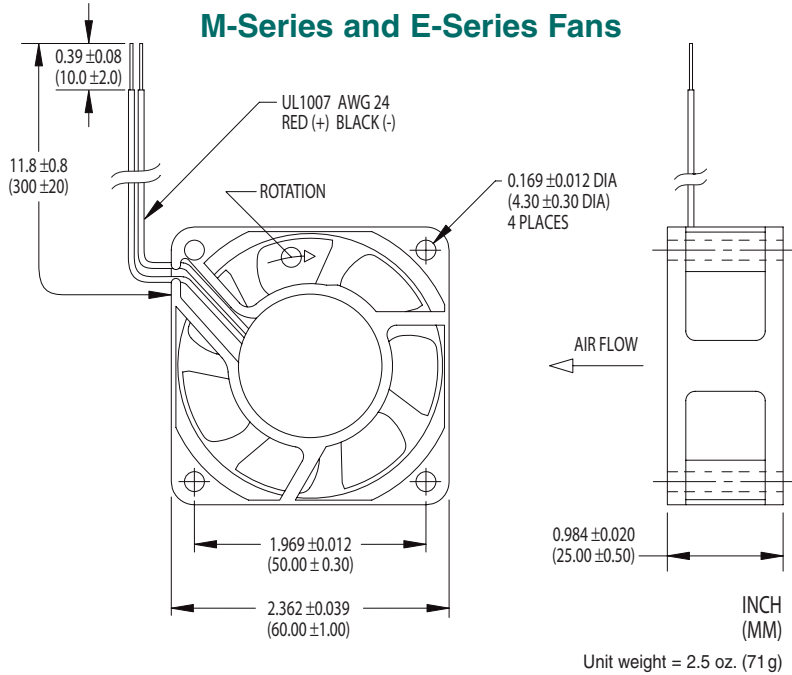


# 60x25mm



- ▶ 12V and 24V Models
- ▶ Polarity Protected
- ▶ Permanently Lubricated Ball Bearings or Long-Life NBR<sup>Δ</sup> Designs
- ▶ Strut Side Discharge
- ▶ Alarm/Tachometer/Thermal Speed Control/PWM Speed Control Options



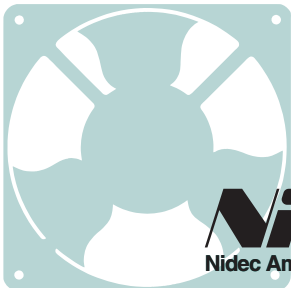
## TA225DC Series—Electrical and Mechanical Characteristics

