

Traction Drive Assembly



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 Motor
- 2 Internal Brake
- 3 Gearbox
- 4 3 Phase Power Connectors
- 5 Coolant Ports

General Performance Capabilities			
Specifications	Series 1	Series 2	Series 3
Peak Torque	3,566 Nm (2,630 lb-ft)	5,586 Nm (4,120 lb-ft)	8,379 Nm (6,180 lb-ft)
Max No Load Speed	390 RPM	260 RPM	175 RPM
D - Flange	285 mm (11.2)	285 mm (11.2)	285 mm (11.2)
L1 – Total Length mm (in)	478 mm (18.8)	529 mm (20.8)	579 mm (22.8)
L2 – Brake & Gearbox Length mm (in)	228 mm (9.0)	228 mm (9.0)	228 mm (9.0)
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)		

