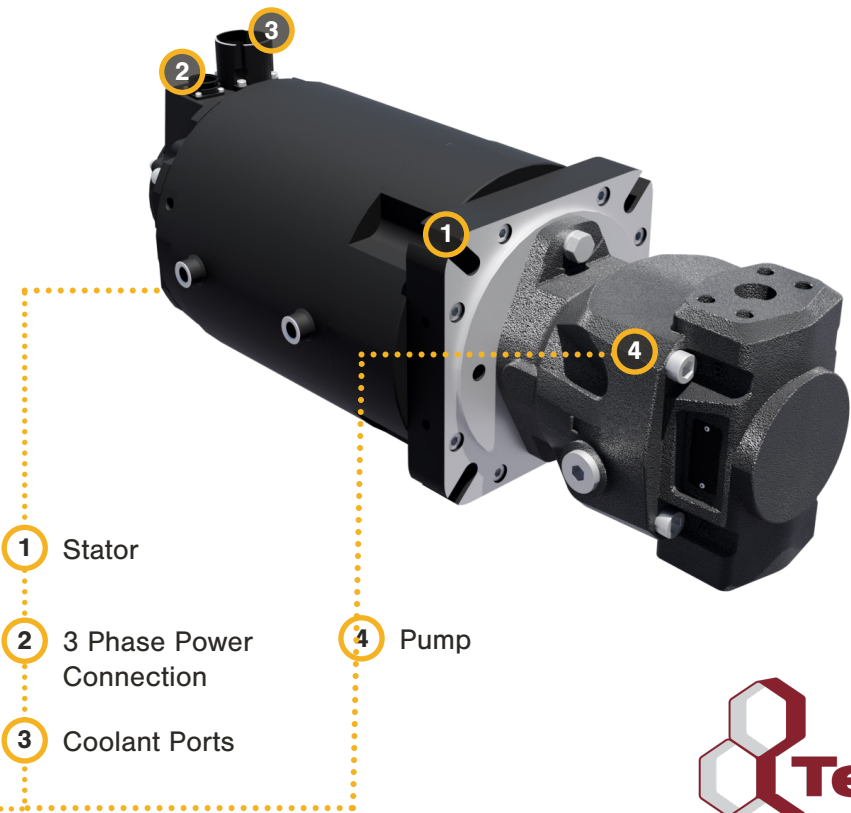


Pump Drive Motor

Pump drive motors convert electrical energy into mechanical energy that then drives a hydraulic pump. The servo motor receives 3-phase power from the inverter to provide immediate and efficient power to the hydraulic pump, unlike a diesel engine.

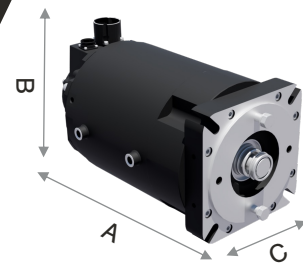
Features

Flexible Configurations	Ability to modify standard series to meet performance requirements.
Standard Pump Mount Configurations	Integrated pump mounting flange for ISO 3019-1 and ISO 3019-2 2-Bolt and 4-Bolt mounting dimensions
Sensors	Resolver or absolute multiturn encoder provides pump 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.



Pump Drive Motor

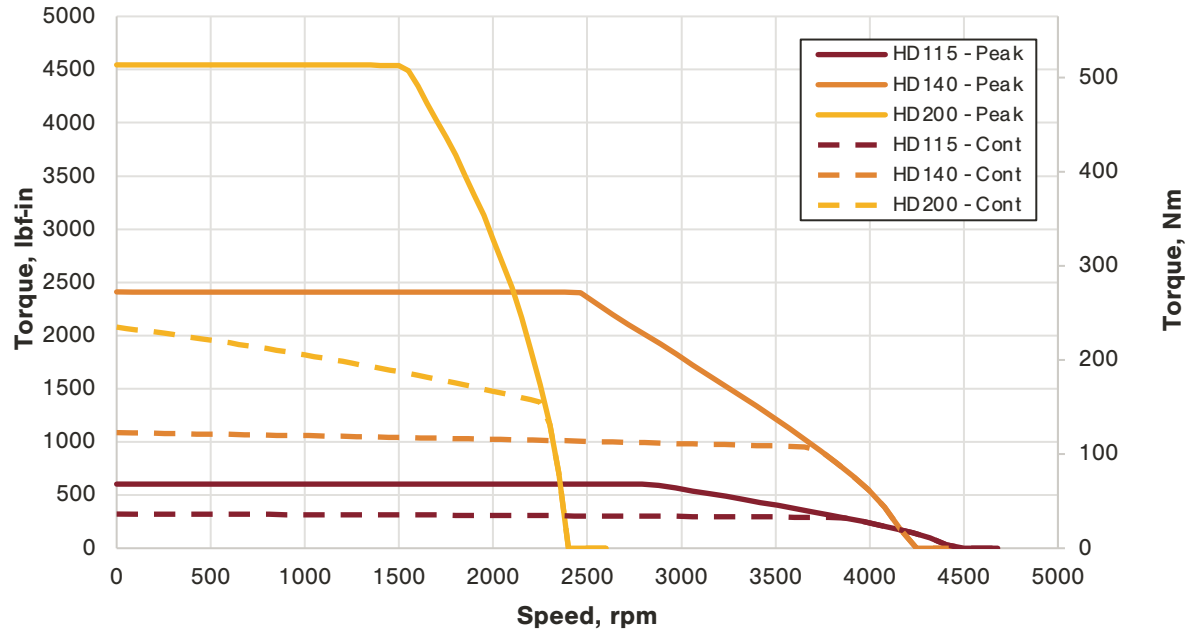
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General Performance Capabilities

Specifications	HD115	HD140	HD200
Peak Torque* Nm (lb-ft)	68 Nm (602 lb-ft)	182 Nm (725 lb-ft)	513 Nm (4544 lb-ft)
Max No Load Speed* RPM	7700 4500	5030 4750	4460 2400
A Length mm (in)	130 (5.11)	165 (6.50)	215 (8.46)
B Length mm (in)	167 - 253 (6.57 - 9.96)	209 - 263 (8.23 - 10.35)	275 - 426 (10.83 - 16.77)
C Length mm (in)	149 (5.87)	199 (7.83)	252 (9.92)
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)		

Motor Speed Torque Capabilities Curve*



Hydraulic Pump Flow Pressure Capabilities Curve*Z

