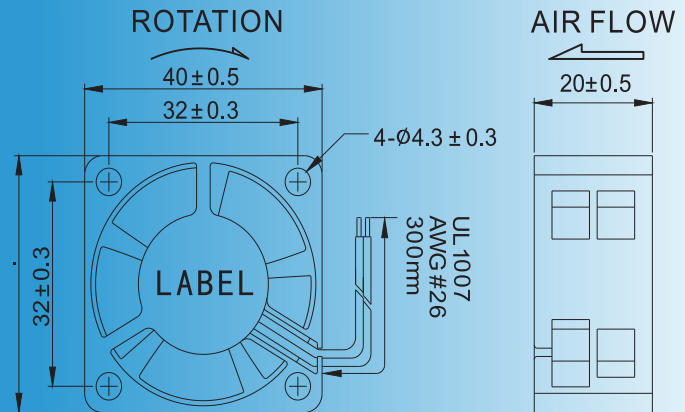
General Specifications

40²⁰mm

Axial Fan
20 mm thick

Frame and Impeller:	Plastic (94V-0),PBT
Bearing Type:	Sleeve bearing&Ball bearing
Function Range:	FG RD PWM IP58 IP68
Leadwire:	Red Wire Positive(+),Black Wire Negative(-)
Operating Voltage:	5V 12V 24V
Temperature Range:	-20°C to +70°C
Motor:	Impedance Protected and Reverse Polarity Protected

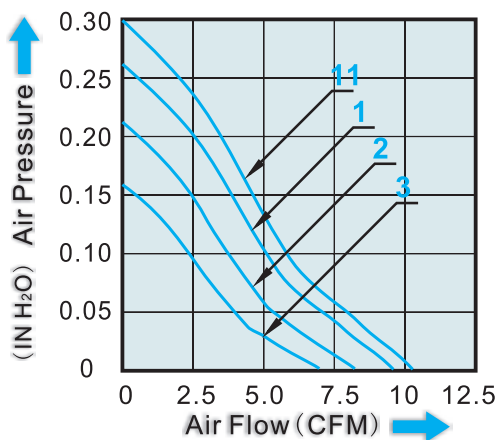
Dimensions(Unit:mm)



Specifications

Model	Bearing	Rated	Operating	Input	Input	Speed	Max	Max	Noise	Weight		
Part No.	Type B.S	Voltage VDC	Voltage VDC	Current Amp	Power Watt	RPM	Air Flow CFM	Static Pressure m ³ /min	Inch-H ₂ O	pa	dB-A	g
DV4020AB(S/Y)H5	B.S.Y	5	3.5-5.5	0.40	2.00	10000	10.79	0.31	0.43	106.40	38.00	24.00
DV4020AB(S/Y)M5	B.S.Y	5	3.5-5.5	0.25	1.25	8000	8.43	0.24	0.27	68.16	35.00	24.00
DV4020AB(S/Y)L5	B.S.Y	5	3.5-5.5	0.18	0.90	6000	6.47	0.18	0.16	39.72	27.00	24.00
DV4020AB(S/Y)D5	B.S.Y	5	3.5-5.5	0.10	0.50	4000	3.93	0.11	0.07	17.46	23.00	24.00
DV4020AB(S/Y)H1	B.S.Y	12	7.0-13.8	0.16	1.92	10000	10.79	0.31	0.43	106.40	38.00	24.00
DV4020AB(S/Y)M1	B.S.Y	12	7.0-13.8	0.13	1.56	8000	8.43	0.24	0.27	68.16	35.00	24.00
DV4020AB(S/Y)L1	B.S.Y	12	7.0-13.8	0.08	0.96	6000	6.47	0.18	0.16	39.72	27.00	24.00
DV4020AB(S/Y)D1	B.S.Y	12	7.0-13.8	0.05	0.60	4000	3.93	0.11	0.07	17.46	23.00	24.00
DV4020AB(S/Y)H2	B.S.Y	24	14.0-27.6	0.12	2.88	10000	10.79	0.31	0.43	106.40	38.00	24.00
DV4020AB(S/Y)M2	B.S.Y	24	14.0-27.6	0.08	1.92	8000	8.43	0.24	0.27	68.16	35.00	24.00
DV4020AB(S/Y)L2	B.S.Y	24	14.0-27.6	0.05	1.20	6000	6.47	0.18	0.16	39.72	27.00	24.00

Fan Performance Curve



Expected Life

- ◆ Ball Bearing 50,000 hours(40°C)
- ◆ Sleeve Bearing 30,000 hours(40°C)

Allowable Ambient Temperature Range

- ◆ -10°C~+70°C (Operating)
- ◆ -40°C~+70°C (Storage)
- ◆ (non-condensing environment)



DEVETECH ELECTRONICS CO. LTD

