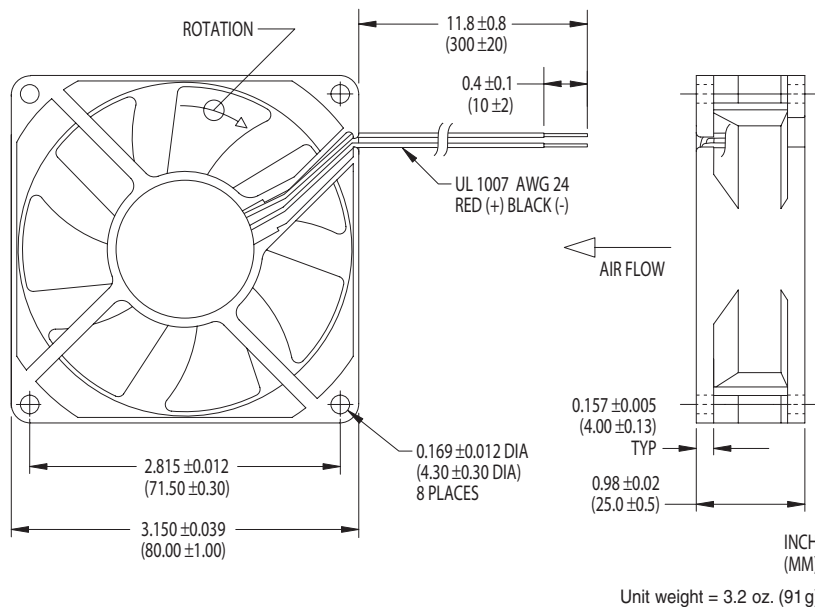


# 80×25mm



- 12V and 24V Models
- Polarity Protected
- Strut Side Discharge
- Permanently Lubricated Ball Bearings or Long-Life NBR<sup>Δ</sup> Designs
- Alarm/Tachometer/Thermal Speed Control/PWM Speed Control Options
- Sound-Absorbing Thermoplastic Frame and Impeller Rated V-0

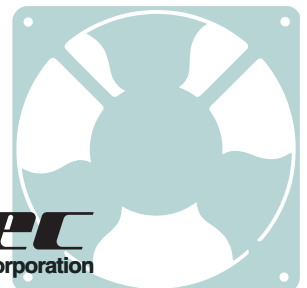
## L-Series Fans

### TA300DC 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) |
| L34681 | 23             | 12                | 10.2-13.8 | 70           | 0.84      | 17.7           | 3.6         | 1,850           | NBR                  | -10             | +70       |
| L34682 | 23             | 24                | 20.4-27.6 | 50           | 1.20      | 17.7           | 3.6         | 1,850           | NBR                  | -10             | +70       |
| M33414 | 25             | 12                | 10.2-13.8 | 110          | 1.32      | 22.5           | 3.8         | 2,050           | Ball                 | -10             | +70       |
| M33415 | 25             | 24                | 20.4-27.6 | 90           | 2.16      | 22.5           | 3.8         | 2,050           | Ball                 | -10             | +70       |
| L34683 | 26             | 12                | 10.2-13.8 | 80           | 0.96      | 21.8           | 3.9         | 2,050           | NBR                  | -10             | +70       |
| L34684 | 26             | 24                | 20.4-27.6 | 60           | 1.44      | 21.8           | 3.9         | 2,050           | NBR                  | -10             | +70       |
| M33412 | 30             | 12                | 10.2-13.8 | 150          | 1.80      | 24.4           | 4.2         | 2,400           | Ball                 | -10             | +70       |
| M33413 | 30             | 24                | 20.4-27.6 | 100          | 2.40      | 24.4           | 4.2         | 2,400           | Ball                 | -10             | +70       |
| L34685 | 31             | 12                | 10.2-13.8 | 110          | 1.32      | 26.1           | 4.2         | 2,400           | NBR                  | -10             | +70       |
| L34686 | 31             | 24                | 20.4-27.6 | 70           | 1.68      | 26.1           | 4.2         | 2,400           | NBR                  | -10             | +70       |
| M33409 | 35             | 12                | 10.2-13.8 | 210          | 2.52      | 31.7           | 4.5         | 2,900           | Ball                 | -10             | +70       |
| M33411 | 35             | 24                | 20.4-27.6 | 130          | 3.12      | 31.7           | 4.5         | 2,900           | Ball                 | -10             | +70       |
| L34687 | 37             | 12                | 10.2-13.8 | 130          | 1.56      | 31.1           | 4.6         | 2,800           | NBR                  | -10             | +70       |
| L34688 | 37             | 24                | 20.4-27.6 | 80           | 1.92      | 31.1           | 4.6         | 2,800           | NBR                  | -10             | +70       |
| L34689 | 41             | 12                | 10.2-13.8 | 200          | 2.40      | 34.9           | 5.0         | 3,250           | NBR                  | -10             | +70       |
| L34690 | 41             | 24                | 20.4-27.6 | 110          | 2.64      | 34.9           | 5.0         | 3,250           | NBR                  | -10             | +70       |
| M33406 | 43             | 12                | 10.2-13.8 | 290          | 3.48      | 35.8           | 5.0         | 3,400           | Ball                 | -10             | +70       |
| M33407 | 43             | 24                | 20.4-27.6 | 180          | 4.32      | 35.8           | 5.0         | 3,400           | Ball                 | -10             | +70       |