| Model   | Air Flow (CFM) | Operating Voltage |           | Current (mA) | Power (W) | Sound Level    |             |           | Fan Speed (rpm) | Bearing <sup>Δ</sup> | Operating Temp. |  |
|---------|----------------|-------------------|-----------|--------------|-----------|----------------|-------------|-----------|-----------------|----------------------|-----------------|--|
|         |                | Nom. (V)          | Range (V) |              |           | Pressure (dBA) | NPEL (Bels) | Min. (°C) |                 |                      | Max. (°C)       |  |
| M33394  | 9.0            | 12                | 10.2-13.8 | 90           | 1.08      | 14.6           | 3.2         | 2,250     | Ball            | -10                  | +70             |  |
| M33397  | 9.0            | 24                | 20.4-27.6 | 70           | 1.68      | 14.6           | 3.2         | 2,250     | Ball            | -10                  | +70             |  |
| M33399  | 12             | 12                | 10.2-13.8 | 110          | 1.32      | 17.2           | 3.7         | 2,600     | Ball            | -10                  | +70             |  |
| E34384  | 12             | 12                | 10.2-13.8 | 110          | 1.32      | 20.0           | 3.5         | 2,600     | NBR             | -10                  | +70             |  |
| M33401  | 12             | 24                | 20.4-27.6 | 80           | 1.92      | 17.2           | 3.7         | 2,600     | Ball            | -10                  | +70             |  |
| E34385  | 12             | 24                | 20.4-27.6 | 80           | 1.92      | 20.0           | 3.5         | 2,600     | NBR             | -10                  | +70             |  |
| M33402  | 14             | 12                | 10.2-13.8 | 140          | 1.68      | 22.5           | 3.9         | 3,060     | Ball            | -10                  | +70             |  |
| E34386  | 14             | 12                | 10.2-13.8 | 140          | 1.68      | 21.7           | 3.7         | 3,060     | NBR             | -10                  | +70             |  |
| M33403  | 14             | 24                | 20.4-27.6 | 90           | 2.16      | 22.5           | 3.9         | 3,060     | Ball            | -10                  | +70             |  |
| E34387  | 14             | 24                | 20.4-27.6 | 90           | 2.16      | 21.7           | 3.7         | 3,060     | NBR             | -10                  | +70             |  |
| M33404  | 16             | 12                | 10.2-13.8 | 180          | 2.16      | 28.0           | 4.2         | 3,700     | Ball            | -10                  | +70             |  |
| E34388  | 16             | 12                | 10.2-13.8 | 180          | 2.16      | 28.1           | 4.3         | 3,700     | NBR             | -10                  | +70             |  |
| M33405  | 16             | 24                | 20.4-27.6 | 130          | 3.12      | 28.0           | 4.2         | 3,700     | Ball            | -10                  | +70             |  |
| E34389  | 16             | 24                | 20.4-27.6 | 130          | 3.12      | 28.1           | 4.3         | 3,700     | NBR             | -10                  | +70             |  |
| M33455  | 20             | 12                | 10.2-13.8 | 220          | 2.64      | 29.4           | 4.7         | 4,360     | Ball            | -10                  | +70             |  |
| E34390  | 20             | 12                | 10.2-13.8 | 220          | 2.64      | 32.7           | 4.6         | 4,360     | NBR             | -10                  | +70             |  |
| M33497  | 20             | 24                | 20.4-27.6 | 140          | 3.36      | 29.4           | 4.7         | 4,360     | Ball            | -10                  | +70             |  |
| E34391  | 20             | 24                | 20.4-27.6 | 140          | 3.36      | 32.7           | 4.6         | 4,360     | NBR             | -10                  | +70             |  |
| M34418  | 25             | 12                | 10.2-13.8 | 280          | 3.36      | 31.5           | 5.1         | 5,150     | Ball            | -10                  | +70             |  |
| M34313  | 25             | 24                | 20.4-27.6 | 160          | 3.84      | 31.5           | 5.1         | 5,150     | Ball            | -10                  | +70             |  |
| B34605* | 32             | 12                | 10.2-13.8 | 580          | 6.96      | 43.0           | 6.0         | 6,800     | Ball            | -10                  | +70             |  |

Note: Air flow, current, power, speed and sound level ratings are at nominal voltage against zero static pressure. NPEL = Noise Power Emission Level. Power termination and signal options are designated by two-digit suffixes added to the model names: For color-coded 300mm power leads with stripped ends, add "-16" to the model numbers.

<sup>Δ</sup> NBR, Nidec Bearing Revolution: See <http://www.nidec.com/nbr/nbr.htm>.

\* B34605 has open, unreinforced corner flanges (eight mounting holes, four on the air inlet side parallel to four on the air discharge side of the housing). See mechanical drawing for "B" series fans on following page.

