

Drive Train Motor



Features	
Flexible Configurations	Ability to modify standard series to meet performance requirements.
Sensors	Resolver or absolute multiturn encoder provides actuator speed and position. Thermistor monitors internal motor temperature.
Load Holding Brake	Integrated load holding brakes provide load holding capabilities.
Thermal Protection	Thermistor monitors internal motor temperature to prevent overheating.
Liquid Cooled	Liquid cooling increases the life and longevity of the traction motor.

- 1 Stator
- 2 Rotor Shaft
- 3 3 Phase Power Connection
- 4 Coolant Ports



General Performance Capabilities		
Specifications	Series 1	Series 2
Peak Torque	515 Nm (380 lb-ft)	735 Nm (542 lb-ft)
Max No Load Speed	2850 RPM	1850 RPM
A Length mm (in)	732 mm (28.8)	783 mm (30.8)
B Length mm (in)	379 mm (14.9)	379 mm (14.9)
C Length mm (in)	300 mm (11.8)	300 mm (11.8)
Operating Voltage	400V - 800V	
Shock and Vibration	50g, 6g	
Environmental Ratings	IP66 & IP67 (Protected against hose down and temporary immersion) -40°C to +85°C (Ambient temperature)	

Speed Torque Curve