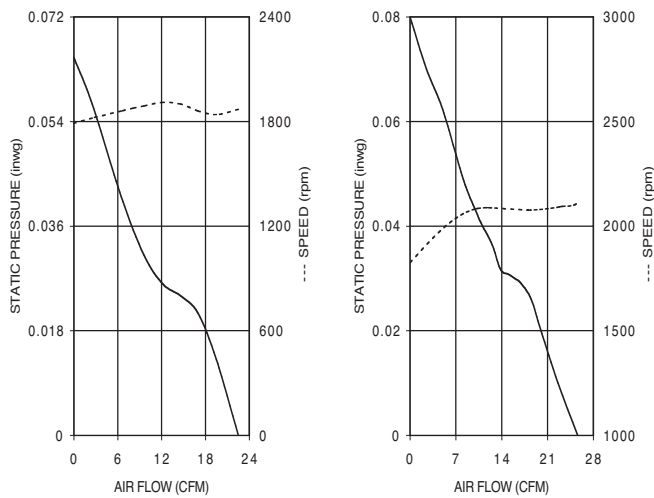
Note: Air flow, current, power, speed and sound level ratings are at nominal voltage against zero static pressure. NPEL = Noise Power Emission Level. The first character of the model number denotes housing material and flange configuration. (M = advanced thermoplastic housing with open flange.) The series is also available as 'C' models (thermoplastic housing, closed flange). 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: Long-life sleeve-bearing design.



