

# MFD4020



Size : 40 x 40 x 20mm  
 Bearing system: BALL, Sleeve  
 Frame: plastic PBT UL94V-0  
 Impeller: plastic PBT UL94V-0  
 Operating Temp :  
 BALL: -10 ~ 70°C  
 Sleeve: -10 ~ 70°C  
 Life Expectancy  
 Ball : 50,000 hours at 25°C  
 Sleeve: 25,000 hours at 25°C  
 Weight: 25 g

### Bearing system

| BALL | SLEEVE |
|------|--------|
| ●    | ●      |

### Available Functions

| FG | PWM | RD | LD |
|----|-----|----|----|
| ●  | ●   | ●  | ●  |

| MODEL         | Rated Voltage | Operating Voltage Range | Rated Current | Rated Input Power | Speed | Maximum Air Flow | Maximum Air Pressure | Noise |
|---------------|---------------|-------------------------|---------------|-------------------|-------|------------------|----------------------|-------|
| PART NO.      | VDC           | VDC                     | Amp           | Watt              | R.P.M | CFM              | mm H <sub>2</sub> O  | DB-A  |
| MFD4020D05-L  | 5             | 1.8 ~ 6                 | 0.15          | 0.72              | 5000  | 5.19             | 2.62                 | 20.9  |
| MFD4020D05-LM |               |                         | 0.17          | 0.84              | 6000  | 6.41             | 3.87                 | 26.7  |
| MFD4020D05-M  |               |                         | 0.19          | 0.96              | 6500  | 6.87             | 4.6                  | 29.1  |
| MFD4020D05-H  |               |                         | 0.22          | 1.08              | 7500  | 7.9              | 5.78                 | 32.7  |
| MFD4020D05-HH |               |                         | 0.24          | 1.2               | 8500  | 8.77             | 7.52                 | 37.2  |
| MFD4020D1-L   | 12            | 8.5 ~ 13.5              | 0.06          | 0.72              | 5000  | 5.19             | 2.62                 | 20.9  |
| MFD4020D1-LM  |               |                         | 0.07          | 0.84              | 6000  | 6.41             | 3.87                 | 26.7  |
| MFD4020D1-M   |               |                         | 0.08          | 0.96              | 6500  | 6.87             | 4.6                  | 29.1  |
| MFD4020D1-H   |               |                         | 0.09          | 1.08              | 7500  | 7.9              | 5.78                 | 32.7  |
| MFD4020D1-HH  |               |                         | 0.1           | 1.2               | 8500  | 8.77             | 7.52                 | 37.2  |
| MFD4020D2-M   | 24            | 18 ~ 26.5               | 0.4           | 0.96              | 6500  | 6.87             | 4.6                  | 29.1  |
| MFD4020D2-H   |               |                         | 0.45          | 1.08              | 7500  | 7.9              | 5.78                 | 32.7  |
| MFD4020D2-HH  |               |                         | 0.05          | 1.2               | 8500  | 8.77             | 7.52                 | 37.2  |

### DIMENSIONS DRAWING & P&Q CURVE

