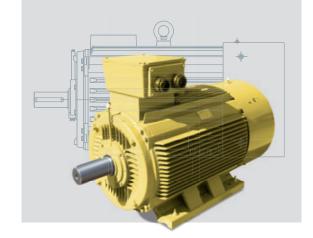


Energy efficiency classes IEC motors [50 Hz / 60 Hz]



Three-phase squirrel cage induction motors: 50 Hz, 60 Hz, or 50/60 Hz, 2-, 4-, 6-pole, rated voltage ≤ 1000 volts, rated power ≥ 0.75 kW ≤ 375 kW, designed for continuous operation

IE1 50 Hz IE2 50 Hz IE3 50 Hz 0.75 72.1 72.1 70.0 0.75 77.4 79.6 75.9 0.75 80.7 82.5 78.9 1.1 75.0 75.0 72.9 1.1 79.6 81.4 78.1 82.7 84.1 81.0 1.1 77.2 77.2 75.2 1.5 81.3 82.8 79.8 1.5 84.2 85.3 82.5 1.5 2.2 79.7 79.7 77.7 2.2 83.2 84.3 81.8 2.2 85.9 86.7 84.3 3.0 81.5 81.5 79.7 3.0 84.6 85.5 83.3 3.0 87.1 87.7 85.6 4.0 83.1 83.1 81.4 4.0 85.8 86.6 84.6 4.0 88.1 88.6 86.8 5.5 84.7 84.7 83.1 5.5 87.0 87.7 86.0 5.5 89.2 89.6 88.0 7.5 86.0 86.0 84.7 7.5 88.1 88.7 87.2 7.5 90.1 90.4 89.1 11.0 87.6 87.6 86.4 11.0 89.4 89.8 88.7 11.0 91.2 91.4 90.3 15.0 88.7 88.7 87.7 15.0 90.3 90.6 89.7 15.0 91.9 91.2 18.5 89.3 89.3 88.6 18.5 90.9 91.2 90.4 18.5 92.4 92.6 91.7 22.0 22.0 93.0 92.2 22.0 89.9 89.9 89.2 91.3 91.6 90.9 92.7 30.0 90.7 90.7 90.2 30.0 92.0 92.3 91.7 30.0 93.3 93.6 92.9 37.0 91.2 91.2 90.8 37.0 92.5 92.7 92.2 37.0 93.7 93.9 93.3

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200-375 IE1 60 Hz IE2 60 Hz IE3 60 Hz

45

55

75

90

110

132

160

P _s kW	Polzahl 2	4	6	P _n kW	Polzahl 2	4	6	P _n kW	Polzahl 2	4	6
0.75	74.0	77.0	72.0	0.75	75.5	78.0	73.0	0.75	77.0	83.5	82.5
1.1	78.5	79.0	75.0	1.1	82.5	84.0	85.5	1.1	84.0	86.5	87.5
1.5	81.0	81.5	77.0	1.5	84.0	84.0	86.5	1.5	85.5	86.5	88.5
2.2	81.5	83.0	78.5	2.2	85.5	87.5	87.5	2.2	86.5	89.5	89.5
3.7	84.5	85.0	83.5	3.7	87.5	87.5	87.5	3.7	88.5	89.5	89.5
5.5	86.0	87.0	85.0	5.5	88.5	89.5	89.5	5.5	89.5	91.7	91.0
7.5	87.5	87.5	86.0	7.5	89.5	89.5	89.5	7.5	90.2	91.7	91.0
11.0	87.5	88.5	89.0	11.0	90.2	91.0	90.2	11.0	91.0	92.4	91.7
15.0	88.5	89.5	89.5	15.0	90.2	91.0	90.2	15.0	91.0	93.0	91.7
18.5	89.5	90.5	90.2	18.5	91.0	92.4	91.7	18.5	91.7	93.6	93.0
22.0	89.5	91.0	91.0	22.0	91.0	92.4	91.7	22.0	91.7	93.6	93.0
30.0	90.2	91.7	91.7	30.0	91.7	93.0	93.0	30.0	92.4	94.1	94.1
37.0	91.5	92.4	91.7	37.0	92.4	93.0	93.0	37.0	93.0	94.5	94.1
45.0	91.7	93.0	91.7	45.0	93.0	93.6	93.6	45.0	93.6	95.0	94.5
55.0	92.4	93.0	92.1	55.0	93.0	94.1	93.6	55.0	93.6	95.4	94.5
75.0	93.0	93.2	93.0	75.0	93.6	94.5	94.1	75.0	94.1	95.4	95.0
90.0	93.0	93.2	93.0	90.0	94.5	94.5	94.1	90.0	95.0	95.4	95.0
110.0	93.0	93.5	94.1	110.0	94.5	95.0	95.0	110.0	95.0	95.8	95.8
150.0	94.1	94.5	94.1	150.0	95.0	95.0	95.0	150	95.4	96.2	95.8
185-375	94.1	94.5	94.1	185-375	95.4	95.0	95.0	185-375	95.8	96.2	95.8

MENZEL Elektromotoren GmbH Headquarters Neues Ufer 19-25 10553 Berlin | Germany +49 (0)30 34 99 22 0 info@menzel-motors.com

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24/7 emergency hotline

Emergency? Damage? Breakdown? Our emergency service is available to you during 24 hours and 365 days per year.



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