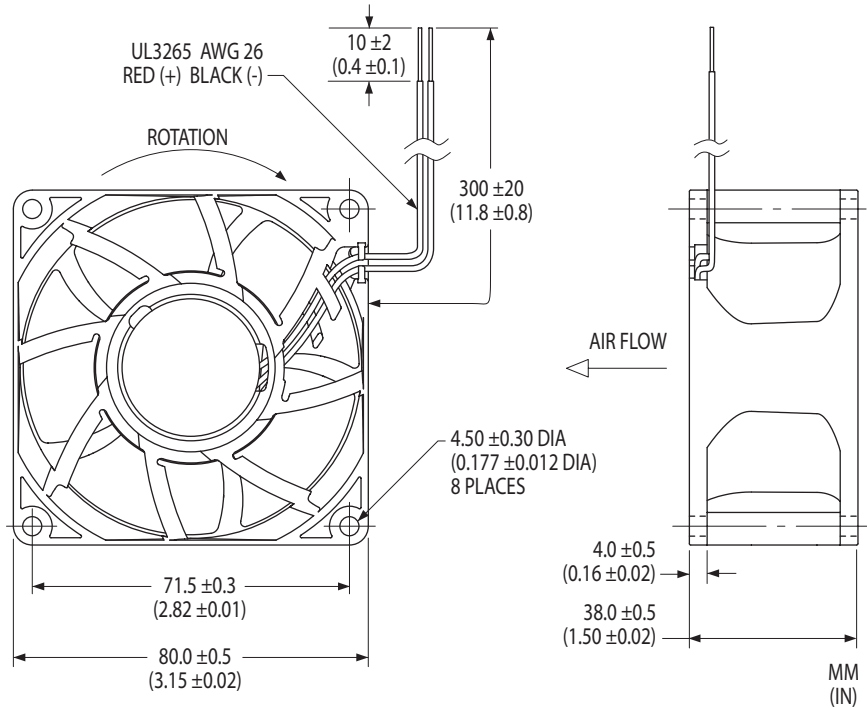


80x38mm



V80E A5 Series

- ✓ Up to 30% Lower Power Requirement than Previous Designs
- ✓ Impeller and Motor Optimized for Improved Efficiency
- ✓ Permanently Lubricated Dual Ball Bearings

