

DF

50-3P

CE

Ø50mm(Ø1.97")



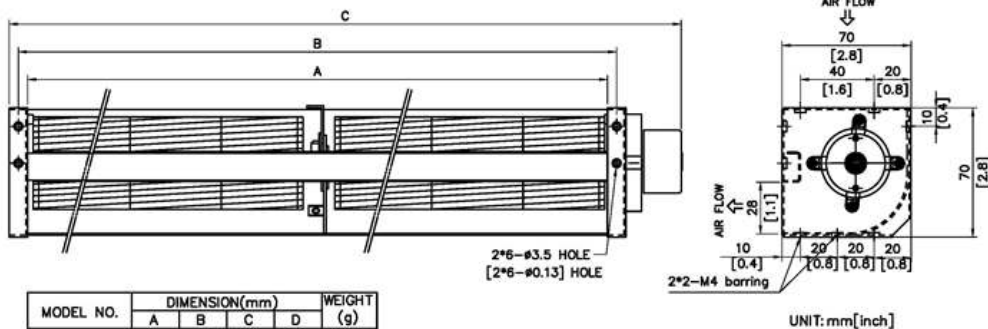
|                       |                                  |
|-----------------------|----------------------------------|
| HOUSING               | Metal/Aluminum                   |
| IMPELLER              | Aluminum, Ø50mm                  |
| BEARING               | Ball                             |
| OPERATING TEMPERATURE | 0°C to + 45°C                    |
| DIELECTRIC STRENGTH   | 5mA Max. at 500 VAC for 1 minute |
| INSULATION RESISTANCE | 10M Ω min. @500 VDC              |
| MOTOR TYPE            | DC Brushless Motor               |
| ROHS COMPLIANCE       | Yes                              |
| IP LEVEL              | Special IP Rating On Request     |

50mm

## SPECIFICATION

| MODEL NO.        | RATED VOLTAGE(V) | RATED CURRENT(A) | INPUT POWER(W) | SPEED (RPM) | MAX. AIR PRESSURE |       | MAX. AIR FLOW |        | NOISE dB(A) @1M |
|------------------|------------------|------------------|----------------|-------------|-------------------|-------|---------------|--------|-----------------|
|                  |                  |                  |                |             | inchH2O           | mmH2O | CFM           | m3/min |                 |
| ©DF50870V24HB-3P | 24               | 0.52             | 12.48          | 1800        | 0.071             | 1.8   | 254.23        | 7.2    | 42              |
| ©DF50730V24HB-3P | 24               | 0.47             | 11.28          | 1900        | 0.079             | 2.0   | 222.45        | 6.3    | 42              |
| DF50610V24HB-3P  | 24               | 0.44             | 10.56          | 1900        | 0.075             | 1.9   | 190.67        | 5.4    | 42              |
| DF50428V24HB-3P  | 24               | 0.27             | 6.48           | 1700        | 0.13              | 3.3   | 148.41        | 4.2    | 35              |
| DF50358V24HB-3P  | 24               | 0.26             | 6.24           | 1800        | 0.146             | 3.7   | 134.28        | 3.8    | 36              |
| DF50298V24HB-3P  | 24               | 0.35             | 8.40           | 2200        | 0.169             | 4.3   | 123.67        | 3.5    | 44              |
| DF50198V24HB-3P  | 24               | 0.31             | 7.44           | 2500        | 0.185             | 4.7   | 88.34         | 2.5    | 43              |
| DF50098V24HB-3P  | 24               | 0.13             | 3.12           | 2600        | 0.232             | 5.9   | 45.94         | 1.3    | 37              |

## DIMENSION



| MODEL NO.  | DIMENSION(mm) |     |     |    | WEIGHT (g) |
|------------|---------------|-----|-----|----|------------|
|            | A             | B   | C   | D  |            |
| DF50098-3P | 98            | 108 | 148 | 38 | 370        |
| DF50198-3P | 198           | 208 | 248 | 38 | 470        |
| DF50298-3P | 298           | 308 | 348 | 38 | 590        |
| DF50358-3P | 358           | 368 | 408 | 38 | 660        |
| DF50428-3P | 428           | 438 | 478 | 38 | 730        |
| DF50610-3P | 610           | 620 | 665 | 56 | 1030       |
| DF50730-3P | 730           | 740 | 785 | 56 | 1140       |
| DF50870-3P | 870           | 880 | 925 | 56 | 1250       |

SYMBANG

# AIR PERFORMANCE

