

Squirrel-Cage Induction Motors

Rated values of power, current, efficiency, and necessary motor fuses								
Power [kW]	cosφ	Efficiency [%]	230V		380V		660V	
			Thermal Relay	Circuit-Breaker	Thermal Relay	Circuit-Breaker	Thermal Relay	Circuit-Breaker
0.25	0.69	68	1.4	4	0.88	2	—	—
0.37	0.71	72	2.1	4	1.22	4	0.7	2
0.55	0.75	74	2.7	4	1.5	4	0.9	2
0.75	0.77	75	3.3	6	2	4	1.1	2
1.1	0.8	77	4.9	10	2.6	4	1.5	2
1.5	0.8	79	6.2	10	3.5	6	2	4
2.2	0.81	81	8.7	16	5	10	2.9	4
3	0.82	83	11.6	20	6.6	16	3.5	4
4	0.83	84.5	15.3	25	8.7	16	4.9	6
5.5	0.84	86	20.6	35	11.5	20	6.7	10
7.5	0.85	87	27.4	35	15.4	25	9	10
11	0.85	88	39.2	63	22	35	13	16
15	0.86	89	52.6	80	30	50	17.5	20
18.5	0.86	90	64.9	100	37	63	21	25
22	0.86	90.5	75.2	100	43	63	25	35
30	0.87	90.5	101	125	60	80	33	35
37	0.87	92.5	124	160	72	100	42	50
45	0.87	92.5	150	200	85	125	49	63
55	0.87	92.5	181	250	105	160	60	63
75	0.88	92	245	315	140	200	82	100
90	0.88	92.5	292	400	170	250	98	125
110	0.88	93	358	500	205	250	118	125
132	0.88	93.5	425	500	245	315	140	160
160	0.89	93.5	500	700	300	450	172	220
200	0.89	93.5	620	1,000	370	560	216	270
250	0.89	93.5	760	1,200	470	700	270	350
500	0.9	93.5	1,500	2,250	930	1,400	540	675

Note:

Above are recommended values.