

# 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 :**

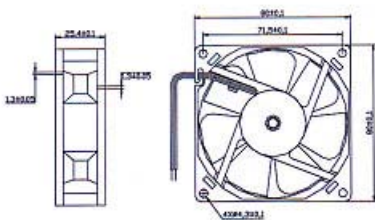
85 grams

## Specifications

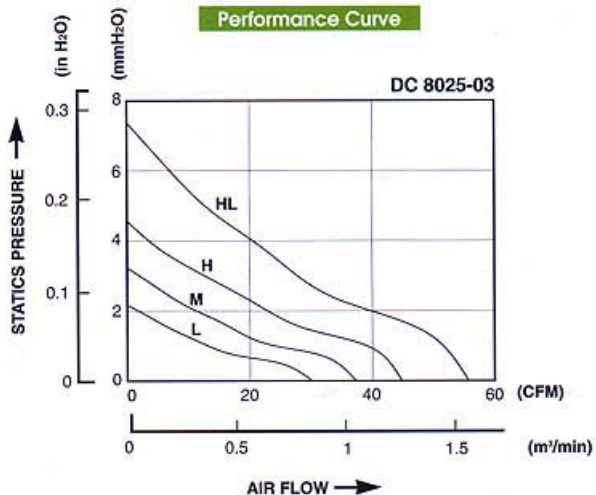
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED VOLTAGE	OPERATING VOLTAGE RANGE	RATED CURRENT	RATED INPUT POWER	SPEED R.P.M.	MAX. AIR FLOW		MAX. AIR PRESSURE		NOISE dB-A
		VDC	V	A	W		m <sup>3</sup> /min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	
BP802512L-03	Ball	12	10.2-13.8	0.15	1.8	2100	0.85	30	2.18	0.086	23.7
SP802512L-03	Sleeve										
BS802512L-03	Ball & Sleeve										
BP802512M-03	Ball	12	10.2-13.8	0.2	2.4	2700	1.05	37	3.24	0.127	29.8
SP802512M-03	Sleeve										
BS802512M-03	Ball & Sleeve										
BP802512H-03	Ball	12	10.2-13.8	0.3	3.6	3300	1.25	44	4.54	0.179	35.6
SP802512H-03	Sleeve										
BS802512H-03	Ball & Sleeve										
BP802512HL-03	Ball	12	10.2-13.8	0.4	4.8	4000	1.57	55.53	7.38	0.29	40.9
SP802512HL-03	Sleeve										
BS802512HL-03	Ball & Sleeve										

## Dimensions (mm)



## Performance Curve



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frequency generator or rotation detection signal option

**WEIGHT :**

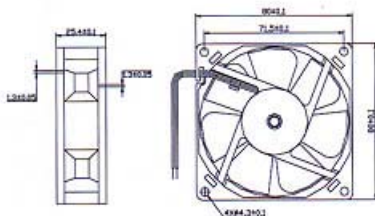
85 grams

## Specifications

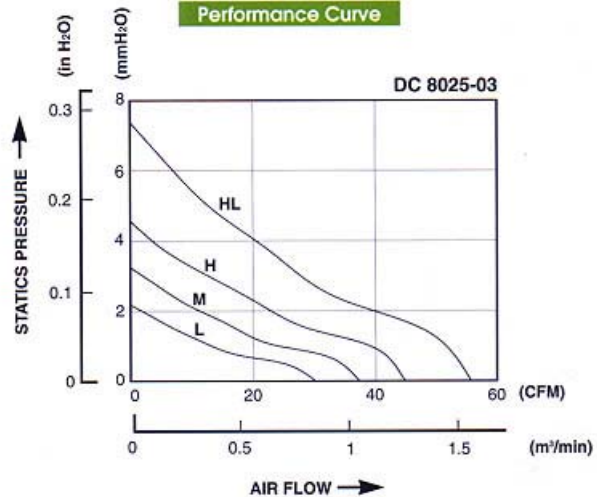
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED VOLTAGE	OPERATING VOLTAGE RANGE	RATED CURRENT	RATED INPUT POWER	SPEED R.P.M.	MAX. AIR FLOW		MAX. AIR PRESSURE		NOISE dB-A
		VDC	V	A	W		m <sup>3</sup> /min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	
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										
BP802524M-03	Ball	24	20.4-27.6	0.17	4.80	2700	1.05	37	3.24	0.127	29.8
SP802524M-03	Sleeve										
BS802524M-03	Ball & Sleeve										
BP802524H-03	Ball	24	20.4-27.6	0.21	5.04	3300	1.25	44	4.54	0.179	35.6
SP802524H-03	Sleeve										
BS802524H-03	Ball & Sleeve										
BP802524HL-03	Ball	24	20.4-27.6	0.25	6.00	4000	1.57	55.53	7.38	0.29	40.9
SP802524HL-03	Sleeve										
BS802524HL-03	Ball & Sleeve										

### Dimensions (mm)



### Performance Curve



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