

# 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 :**

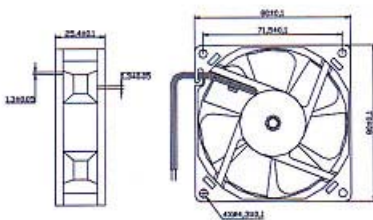
85 grams

## Specifications

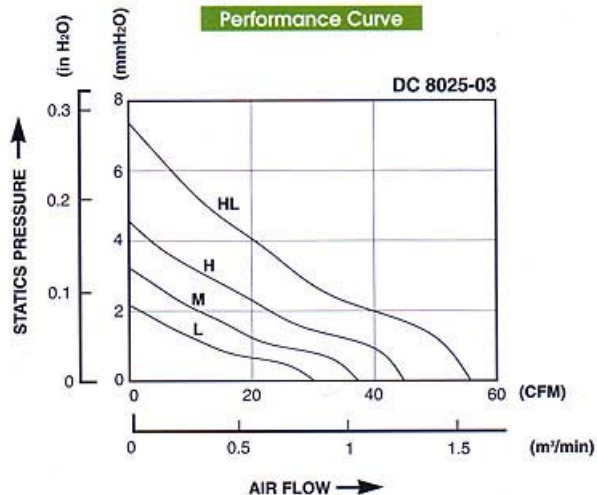
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED	OPERATING	RATED	RATED	SPEED	MAX. AIR		MAX. AIR		NOISE
		VOLTAGE	VOLTAGE	CURRENT	INPUT		FLOW	PRESSURE	IN H <sub>2</sub> O		
		VDC	RANGE	A	POWER	R.P.M.	m <sup>3</sup> /min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	dB-A
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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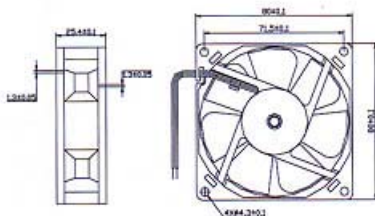
85 grams

## Specifications

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MODEL NO.	BEARING	RATED	OPERATING	RATED	RATED	SPEED	MAX. AIR		MAX. AIR		NOISE
		VOLTAGE	VOLTAGE	CURRENT	INPUT		FLOW	PRESSURE	PRESSURE		
		VDC	RANGE	A	POWER	R.P.M.	m <sup>3</sup> /min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> 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

