



# 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 :**

- auto-restart option
- frequency generator or rotation detection signal option
- relay control option

**WEIGHT :**

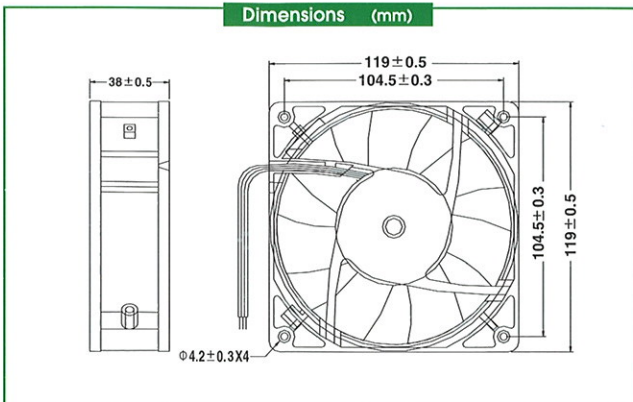
420 grams

## 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			
		VDC	RANGE	A	POWER	R.P.M.	m <sup>3</sup> min	CFM	mmH <sub>2</sub> O	IN H <sub>2</sub> O	dB-A
BP1203812M-03	Ball	12	10.2-13.8	1.00	12.00	2400	3.2	114.1	5.3	0.2	45.9
SP1203812M-03	Sleeve										
BP1203812H-03	Ball	12	10.2-13.8	1.10	13.20	2900	4.0	139.8	7.8	0.3	50.5
SP1203812H-03	Sleeve										
BP1203812HH-03	Ball	12	10.2-13.8	1.80	21.60	3400	4.6	162.1	10.2	0.4	53.0
SP1203812HH-03	Sleeve										
BP1203824M-03	Ball	24	20.4-27.6	0.60	14.40	2400	3.2	114.2	5.3	0.2	45.9
SP1203824M-03	Sleeve										
BP1203824H-03	Ball	24	20.4-27.6	0.80	19.20	2900	4.0	139.8	7.8	0.3	50.5
SP1203824H-03	Sleeve										
BP1203824HH-03	Ball	24	20.4-27.6	1.10	26.40	3400	4.6	162.1	10.2	0.4	53.0
SP1203824HH-03	Sleeve										
BP1203848M-03	Ball	48	40.8-55.2	0.18	8.64	2400	3.2	114.2	5.3	0.2	45.9
SP1203848M-03	Sleeve										
BP1203848H-03	Ball	48	40.8-55.2	0.40	19.20	2900	4.0	139.8	7.8	0.3	50.5
SP1203848H-03	Sleeve										
BP1203848HH-03	Ball	48	40.8-55.2	0.50	24.00	3400	4.6	162.1	10.2	0.4	53.0
SP1203848HH-03	Sleeve										

**Dimensions (mm)**



**Performance Curve**

