

## AV-F12032



**SIZE:**

120x120x32mm

**construction:**

Glass Fiber reinforced plastic;  
Impeller and housing PBT

**OPERATING TEMPERATURE:**

Sleeve bearing -10°C to +70°C

**INSULATION RESISTANCE:**

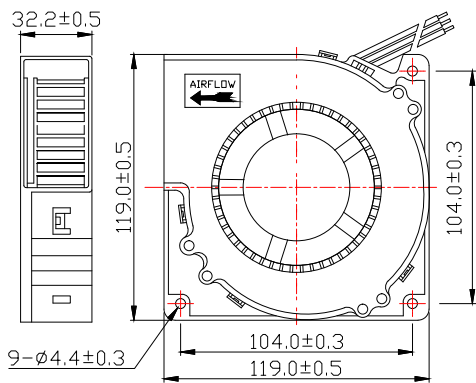
10meg Ohm min, at 500 VDC  
(between frame and terminal)

**DIELECTRIC STRENGTH:**

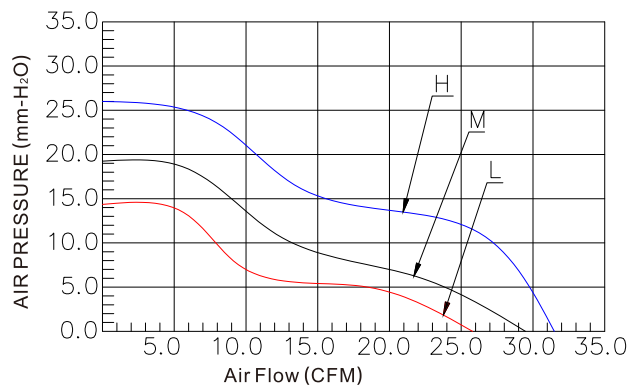
5mA max, at 500 VAC 60Hz one minute  
(between frame and terminal)

### Dimensions Drawing

Unit:mm



### Characteristic Curves



### Specifications

| Model         | Bearing Type | Rated Voltage | Operation Voltage | Current | Speed | Air Flow | Static Pressure | Noise Level | Weight |
|---------------|--------------|---------------|-------------------|---------|-------|----------|-----------------|-------------|--------|
|               |              | VDC           | VDC               |         |       |          |                 |             |        |
| AV-F12032HS   | Sleeve       | 12            | 10.8~13.2         | 0.60    | 2100  | 31.83    | 25.10           | 45.80       | 240    |
| AV-F12032MS   | Sleeve       | 12            | 10.8~13.2         | 0.50    | 1800  | 28.89    | 18.55           | 43.70       | 240    |
| AV-F12032LS   | Sleeve       | 12            | 10.8~13.2         | 0.32    | 1600  | 25.87    | 14.10           | 40.90       | 240    |
| AV-F12032HB   | Ball         | 12            | 10.8~13.2         | 0.60    | 2100  | 31.83    | 25.10           | 45.80       | 240    |
| AV-F12032MB   | Ball         | 12            | 10.8~13.2         | 0.50    | 1800  | 28.89    | 18.55           | 43.70       | 240    |
| AV-F12032LB   | Ball         | 12            | 10.8~13.2         | 0.32    | 1600  | 25.87    | 14.10           | 40.90       | 240    |
| AV-F12032HS24 | Sleeve       | 24            | 21.6~26.4         | 0.40    | 2100  | 31.83    | 25.10           | 45.80       | 240    |
| AV-F12032MS24 | Sleeve       | 24            | 21.6~26.4         | 0.30    | 1800  | 28.89    | 18.55           | 43.70       | 240    |
| AV-F12032LS24 | Sleeve       | 24            | 21.6~26.4         | 0.20    | 1600  | 25.87    | 14.10           | 40.90       | 240    |
| AV-F12032HB24 | Ball         | 24            | 21.6~26.4         | 0.40    | 2100  | 31.83    | 25.10           | 45.80       | 240    |
| AV-F12032MB24 | Ball         | 24            | 21.6~26.4         | 0.30    | 1800  | 28.89    | 18.55           | 43.70       | 240    |
| AV-F12032LB24 | Ball         | 24            | 21.6~26.4         | 0.20    | 1600  | 25.87    | 14.10           | 40.90       | 240    |