

DC FAN
40mm×40mm×20mm

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- Housing: Plastic P.B.T.
- Blade: Plastic P.B.T.
- Insulation Resistance: 10MΩ at 500VDC between lead and frame
- Dielectric Strength: 1 min at 500VAC/50-60HZ ,current <5mA
- Operation Temperature: -15° C ~ 75° C
- Operation Humidity: 20% ~ 85%
- Working voltage: Rated Voltage ± 1 5 %
- Life at 25° C: Ball bearing 60,000hr, sleeve bearing 30,000hr,
Ball + Sleeve Bearing 45,000hr



Specification Table

Model	Bearing Style	Voltage VDC	Current AMP	Input Watts	Speed RPM	Airflow CFM	AirPressure mmH ₂ O	Noise dBA	Weight
FD4020D05MS	S	5	0.18	0.90	5500	6.1	3.5	27.5	27g
FD4020D05LS	S	5	0.11	0.55	4200	4.3	1.6	15.9	
FD4020D05MB	B	5	0.18	0.90	5500	6.1	3.5	27.5	
FD4020D05LB	B	5	0.11	0.55	4200	4.3	1.6	15.9	
FD4020D12MS	S	12	0.09	0.45	5500	6.1	3.5	27.5	
FD4020D12LS	S	12	0.06	0.30	4200	4.3	1.6	15.9	
FD4020D12MB	B	12	0.09	0.45	5500	6.1	3.5	27.5	
FD4020D12LB	B	12	0.06	0.30	4200	4.3	1.6	15.9	
FD4020D24MS	S	24	0.06	0.45	5400	5.9	3.4	26.5	
FD4020D24LS	B	24	0.06	0.30	5500	6.1	3.5	27.5	

S: SLEEVE BEARING B: 1 BALL+ SLEEVE or 2 BALL BEARING

Unit in mm

Rotation →

Air flow →

40±0.3

32±0.3

3.6±0.1

4±1

150±5

20±0.5

Conversion Table of Airflow

CFM	m ³ /sec	m ³ /min	ft ³ /sec
2118	1	60	35.31
35.31	0.01666	1	0.5885
60	0.02832	1.69833	1
1	0.00047	0.02832	0.01666

Conversion Table of Air Pressure

mmH ₂ O	inH ₂ O	Pa=N/m	afm
1	0.03939	9.80665	0.00009
25.4	1	249	0.00246
0.10197	0.0040	1	0.00001
10332	407.1	101325	1

General value here, fans are customized to meet specific customer requirement.