

DC 12038-03



SIZE :

120x120x38mm (4.72"x4.72"x1.50")

CONSTRUCTION :

- Die-cast aluminum housing
- Glass fiber reinforced plastic: Impeller 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
relay control option

WEIGHT :

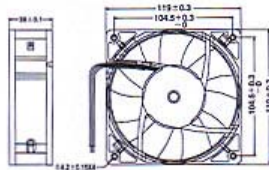
420 grams

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	
BP1203812M-03	Ball	12	10.2-13.8	1.00	12.00	2400	3.43	121.00	5.60	0.22	46
SP1203812M-03	Sleeve										
BP1203824M-03	Ball	24	20.4-27.6	0.60	14.40	2400	3.43	121.00	5.60	0.22	46
SP1203824M-03	Sleeve										
BP1203848M-03	Ball	48	40.8-55.2	0.18	8.64	2400	3.43	121.00	5.60	0.22	46
SP1203848M-03	Sleeve										
BP1203812H-03	Ball	12	10.2-13.8	1.10	13.20	2900	4.11	145.00	7.30	0.29	48
SP1203812H-03	Sleeve										
BP1203824H-03	Ball	24	20.4-27.6	0.80	19.20	2900	4.11	145.00	7.30	0.29	48
SP1203824H-03	Sleeve										
BP1203848H-03	Ball	48	40.8-55.2	0.40	19.20	2900	4.11	145.00	7.30	0.29	48
SP1203848H-03	Sleeve										
BP1203812HH-03	Ball	12	10.2-13.8	1.80	21.60	3400	4.76	168.00	10.81	0.43	50
SP1203812HH-03	Sleeve										
BP1203824HH-03	Ball	24	20.4-27.6	1.10	26.40	3400	4.76	168.00	10.81	0.43	50
SP1203824HH-03	Sleeve										
BP1203848HH-03	Ball	48	40.8-55.2	0.50	24.00	3400	4.76	168.00	10.81	0.43	50
SP1203848HH-03	Sleeve										

Dimensions (mm)



Performance Curve

