

Traction Motors

Model . No	Application	Motor Type	Electric System	Continuous Rating	Cooling Method	Characteristics / Features
RTM 3050	Electric Commercial Vehicles	IM (ASM)	650 V DC	100 kW	Water cooling (Inner fan cooling)	Flange-mounted 4P-3 phase-485 V-145 A- 3300 rpm-Class 180
RTM 2644	Electric Vehicles	IM (ASM)	350 V DC	60 kW	Water cooling	Flange-mounted 4P-3 phase-250 V-170 A- 3800 rpm-Class 180

Description	Value - RTM 3050	Value - RTM 2644
Electric System	650 V	350 V
Rated power	100 kW	60 kW
Rated torque	290 N.m	150 N.m
Base speed	3300 rpm	3800 rpm
Peak power	200 kW	120 kW
Peak torque	600 N.m	300 N.m
Max speed	10000 rpm	9000 rpm
Insulation class	H 180 °C	H 180 °C
Cooling	Water jacket , 16 l/min with water inlet 60 °C	Water jacket , 12 l/min with water inlet 60 °C
Ambient conditions	-30 °C to 70 °C , 1500 m above sea level	-30 °C to 70 °C , 1500 m above sea level
Overall dimension (without shaft)	310 mm × 260 mm × 500 mm	300 mm × 270 mm × 220 mm
Weight	124 kg	60 kg