



SIZE :

40x40x10mm (1.57"x1.57"x0.39")

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 signal option

WEIGHT :

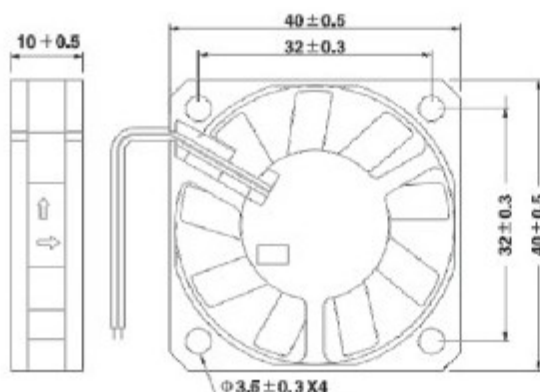
18 grams

Specifications

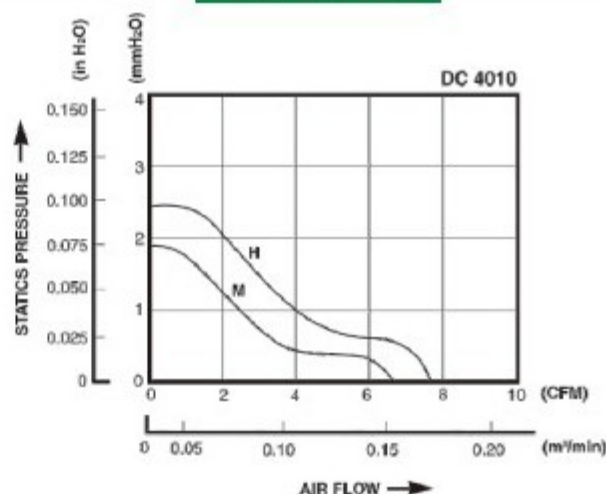
Specifications are subject to change without notice

MODEL NO.	BEARING	RATED VOLTAGE VDC	OPERATING VOLTAGE RANGE V	RATED CURRENT A	RATED INPUT POWER W	SPEED R.P.M.	MAX. AIR FLOW		MAX. AIR PRESSURE		NOISE
							m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BP401005M	Ball	5	4.5-5.7	0.18	0.90	5000	0.2	5.2	2.0	0.1	24.5
SP401005M	Sleeve										
BP401005H	Ball	5	4.5-5.7	0.23	1.15	6500	0.2	7.0	3.4	0.1	29.0
SP401005H	Sleeve										
BP401012M	Ball	12	10.2-13.8	0.09	1.08	5000	0.2	5.2	2.0	0.1	24.5
SP401012M	Sleeve										
BP401012H	Ball	12	10.2-13.8	0.13	1.56	6500	0.2	7.0	3.4	0.1	29.0
SP401012H	Sleeve										
BP401024H	Ball	24	20.4-27.6	0.11	2.64	6500	0.2	7.0	3.4	0.1	29.0
SP401024H	Sleeve										

Dimensions (mm)



Performance Curve



Mouser Electronics

Authorized Distributor

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Bi-Sonic:

[BP401012H](#) [SP401012H W-G](#) [SP401012M-W](#)