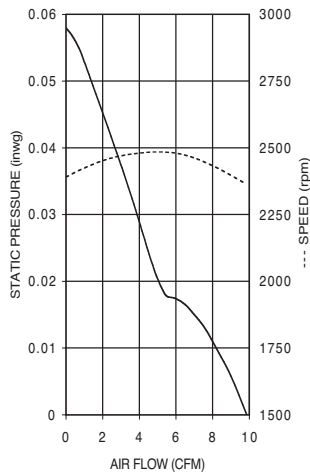


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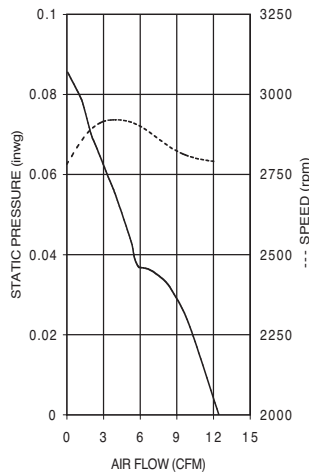
phone 781-848-0970 · fax 781-380-3634 · email [fans@nidec.com](mailto:fans@nidec.com) · [www.nidec.com](http://www.nidec.com)

# 60x25mm

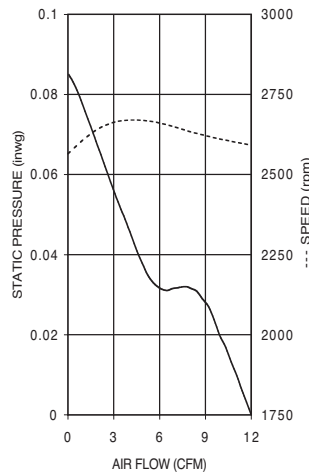
## TA225DC Series Air Performance



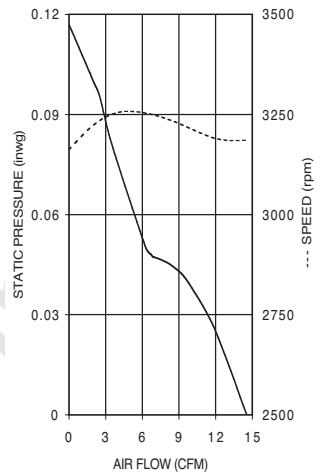
M33394/M33397



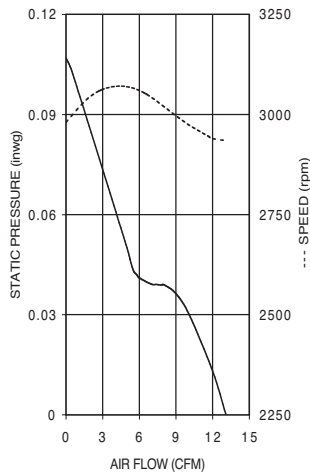
M33399/M33401



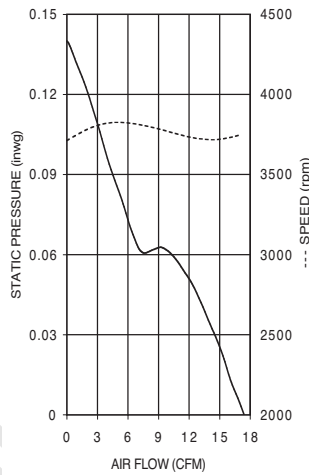
E34384/E34385



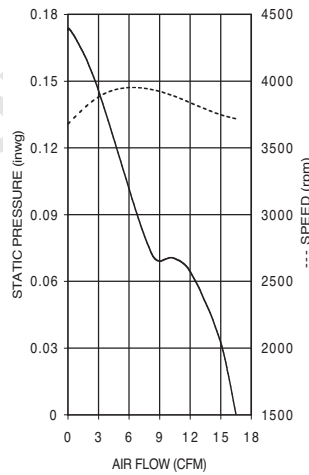