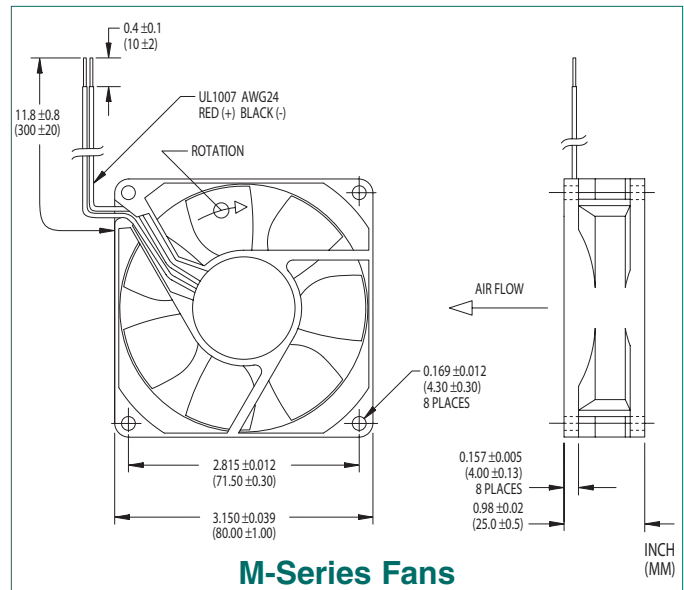
# 80×25mm

## TA300DC Air Performance

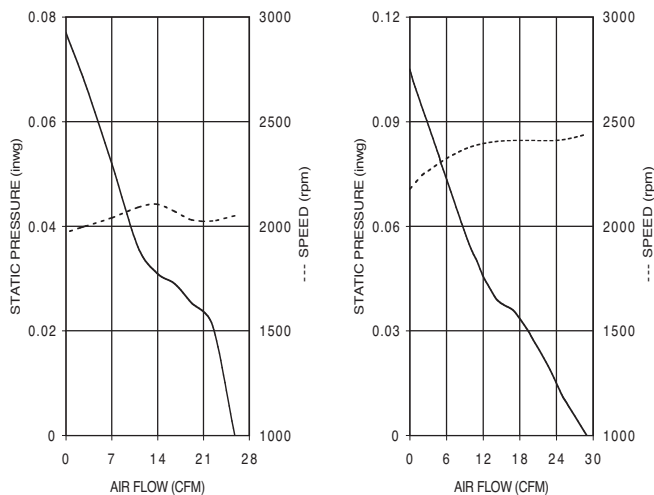


L34681/L34682

M33414/M33415

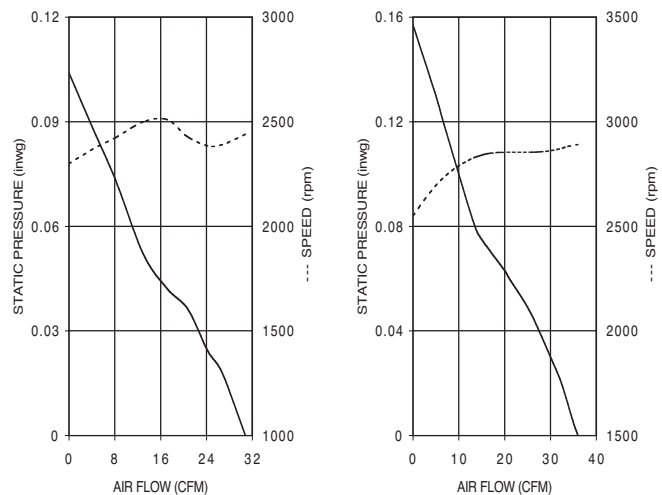


M-Series Fans



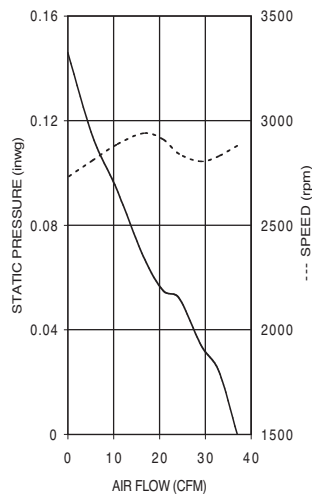
L34683/L34684

M33412/M33413

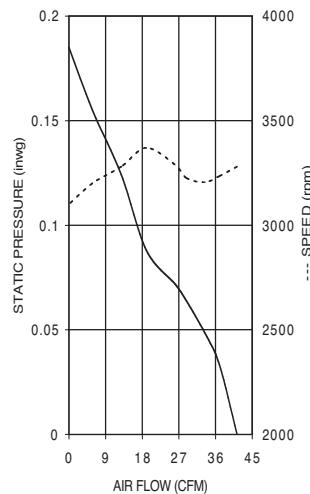


L34685/L34686

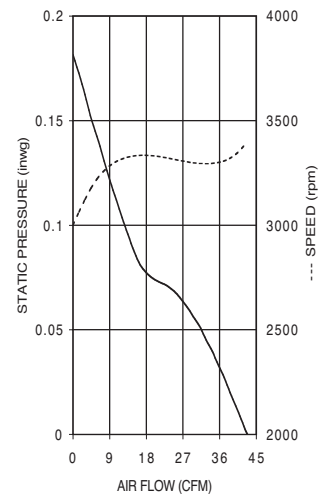
M33409/M33411



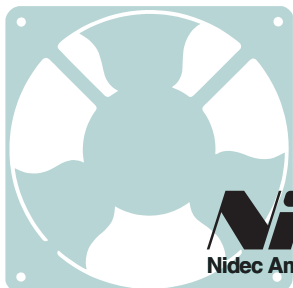
L34687/L34688



L34689/L34690



M33406/M33407



**Nidec**  
Nidec America Corporation

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