

PERFORMANCE FIGURES FOR PRIMO / SPECTRUM SERIES MOTORS

415 V \pm 10%, 50 Hz \pm 5% AND COMBINED VARIATION \pm 10% 50°C CLASS F INSULATION IP 55

3000 RPM (Syn) / 2 POLE

Frame	Output (Kw)	F.L.S. (rpm)	FLC (Amps)	LRC (pu)	Rated Torque (Kgm)	LRT (pu)	PUT (pu)	POT (pu)	% Efficiency	Power Factor	N.L.C. (Amps)	GD ² (kg-m)
									F.L.	F.L.		
PRIMO												
63	0.12	2750	0.34	5.0	0.043	3.50	2.80	3.00	64.0	0.76	0.20	0.00081
63	0.18	2750	0.52	4.5	0.064	2.75	2.20	3.00	64.0	0.76	0.30	0.00081
63	0.25	2720	0.60	4.5	0.090	3.00	2.40	3.25	67.0	0.76	0.50	0.00081
71	0.37	2780	0.92	6.0	0.130	3.00	2.40	3.25	70.0	0.80	0.45	0.0026
71	0.55	2780	1.35	5.0	0.193	3.00	2.40	2.75	70.0	0.80	0.55	0.0026
80	0.75	2800	1.60	6.0	0.261	2.75	2.20	3.00	77.0	0.84	0.80	0.0027
80	1.10	2820	2.35	6.0	0.380	2.75	2.20	3.00	77.0	0.84	1.20	0.0036
90S	1.50	2820	3.10	6.0	0.518	3.00	2.40	3.25	81.0	0.84	1.20	0.0052
90L	2.20	2830	4.50	6.0	0.757	3.00	2.40	3.25	81.0	0.84	2.00	0.0068
100L	3.70	2830	7.10	6.0	1.273	2.50	2.00	2.75	84.0	0.86	3.00	0.01
132S	5.50	2900	10.00	7.5	1.847	2.75	2.20	3.00	85.0	0.90	3.50	0.043
132S	7.50	2900	13.50	7.5	2.519	2.75	2.20	3.00	86.0	0.90	4.00	0.052
160M	11.00	2935	19.50	6.5	3.650	2.75	2.20	3.00	87.0	0.90	6.00	0.18
160M	15.00	2935	26.40	6.5	4.978	2.75	2.20	3.00	88.0	0.90	8.00	0.23
160L	10.50	2935	32.50	6.5	3.484	3.00	2.40	3.00	88.0	0.90	10.00	0.26
SPECTRUM												
180M	22.00	2945	37.00	6.5	7.276	1.80	1.60	2.50	91.0	0.90	10.00	0.4
200L	30.00	2955	50.00	7.5	9.888	2.20	1.80	2.50	91.0	0.91	13.00	0.75
200L	37.00	2955	62.00	7.5	12.196	2.20	1.80	2.50	91.0	0.91	18.00	0.85
225M	45.00	2965	75.00	7.0	14.782	2.20	1.80	2.50	91.0	0.92	23.00	2.30
250M	55.00	2965	92.00	6.0	18.067	1.6		2.80	92.5	0.90		3.30
280S	75.00	2970	125.00	6.3	24.596	1.7		2.90	93.0	0.90		6.50
280M	90.00	2970	149.00	6.0	29.515	1.6		2.80	93.5	0.90		7.40
315S	110.00	2978	181.00	6.6	35.977	1.7		3.20	94.0	0.90		11.00
315M	125.00	2975	205.00	6.0	40.924	1.5		2.80	94.5	0.90		12.00
315M	135.00	2978	221.00	6.5	44.154	1.6		3.00	94.5	0.90		12.50
315L	150.00	2978	243.00	7.0	49.060	1.6		3.00	94.5	0.91		15.00
315L	160.00	2980	258.00	7.0	52.295	1.7		3.00	95.0	0.91		15.00
315L	180.00	2978	289.00	6.3	58.872	1.5		2.70	95.2	0.91		16.50