M33402/M33403



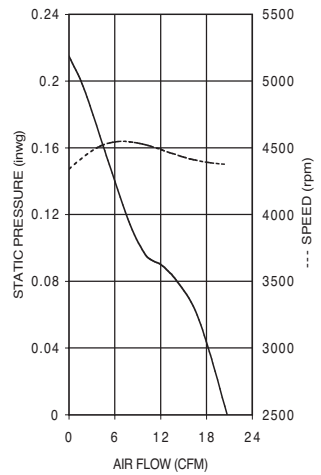
E34386/E34387



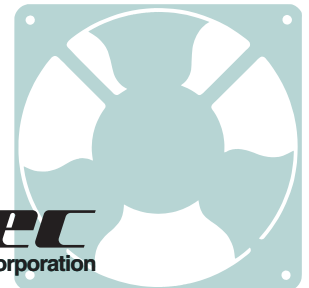
M33404/M33405



E34388/E34389

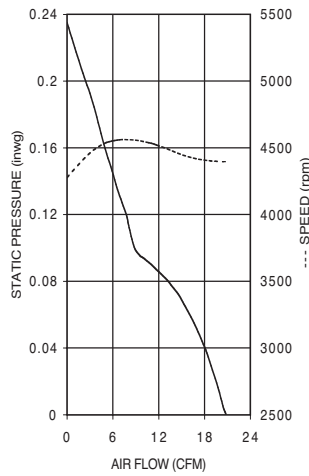


M33455/M33497

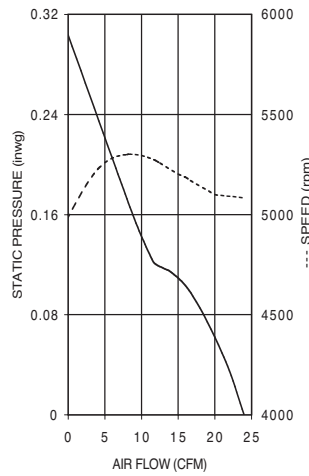


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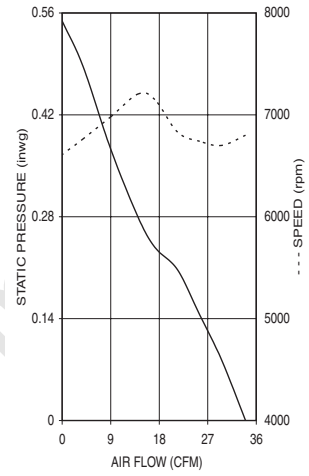
## TA225DC Series Air Performance



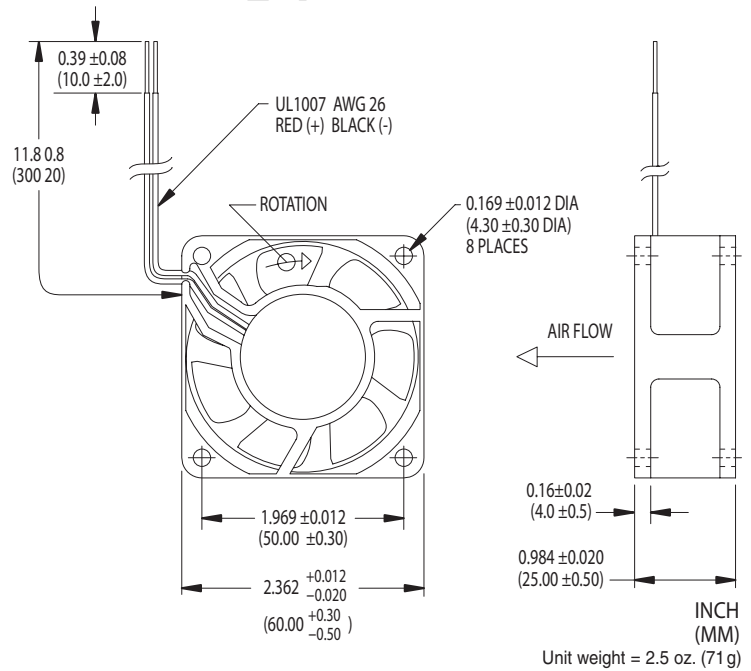
E34390/E34391



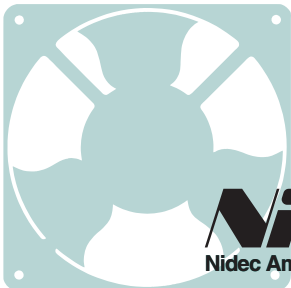
M34418/M34313



B34605



## B-Series Fans



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