

Electrical Performance

	Frame	Output (KW)	Speed (rpm)	Current (A)	Torque (Kgm)	Efficiency %			Power factor			STA	STT	POT
						FL	¾ L	½ L	FL	¾ L	½ L			
2 POLE	56	0.09	2670	0.38	0.03	57.0	53.0	45.0	0.58	0.51	0.40	3.8	2.0	2.3
	56	0.12	2700	0.48	0.04	58.0	49.0	37.0	0.60	0.53	0.42	3.8	2.0	2.3
	63	0.18	2740	0.53	0.06	63.0	60.0	55.0	0.75	0.68	0.56	4.0	2.5	2.7
	63	0.25	2760	0.70	0.09	65.0	62.0	56.0	0.76	0.69	0.57	4.0	2.5	2.7
	71	0.37	2800	1.00	0.13	67.0	63.0	57.0	0.77	0.70	0.58	4.8	2.4	2.7
	71	0.55	2820	1.35	0.19	72.0	68.0	60.0	0.79	0.72	0.58	5.0	2.4	2.7
	80	0.75	2840	1.75	0.26	75.0	70.0	63.0	0.79	0.73	0.65	5.5	2.5	2.8
	80	1.1	2840	2.4	0.38	77.0	72.0	64.0	0.83	0.76	0.66	5.9	2.5	2.8
	90 S	1.5	2850	3.2	0.51	78.5	74.0	66.0	0.83	0.76	0.66	6.0	2.5	3.0
	90 L	2.2	2860	4.5	0.75	81.0	77.0	69.0	0.84	0.77	0.67	6.2	2.5	3.0
	100 L	3.7	2880	7.3	1.25	84.0	81.0	73.0	0.84	0.80	0.72	6.5	2.5	3.0
	112 L	5.5	2900	10.3	1.84	85.0	83.0	79.0	0.87	0.81	0.72	6.5	2.4	2.8
	132 S	7.5	2910	14.0	2.51	86.0	85.0	83.0	0.87	0.83	0.77	6.5	2.4	2.8
	132 M	9.3	2915	16.5	3.10	86.5	86.0	83.0	0.91	0.86	0.80	6.5	2.4	2.8
4 Pole	56	0.09	1320	0.45	0.07	50.0	45.0	40.0	0.56	0.48	0.38	2.3	1.7	2.0
	56	0.12	1340	0.52	0.09	53.0	49.0	43.0	0.61	0.52	0.42	2.5	1.7	2.0
	63	0.18	1350	0.60	0.13	60.0	56.0	49.0	0.70	0.61	0.50	2.7	1.9	2.2
	71	0.25	1370	0.80	0.18	64.0	60.0	52.0	0.68	0.62	0.50	3.2	2.0	2.3
	71	0.37	1380	1.05	0.26	66.0	62.0	54.0	0.74	0.65	0.52	3.4	2.0	2.3
	80	0.55	1400	1.45	0.38	73.0	70.0	64.0	0.72	0.65	0.55	4.2	2.2	2.5
	80	0.75	1405	1.85	0.52	75.0	71.0	65.0	0.75	0.68	0.58	4.5	2.2	2.5
	90 S	1.1	1415	2.60	0.76	76.0	72.0	67.0	0.77	0.71	0.63	5.0	2.3	2.7
	90 L	1.5	1415	3.40	1.03	78.0	74.0	69.0	0.79	0.72	0.64	5.5	2.3	2.7
	100 L	2.2	1425	4.8	1.50	81.0	77.0	70.0	0.79	0.72	0.64	5.7	2.3	2.7
	112 L	3.7	1430	7.5	2.52	83.5	81.0	77.0	0.82	0.76	0.66	6.0	2.3	2.7

	132 S	5.5	1440	10.8	3.71	85.0	84.0	82.0	0.83	0.77	0.69	6.0	2.3	2.7
	132 M	7.5	1440	14.5	5.06	86.0	85.0	83.0	0.84	0.79	0.71	6.0	2.3	2.7
6 POLE	71	0.09	870	0.50	0.10	50.0	46.0	40.0	0.50	0.42	0.30	2.6	1.8	2.0
	71	0.12	880	0.60	0.13	52.0	47.0	41.0	0.54	0.43	0.32	2.6	1.8	2.0
	71	0.18	900	0.70	0.19	55.0	50.0	44.0	0.65	0.53	0.42	2.6	1.8	2.0
	71	0.25	900	0.85	0.27	60.0	55.0	48.0	0.68	0.55	0.44	2.6	1.8	2.0
	80	0.37	910	1.15	0.40	65.0	60.0	52.0	0.69	0.59	0.45	3.5	2.0	2.3
	80	0.55	910	1.60	0.59	68.0	62.0	53.0	0.70	0.60	0.46	3.5	2.0	2.3
	90 S	0.75	925	2.0	0.79	72.0	67.0	58.0	0.72	0.62	0.48	4.0	2.0	2.3
6 POLE	90 L	1.1	925	2.9	1.16	74.0	69.0	60.0	0.71	0.62	0.48	4.0	2.0	2.3
	100 L	1.5	935	3.8	1.56	76.0	71.0	62.0	0.72	0.63	0.53	4.5	2.0	2.3
	112 M	2.2	940	5.0	2.28	79.0	75.0	67.0	0.77	0.68	0.58	5.0	2.0	2.3
	132 S	3.7	950	8.0	3.79	83.0	81.0	77.0	0.78	0.70	0.60	5.5	2.0	2.3
	132 M	5.5	955	11.6	5.60	84.5	83.0	79.0	0.78	0.70	0.60	5.5	2.0	2.3
8 POLE	71	0.09	665	0.55	0.13	45.0	38.0	30.0	0.51	0.44	0.34	2.5	1.5	1.7
	71	0.12	665	0.7	0.18	48.0	41.0	33.0	0.50	0.43	0.33	2.5	1.5	1.7
	80	0.18	680	0.8	0.26	52.0	45.0	35.0	0.60	0.50	0.38	2.8	1.6	1.8
	80	0.25	685	1.1	0.35	55.0	47.0	37.0	0.57	0.48	0.37	3.0	1.6	1.8
	90 S	0.37	690	1.3	0.52	64.0	56.0	46.0	0.62	0.52	0.40	3.0	1.8	2.0
	90 L	0.55	690	1.85	0.78	67.0	58.0	48.0	0.62	0.53	0.41	3.5	1.8	2.0
	100 L	0.75	695	2.1	1.05	70.0	62.0	50.0	0.71	0.62	0.50	3.5	1.8	2.0
	100 L	1.1	695	3.1	1.54	71.0	63.0	51.0	0.70	0.61	0.49	3.5	1.8	2.0
	112 M	1.5	705	3.8	2.07	74.0	69.0	60.0	0.72	0.63	0.50	4.0	1.9	2.1
	132 S	2.2	710	5.2	3.01	79.0	75.0	67.0	0.75	0.67	0.55	4.0	1.9	2.1
	132 M	3.7	710	8.8	5.07	80.0	77.0	69.0	0.73	0.67	0.55	4.4	1.9	2.1