

DC 6025-03



SIZE :

60x60x25mm (2.36"x2.36"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 :

frequency generator or rotation detection signal option

WEIGHT :

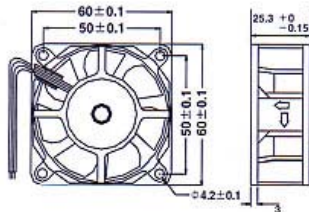
75 grams

Specifications

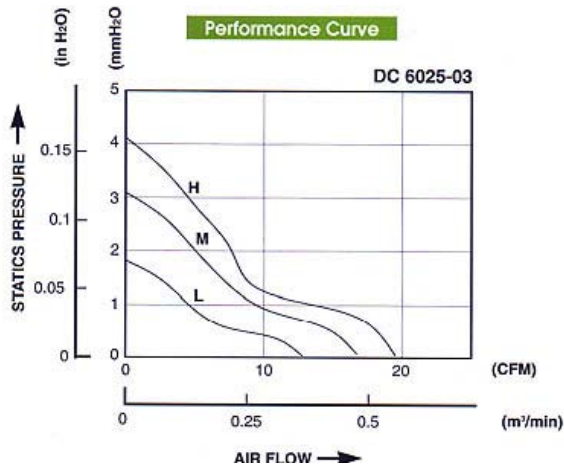
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED	OPERATING	RATED	RATED	SPEED	MAX. AIR		MAX. AIR		NOISE
		VOLTAGE	VOLTAGE	CURRENT	INPUT		FLOW	PRESSURE	IN H ₂ O		
		VDC	RANGE	A	POWER	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BP602512L-03	Ball										
SP602512L-03	Sleeve	12	10.2-13.8	0.09	1.08	2600	0.36	12.8	1.8	0.074	23
BS602512L-03	Ball & Sleeve										
BP602512M-03	Ball										
SP602512M-03	Sleeve	12	10.2-13.8	0.11	1.32	3200	0.47	16.7	3.1	0.122	25
BS602512M-03	Ball & Sleeve										
BP602512H-03	Ball										
SP602512H-03	Sleeve	12	10.2-13.8	0.13	1.56	3800	0.55	19.5	4.12	0.162	29.6
BS602512H-03	Ball & Sleeve										
BP602524L-03	Ball										
SP602524L-03	Sleeve	24	20.4-27.6	0.08	1.92	2600	0.36	12.8	1.8	0.074	23
BS602524L-03	Ball & Sleeve										
BP602524M-03	Ball										
SP602524M-03	Sleeve	24	20.4-27.6	0.10	2.40	3200	0.47	16.7	3.1	0.122	25
BS602524M-03	Ball & Sleeve										
BP602524H-03	Ball										
SP602524H-03	Sleeve	24	20.4-27.6	0.12	2.88	3800	0.55	19.5	4.12	0.162	29.6
BS602524H-03	Ball & Sleeve										

Dimensions (mm)



Performance Curve



DC 6025-03 (Super)



SIZE :

60x60x25mm (2.36"x2.36"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 :

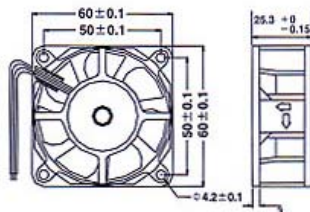
75 grams

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 ₂ O	dB-A	
		VDC	RANGE	A	W	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	
BP602512HL-03	Ball	12	10.2-13.8	0.23	2.76	5000	0.78	27.4	7.25	0.29	37.8
SP602512HL-03	Sleeve										
BS602512HL-03	Ball & Sleeve										
BP602512HM-03	Ball	12	10.2-13.8	0.34	4.08	6000	0.94	33.2	10.3	0.40	42.4
SP602512HM-03	Sleeve										
BS602512HM-03	Ball & Sleeve										
BP602512HH-03	Ball	12	10.2-13.8	0.39	4.68	7000	1.09	38.4	13.4	0.527	46.7
SP602512HH-03	Sleeve										
BS602512HH-03	Ball & Sleeve										
BP602524HL-03	Ball	24	20.4-27.6	0.13	3.12	5000	0.78	27.4	7.25	0.29	37.8
SP602524HL-03	Sleeve										
BS602524HL-03	Ball & Sleeve										
BP602524HM-03	Ball	24	20.4-27.6	0.18	4.32	6000	0.94	33.2	10.3	0.40	42.4
SP602524HM-03	Sleeve										
BS602524HM-03	Ball & Sleeve										
BP602524HH-03	Ball	24	20.4-27.6	0.22	5.28	7000	1.09	38.4	13.4	0.527	46.7
SP602524HH-03	Sleeve										
BS602524HH-03	Ball & Sleeve										

Dimensions (mm)



Performance Curve

