

DC 8025-03



SIZE :

80x80x25mm (3.15"x3.15"x0.98")

CONSTRUCTION :

Glass fiber reinforced plastic:
Impeller and housing PBT are UL 94V-0 rating

OPERATING TEMPERATURE :

Ball bearing - 30°C to + 75°C
Sleeve bearing - 10°C to + 70°C

INSULATION RESISTANCE :

10meg Ohm min. at 500 VDC
(between frame and terminal)

DIELECTRIC STRENGTH :

5mA max. at 500 VAC 60Hz one minute
(between frame and terminal)

FUNCTION :

auto-restart
frequency generator or rotation detection signal option

WEIGHT :

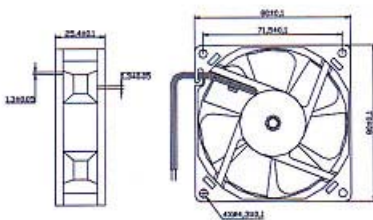
85 grams

Specifications

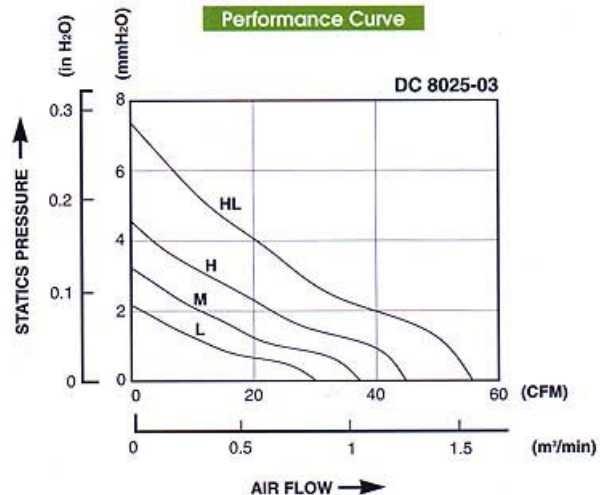
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED	OPERATING	RATED	RATED	SPEED	MAX. AIR		MAX. AIR		NOISE
		VOLTAGE	VOLTAGE	CURRENT	INPUT		FLOW	PRESSURE	IN HzO	dB-A	
		VDC	RANGE	A	POWER	R.P.M.	m ³ /min	CFM	mmHzO	IN HzO	
BP802512L-03	Ball										
SP802512L-03	Sleeve	12	10.2-13.8	0.15	1.8	2100	0.85	30	2.18	0.086	23.7
BS802512L-03	Ball & Sleeve										
BP802512M-03	Ball										
SP802512M-03	Sleeve	12	10.2-13.8	0.2	2.4	2700	1.05	37	3.24	0.127	29.8
BS802512M-03	Ball & Sleeve										
BP802512H-03	Ball										
SP802512H-03	Sleeve	12	10.2-13.8	0.3	3.6	3300	1.25	44	4.54	0.179	35.6
BS802512H-03	Ball & Sleeve										
BP802512HL-03	Ball										
SP802512HL-03	Sleeve	12	10.2-13.8	0.4	4.8	4000	1.57	55.53	7.38	0.29	40.9
BS802512HL-03	Ball & Sleeve										

Dimensions (mm)



Performance Curve



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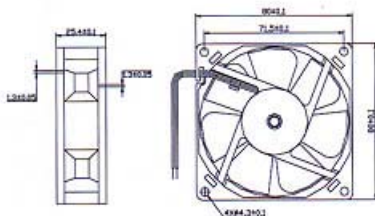
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		VOLTAGE	VOLTAGE	CURRENT	INPUT		FLOW	PRESSURE	NOISE		
		VDC	RANGE	A	POWER	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BP802524L-03	Ball	24	20.4-27.6	0.12	2.88	2100	0.85	30	2.18	0.066	23.7
SP802524L-03	Sleeve										
BS802524L-03	Ball & Sleeve	24	20.4-27.6	0.17	4.80	2700	1.05	37	3.24	0.127	29.8
BP802524M-03	Ball										
SP802524M-03	Sleeve	24	20.4-27.6	0.21	5.04	3300	1.25	44	4.54	0.179	35.6
BS802524M-03	Ball & Sleeve										
BP802524H-03	Ball	24	20.4-27.6	0.25	6.00	4000	1.57	55.53	7.38	0.29	40.9
SP802524H-03	Sleeve										
BS802524H-03	Ball & Sleeve										
BP802524HL-03	Ball										
SP802524HL-03	Sleeve										
BS802524HL-03	Ball & Sleeve										

Dimensions (mm)



Performance Curve

