

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 :

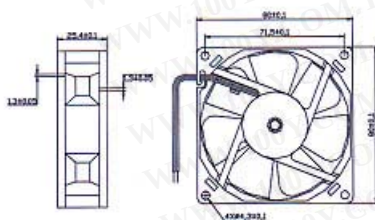
85 grams

Specifications

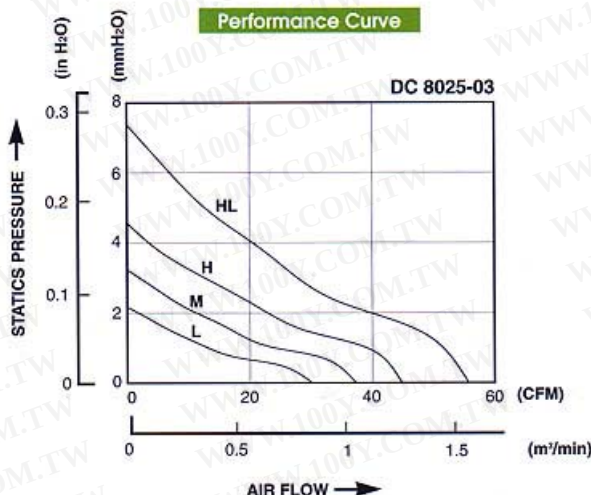
Specifications are subject to change without notice

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		m³/min	CFM	mmH₂O	IN H₂O	
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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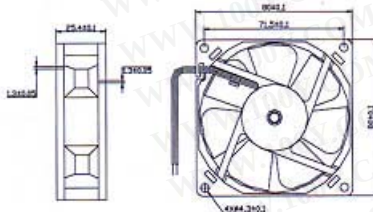


Specifications

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MODEL NO.	BEARING	RATED VOLTAGE VDC	OPERATING VOLTAGE RANGE V	RATED CURRENT A	RATED INPUT POWER W	SPEED R.P.M.	MAX. AIR FLOW m³/min	MAX. AIR FLOW CFM	MAX. AIR PRESSURE mmH₂O	MAX. AIR PRESSURE IN H₂O	NOISE dB-A
BP802524L-03	Ball	24	20.4-27.6	0.12	2.88	2100	0.85	30	2.18	0.086	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

