

CEE PREMIUM EFFICIENCY MOTORS INITIATIVE EFFICIENCY SPECIFICATIONS

(Terms of Usage Follow)

CEE Specification aligned with NEMA PREMIUM® on June 13, 2001

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CEE Initiative Web page: www.cee1.org/ind/motrs/mtr-ms-main.php3

Covered Equipment: 1-200 horsepower (hp) NEMA Design A and B, three phase, low voltage, integral horsepower, general purpose motors ODP and TEFC, 1200, 1800, and 3600 RPM (as covered by EPart).

| Open Drip-Proof (ODP) | | | | | | | Totally Enclosed Fan-Cooled (TEFC) | | | | | | |
|-----------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|------------------------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|----------------------------------|
| HP | 1200 RPMs | | 1800 RPMs | | 3600 RPMs | | HP | 1200 RPMs | | 1800 RPMs | | 3600 RPMs | |
| | EPart Efficiency Standard* | CEE Specification/NEMA Premium** | EPart Efficiency Standard* | CEE Specification/NEMA Premium** | EPart Efficiency Standard* | CEE Specification/NEMA Premium** | | EPart Efficiency Standard* | CEE Specification/NEMA Premium** | EPart Efficiency Standard* | CEE Specification/NEMA Premium** | EPart Efficiency Standard* | CEE Specification/NEMA Premium** |
| 1 | 80.0 | 82.5 | 82.5 | 85.5 | N/A | 77.0 | 1 | 80.0 | 82.5 | 82.5 | 85.5 | 75.5 | 77.0 |
| 1.5 | 84.0 | 86.5 | 84.0 | 86.5 | 82.5 | 84.0 | 1.5 | 85.5 | 87.5 | 84.0 | 86.5 | 82.5 | 84.0 |
| 2 | 85.5 | 87.5 | 84.0 | 86.5 | 84.0 | 85.5 | 2 | 86.5 | 88.5 | 84.0 | 86.5 | 84.0 | 85.5 |
| 3 | 86.5 | 88.5 | 86.5 | 89.5 | 84.0 | 85.5 | 3 | 87.5 | 89.5 | 87.5 | 89.5 | 85.5 | 86.5 |
| 5 | 87.5 | 89.5 | 87.5 | 89.5 | 85.5 | 86.5 | 5 | 87.5 | 89.5 | 87.5 | 89.5 | 87.5 | 88.5 |
| 7.5 | 88.5 | 90.2 | 88.5 | 91.0 | 87.5 | 88.5 | 7.5 | 89.5 | 91.0 | 89.5 | 91.7 | 88.5 | 89.5 |
| 10 | 90.2 | 91.7 | 89.5 | 91.7 | 88.5 | 89.5 | 10 | 89.5 | 91.0 | 89.5 | 91.7 | 89.5 | 90.2 |
| 15 | 90.2 | 91.7 | 91.0 | 93.0 | 89.5 | 90.2 | 15 | 90.2 | 91.7 | 91.0 | 92.4 | 90.2 | 91.0 |
| 20 | 91.0 | 92.4 | 91.0 | 93.0 | 90.2 | 91.0 | 20 | 90.2 | 91.7 | 91.0 | 93.0 | 90.2 | 91.0 |
| 25 | 91.7 | 93.0 | 91.7 | 93.6 | 91.0 | 91.7 | 25 | 91.7 | 93.0 | 92.4 | 93.6 | 91.0 | 91.7 |
| 30 | 92.4 | 93.6 | 92.4 | 94.1 | 91.0 | 91.7 | 30 | 91.7 | 93.0 | 92.4 | 93.6 | 91.0 | 91.7 |
| 40 | 93.0 | 94.1 | 93.0 | 94.1 | 91.7 | 92.4 | 40 | 93.0 | 94.1 | 93.0 | 94.1 | 91.7 | 92.4 |
| 50 | 93.0 | 94.1 | 93.0 | 94.5 | 92.4 | 93.0 | 50 | 93.0 | 94.1 | 93.0 | 94.5 | 92.4 | 93.0 |
| 60 | 93.6 | 94.5 | 93.6 | 95.0 | 93.0 | 93.6 | 60 | 93.6 | 94.5 | 93.6 | 95.0 | 93.0 | 93.6 |
| 75 | 93.6 | 94.5 | 94.1 | 95.0 | 93.0 | 93.6 | 75 | 93.6 | 94.5 | 94.1 | 95.4 | 93.0 | 93.6 |
| 100 | 94.1 | 95.0 | 94.1 | 95.4 | 93.0 | 93.6 | 100 | 94.1 | 95.0 | 94.5 | 95.4 | 93.6 | 94.1 |
| 125 | 94.1 | 95.0 | 94.5 | 95.4 | 93.6 | 94.1 | 125 | 94.1 | 95.0 | 94.5 | 95.4 | 94.5 | 95.0 |
| 150 | 94.5 | 95.4 | 95.0 | 95.8 | 93.6 | 94.1 | 150 | 95.0 | 95.8 | 95.0 | 95.8 | 94.5 | 95.0 |
| 200 | 94.5 | 95.4 | 95.0 | 95.8 | 94.5 | 95.0 | 200 | 95.0 | 95.8 | 95.0 | 96.2 | 95.0 | 95.4 |

* This standard, equivalent to NEMA Standards Publication MG 1-2006, Table 12-11, became effective October 1997 through EPart. New motors manufactured and imported for the U.S. market must meet or exceed these full load nominal efficiencies.

** Equivalent to NEMA Standards Publication MG 1-2006, Table 12-12.

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