

	e-Traction SM350/1				TheWheel SM500/1				TheWheel SM500/2				TheWheel SM500/3*				TheWheel SM700/2*				TheWheel SM700/3							
Voltage	48	96	144	240	48	96	144	192	384	96	144	192	384	768	96	144	192	384	768	96	192	384	768	96	192	384	768	
RPM Y	250	500	750	1,250	100	200	300	400	800	100	150	200	400	800	67	100	133	267	533	55	90	165	330	40	65	125	250	
RPM Δ	437	875	1,312	2,187	172	344	516	688	1,376	172	258	344	688	1,376	115	172	229	459	917	95	155	284	568	69	112	215	430	
Field Weakening Y	350	700	1,050	NA	200	400	600	800	NA	200	300	400	800	NA	133	200	267	533	NA	120	235	465	NA	90	175	350	NA	
Field Weakening Δ	625	1,200	1,750	NA	344	688	1,000	1,250	NA	344	500	625	1,250	NA	229	333	417	833	NA	206	404	800	NA	155	301	602	NA	
KW	6.0	13.0	19	32	7.5	15.0	22.5	30.0	60	15	22.5	30	60	120	15	22.5	30	60	120	30.0	65.0	95.0	190	40.0	80.0	120.0	240	
AMP - nominal	150A				300A				300A				300A				300A				300A							
AMP - peak	300A				1,000A				1,000A				1,000A				1,000A				1,000A							
Torque - nominal range	150 to 200 Nm				1,000 to 1,250 Nm				2,000 to 2,500 Nm				3,000 to 3,750 Nm				3,900 to 5,400 Nm				5,200 to 7,200 Nm							
Torque - peak	600 Nm				2,625 Nm				5,250 Nm				7,500 Nm				10,000 Nm				15,000 Nm							
Weight	Aluminum 85 kg				Steel 285 kg	Aluminum 185 kg			Steel 450 kg				Steel 600 kg				FE: 750 kg	AL: 625 kg			FE: 850 kg	AL: 725 kg						
Max. Load	2.5 TON				9 TON	3.5 TON			9 TON				9 TON				30 TON	7.5 TON			30 TON	7.5 TON						
Nominal Load	1.5 TON				6 TON	2.25 TON			6 TON				6 TON				15 TON	5 TON			15 TON	5 TON						
Diameter	378 mm				539 mm, tire 840 mm R23"				539 mm, tire 455/45 R22,5"				539 mm, tire 455/45 R22,5"				715 mm, tire 455/45 R30"				715 mm, tire 455/45 R30"							
Length	275 mm				345 mm				455 mm				555 mm				525 mm				625 mm							
Max. Revolutions	2,500 RPM				1,500 RPM				1,500 RPM				1,000 RPM				665 RPM				500 RPM							
Cooling	Air, contact and water																											
Protection	IP54 - or higher																											
Isolation Class	H																											

* Under Development