

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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Nominal Full Load Efficiencies for EPAct -covered equipment: 1-200 horsepower NEMA design A and B, three phase, integral horsepower, general purpose motors (1200, 1800, 3600 RPM).

Open Drip-Proof (ODP)							Totally Enclosed Fan-Cooled (TEFC)						
1200 RPMs		1800 RPMs		3600 RPMs			1200 RPMs		1800 RPMs		3600 RPMs		
	EPACT Efficiency Standard*	NEMA Premium Efficiency	EPACT Efficiency Standard*	NEMA Premium Efficiency	EPACT Efficiency Standard*	NEMA Premium Efficiency	HP	EPACT Efficiency Standard*	NEMA Premium Efficiency	EPACT Efficiency Standard*	NEMA Premium Efficiency	EPACT Efficiency Standard*	NEMA Premium Efficiency
HP							HP						
1	80	82.5	82.5	85.5	N/A	77.0	1	80	82.5	82.5	85.5	75.5	77.0
1.5	84	86.5	84	86.5	82.5	84.0	1.5	85.5	87.5	84	86.5	82.5	84.0
2	85.5	87.5	84	86.5	84	85.5	2	86.5	88.5	84	86.5	84	85.5
3	86.5	88.5	86.5	89.5	84	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	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	93	89.5	90.2	15	90.2	91.7	91	92.4	90.2	91.0
20	91	92.4	91	93	90.2	91.0	20	90.2	91.7	91	93	90.2	91.0
25	91.7	93.0	91.7	93.6	91	91.7	25	91.7	93.0	92.4	93.6	91	91.7
30	92.4	93.6	92.4	94.1	91	91.7	30	91.7	93.0	92.4	93.6	91	91.7
40	93	94.1	93	94.1	91.7	92.4	40	93	94.1	93	94.1	91.7	92.4
50	93	94.1	93	94.5	92.4	93.0	50	93	94.1	93	94.5	92.4	93.0
60	93.6	94.5	93.6	95	93	93.6	60	93.6	94.5	93.6	95	93	93.6
75	93.6	94.5	94.1	95	93	93.6	75	93.6	94.5	94.1	95.4	93	93.6
100	94.1	95.0	94.1	95.4	93	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	95.8	93.6	94.1	150	95	95.8	95	95.8	94.5	95.0
200	94.5	95.4	95	95.8	94.5	95.0	200	95	95.8	95	96.2	95	95.4

* This standard, equivalent to NEMA Table 12-10, went into effect in October 1997. New motors manufactured and imported for the U.S. market must meet or exceed these full load nominal efficiencies.

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