

## **Dati elettrici (50Hz) - motori asincroni trifasi a singola velocità 2 poli**

**(TABELLA PURAMENTE INDICATIVA)**

## **Electrical data (50Hz) - three phase asynchronous single speed motors 2 poles**

**(THE ABOVE DATA ARE NOT BINDING)**

<b>Tipo</b>	<b>Potenza</b>	<b>Giri/min</b>	<b>Corrente In(A)</b>		<b>Fattore di potenza</b>			
<b>Frame size</b>	<b>Power (KW)</b>	<b>Rpm (rpm/min)</b>	<b>Current In(A) 400V</b>	<b>Eff. (%)</b>	<b>Power factor (cosφ)</b>	<b>Cn (Nm)</b>	<b>Cs/Cn</b>	<b>Is/In</b>
56	0,09	2710	0.36	53	0.72	0,502	2.2	4
56	0,12	2700	0.40	61	0.72	0,534	2.2	4
56	0,18	2710	0.55	63	0.75	0,642	2.2	6
63	0,18	2710	0.55	63	0.75	0,641	2.2	6
63	0,25	2710	0.71	65	0.78	0,884	2.2	6
63	0,37	2710	1.05	65	0.78	1,261	2.2	6
71	0,37	2730	0.97	70	0.79	1,262	2.2	6
71	0,55	2760	1.42	71	0.79	1,869	2.2	6
80	0,75	2840	1.75	77.4	0.80	2,49	2.9	5.8
80	1,1	2850	2.42	80	0.82	3,53	3.5	6.8
90	1,5	2850	3.20	81.4	0.83	5,09	3.5	6.9
90	2,2	2860	4.54	83.2	0.84	7,32	4.1	7.9
100	3	2880	5.88	84.6	0.87	9,96	3.4	7.8
112	4	2890	7.54	86	0.89	13,16	2.7	7.5
132	5,5	2900	10.2	87.2	0.89	18,25	2.4	7.7
132	7,5	2910	13.8	88.1	0.89	24,47	2.6	8.4
160	11	2930	19.9	89.4	0.89	20,23	2.4	7.6
160	15	2930	26.9	90.3	0.89	27,68	2.6	8
160	18,5	2940	32.6	90.9	0.90	33,42	3	9
180	22	2950	38.6	91.3	0.90	39,11	2.6	8.5
200	30	2950	52.3	92	0.90	51,93	2.4	8
200	37	2950	64.1	92.5	0.90	63,48	2.5	8.5

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## **Electrical data (50Hz) - three phase asynchronous single speed motors 4 poles**

**(THE ABOVE DATA ARE NOT BINDING)**

<b>Tipo</b> <i>Frame size</i>	<b>Potenza</b> <i>Power (KW)</i>	<b>Giri/min</b> <i>Rpm (rpm/min)</i>	<b>Corrente In(A)</b> <i>Current In(A) 400V</i>	<b>Eff. (%)</b>	<b>Fattore di potenza</b> <i>Power factor (cosφ)</i>	<b>Cn (Nm)</b>	<b>Cs/Cn</b>	<b>Is/In</b>
56	0,06	1360	0.35	50	0.56	0,478	2.3	4
56	0,09	1360	0.45	52	0.59	0,63	2.3	4
63	0,12	1360	0.55	52	0.64	0,93	2.2	4
63	0,18	1310	0.70	57	0.65	1,28	2.2	4
63	0,25	1340	0.91	60	0.66	1,77	2.2	4
71	0,25	1350	0.84	60	0.72	1,78	2.2	6
71	0,37	1370	1.11	65	0.74	2,62	2.2	6
71	0,55	1380	1.60	66	0.75	3,86	2.2	6
80	0,55	1370	1.58	67	0.75	3,87	2.2	6
80	0,75	1410	1.79	79.6	0.76	5,27	2.8	5.3
90	1,1	1420	2.50	81.4	0.78	7,61	3.8	6.7
90	1,5	1420	3.31	82.8	0.79	10,39	4	7.2
100	2,2	1440	4.83	84.3	0.78	14,76	3.6	7.4
100	3	1440	6.33	85.5	0.80	20,13	3.8	7.8
112	4	1440	8.23	86.6	0.81	26,89	3.1	7.1
132	5,5	1450	10.9	87.9	0.83	36,25	2.6	7.4
132	7,5	1450	14.5	88.7	0.84	49,21	2.8	7.7
160	11	1450	21.6	89.8	0.82	71,86	2.7	7.7
160	15	1450	28.4	90.6	0.84	97,90	2.4	7.3
180	18,5	1460	34.4	91.4	0.85	121,32	2.2	7.4
180	22	1460	40.3	91.7	0.86	143,26	2.3	7.5
200	30	1470	55.2	92.3	0.86	195,54	2.8	7.6

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<b>Tipo</b>	<b>Potenza</b>	<b>Giri/min</b>	<b>Corrente In(A)</b>	<b>Eff. (%)</b>	<b>Fattore di potenza</b>	<b>Cn (Nm)</b>	<b>Cs/Cn</b>	<b>Is/In</b>
<b>Frame size</b>	<b>Power (KW)</b>	<b>Rpm (rpm/min)</b>	<b>Current In(A) 400V</b>		<b>Power factor (cosφ)</b>			
63	0,09	840	0.51	42	0.61	0,98	2	3.5
63	0,12	850	0.62	45	0.62	1,18	2	3.5
71	0,18	880	0.70	56	0.66	1,93	1.6	4
71	0,25	900	0.87	59	0.7	2,36	2.1	4
71	0,37	890	1.27	61	0.69	3,93	2	4
80	0,37	900	1.23	62	0.7	3,90	1.9	4
80	0,55	900	1.65	67	0.72	5,84	2	4
90	0,75	925	2.01	76.0	0.71	7,75	3.1	4.7
90	1,1	930	2.82	78.1	0.72	11,43	3.2	5
100	1,5	940	3.71	80.0	0.73	15,09	3.1	5.9
112	2,2	945	5.17	81.8	0.75	22,13	2.6	5.5
132	3	960	6.84	83.3	0.76	30,32	2.2	5.7
132	4	960	8.86	84.6	0.77	41,25	2.4	6.2
132	5,5	960	12.0	86	0.77	54,86	2.6	6.7
160	7,5	970	16.1	87.5	0.77	74,69	2	5.6
160	11	970	22.9	89.0	0.78	108,92	2	5.8
180	15	975	28.9	90.1	0.83	147,77	1.9	7.5
200	18,5	975	35.6	90.4	0.83	180,32	2.2	6.3
200	22	975	41.6	90.9	0.84	214,53	2.3	6.5