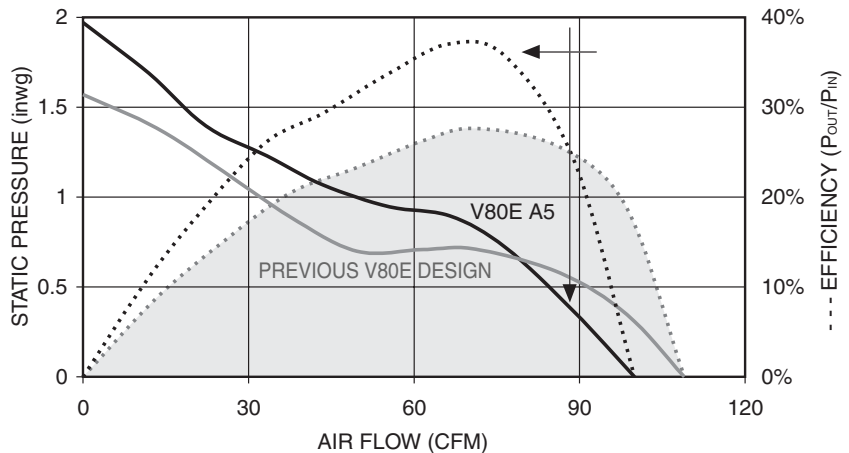


Efficiency-Optimized Vane Axial Cooling Fans

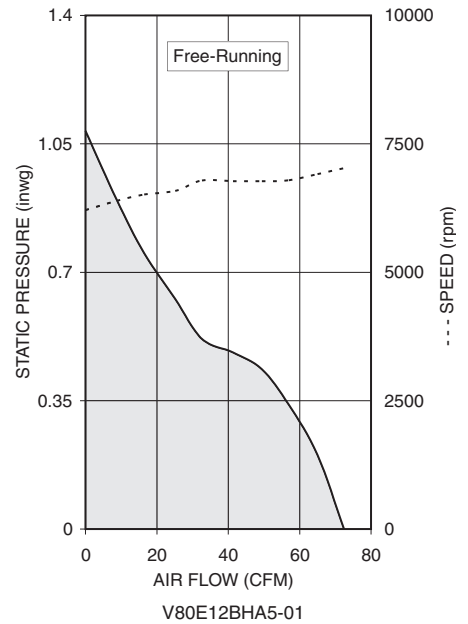
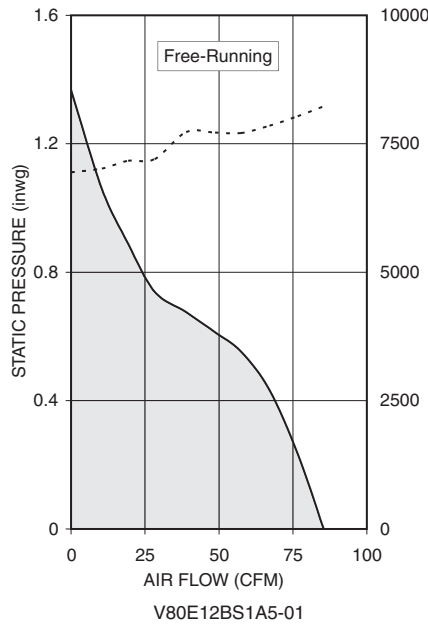
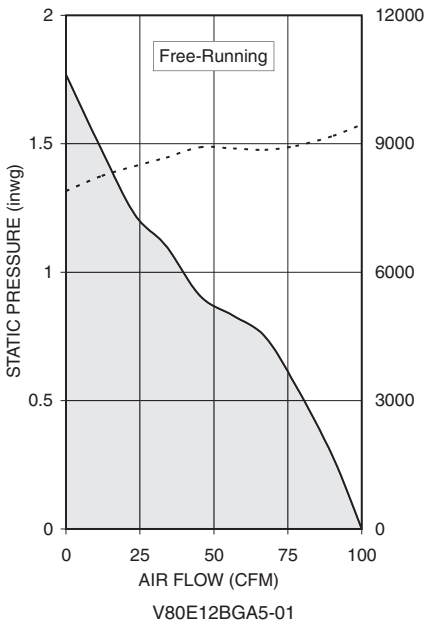
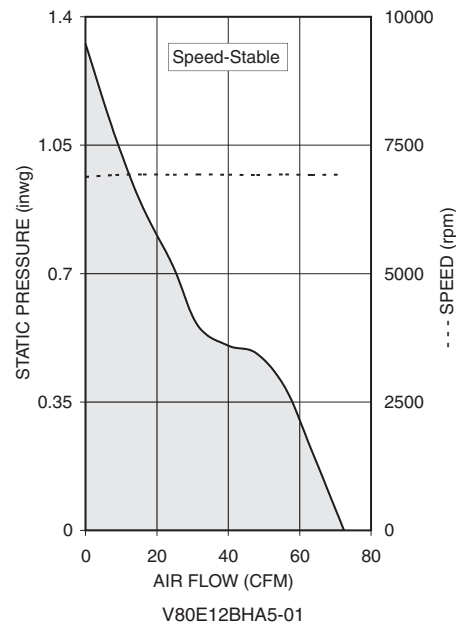
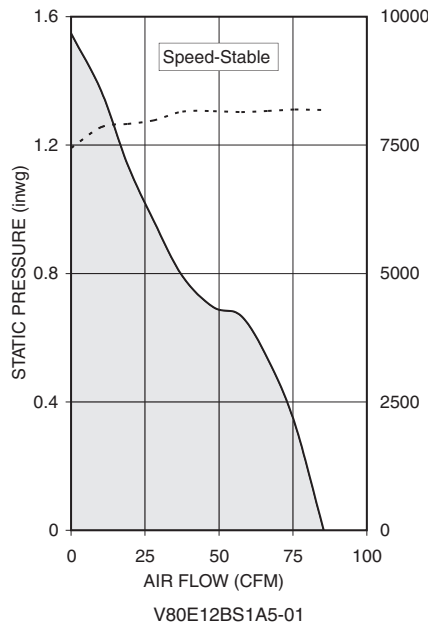
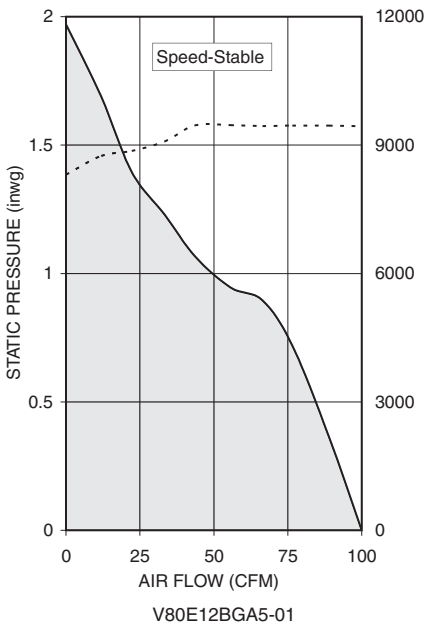
| Model | Max. Static Air Flow (CFM) | Max. Static Pressure (inwg) | Operating Voltage | | Operating Current (A) | Input Power (W) | Fan Speed (rpm) | Sound Pressure (dBA) | Operating Temp. | | L10 Life† (hours) |
|---------------------|----------------------------|-----------------------------|-------------------|-----------|-----------------------|-----------------|-----------------|----------------------|-----------------|-----------|-------------------|
| | | | Nominal (V) | Range (V) | | | | | Min. (°C) | Max. (°C) | |
| Speed-Stable | | | | | | | | | | | |
| V80E12BGA5-01 | 100 | 1.97 | 12 | 7.0-13.8 | 1.40 | 16.8 | 9500 | 61.0 | -10 | +70 | 70,000 |
| V80E12BS1A5-01 | 86 | 1.55 | 12 | 7.0-13.8 | 0.90 | 10.8 | 8200 | 57.5 | -10 | +70 | 70,000 |
| V80E12BHA5-01 | 73 | 1.33 | 12 | 7.0-13.8 | 0.60 | 7.2 | 7000 | 53.5 | -10 | +70 | 70,000 |
| Free-Running | | | | | | | | | | | |
| V80E12BGA5-51 | 100 | 1.77 | 12 | 7.0-13.8 | 1.40 | 16.8 | 9500 | 61.0 | -10 | +70 | 70,000 |
| V80E12BS1A5-51 | 86 | 1.37 | 12 | 7.0-13.8 | 0.90 | 10.8 | 8200 | 57.5 | -10 | +70 | 70,000 |
| V80E12BHA5-51 | 73 | 1.09 | 12 | 7.0-13.8 | 0.60 | 7.2 | 7000 | 53.5 | -10 | +70 | 70,000 |

Air flow, current, speed and sound pressure ratings are at nominal operating voltage and zero static pressure. Current and power ratings are average expected values under those conditions. † L10 bearing life expectancy at $T_A = +40^\circ\text{C}$. © UltraFlo is a brand trademark of Nidec Corporation. N/A/IBC

EFFICIENCY GAIN
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V80E A5 Series



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