

SY ELECTRIC - DATA

CODE	RATED VOLTAGE	RATED TORQUE S3/40%	TORQUE CONSTANT ±10%	RATED CURRENT	RATED TORQUE 65°C ΔT	RATED POWER	RATED SPEED	E.M.F. AT 1000RPM	RATED CURRENT 0 SPEED 65° C ΔT	PEAK CURRENT	MIN. DEMAG. CURRENT	WINDING RESISTANCE 20°C ±10%	WINDING INDUCTANCE ±25%
	V	Nm	Nm/A	A	Nm	w	rpm	V	A	A	A	Ohm	mH
SY15 9.0													
11A	174	14.0	2.3	3.9	8.5	979	1100	141.0	4.0	14.0	24.0	2.05	6.35
16A	157	13.5	1.4	5.8	8.2	1.374	1600	90.0	6.3	21.9	37.5	0.86	2.60
21A	157	13.2	1.1	7.2	8.0	1.759	2100	69.5	8.1	28.4	48.6	0.48	1.54
20B	304	13.2	2.3	3.6	8.0	1.675	2000	141.0	4.0	14.0	24.0	2.05	6.35
30B	287	12.4	1.4	5.5	7.5	2.356	3000	90.0	6.3	21.9	37.5	0.86	2.60
40B	292	11.6	1.1	6.2	7.0	2.932	4000	69.5	8.1	28.4	48.6	0.48	1.54
SY15 016													
11A	168	24.8	2.3	6.9	15.0	1.728	1100	139.2	6.9	24.0	41.1	0.86	3.40
16A	155	23.9	1.5	10.2	14.5	2.429	1600	90.0	10.6	37.0	63.4	0.36	1.43
21A	142	23.1	1.0	13.5	14.0	3.078	2100	63.8	14.9	52.2	89.5	0.18	0.72
20B	297	23.1	2.3	6.2	14.0	2.932	2000	139.5	6.9	24.0	41.1	0.86	3.40
30B	284	20.6	1.5	8.5	12.5	3.926	3000	90.0	10.6	37.0	63.4	0.36	1.43
40B	267	18.2	1.0	10.6	11.0	4.607	4000	64.0	14.9	52.2	89.5	0.18	0.72
SY15 024													
11A	167	36.3	2.3	9.8	22.0	2.534	1100	140.1	10.2	35.7	61.2	0.49	2.08
16A	154	34.7	1.5	14.5	21.0	3.518	1600	90.0	15.9	55.8	95.6	0.20	0.85
21A	149	33.0	1.1	18.0	20.0	4.397	2100	67.1	21.3	74.4	127.5	0.11	0.48
20B	296	33.0	2.3	8.8	20.0	4.188	2000	140.0	10.2	35.7	61.2	0.49	2.08
30B	282	29.7	1.5	12.3	18.0	5.654	3000	90.0	15.9	55.8	95.6	0.20	0.85
40B	281	24.8	1.1	13.7	15.0	6.282	4000	67.5	21.3	74.4	127.5	0.11	0.48
SY15 030													
11A	168	45.4	2.3	12.0	27.5	3.167	1100	141.9	12.6	44.0	75.5	0.36	1.55
16A	152	43.7	1.5	18.4	26.5	4.439	1600	89.4	19.9	69.7	119.5	0.14	0.62
21A	149	41.3	1.1	23.0	25.0	5.497	2100	67.1	26.6	93.0	159.4	0.08	0.35
20B	300	41.3	2.3	10.9	25.0	5.235	2000	142.0	12.6	44.0	75.5	0.36	1.55
30B	281	36.3	1.5	15.1	22.0	6.910	3000	89.7	19.9	69.7	119.5	0.14	0.62
40B	279	29.7	1.1	16.5	18.0	7.538	4000	67.3	26.6	93.0	159.4	0.08	0.35