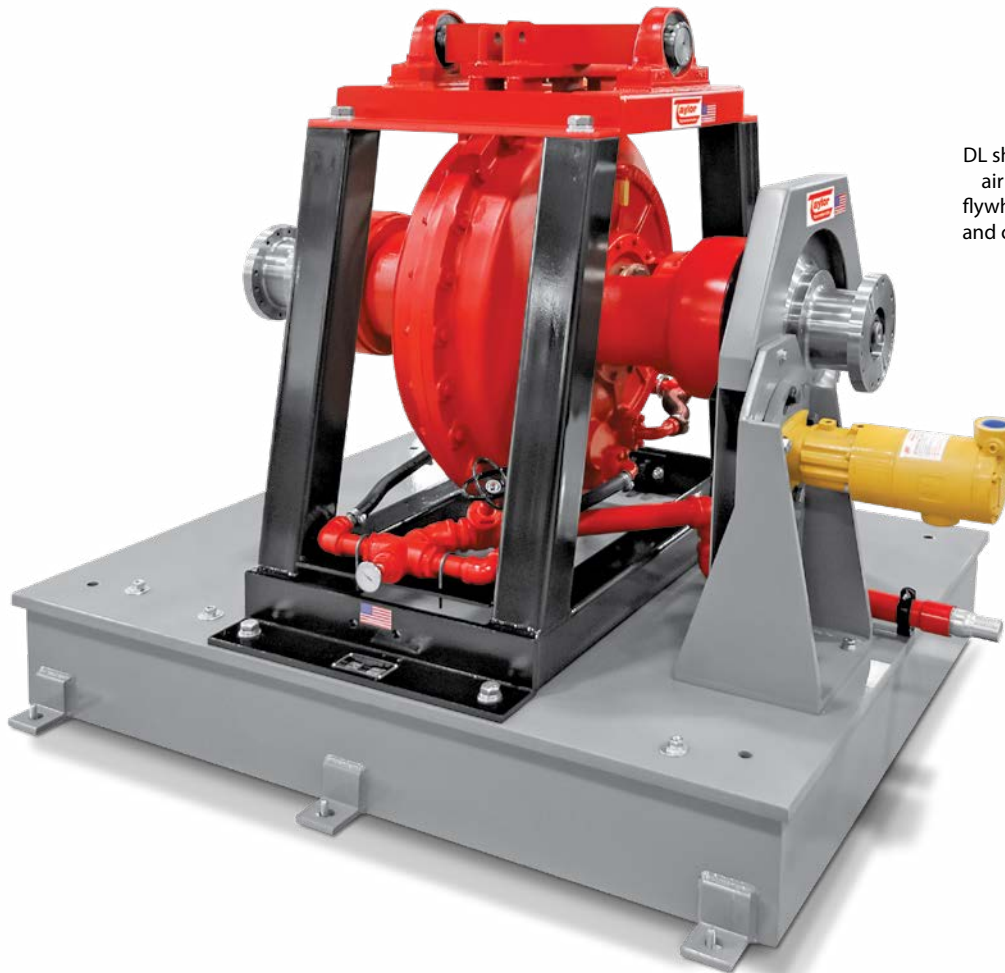




DL550 / Engine Dynamometer



DL shown with optional air starter, sub base, flywheel, flywheel cover and companion flanges.

DL550 Water Brake Dynamometer

Specifications

Power:	550 hp (410 kW)
Torque:	8,422 lb-ft (11,418 Nm)
Speed:	1,800 rpm
Water Use*:	40 gpm (151.4 lpm)
Inertia Value**:	84.5 lb-ft ² (3.56 kg·m ²)
Shipping Weight:	1,543 lb (700 kg)

*No Cooling System

**With Companion Flange

Recommended Accessories

- Driveshaft - 1910
- Driveshaft Guard
- Adapter Plate Kit - 1910
- Engine Cart - 6,000 lb (2,724 kg)
- Cooling Column - 1,250 hp (932 kW)
- Air Starter
- Charge Air Cooler
- Water Recirculating System

For overhung loads, such as a belt or gear drive, please contact Taylor Dynamometer to ensure that the system will meet the required performance needs.

Total Test Success

Optional Accessories



DL shown with optional scissor base



Optional Cooling Column



Optional Driveshaft Guard



Optional Engine Cart



Optional Charge Air Cooler

Various Facility Support Systems and Services Available



Bulk Fuel Storage and Distribution



Coolant Storage and Distribution



Water Recirculation

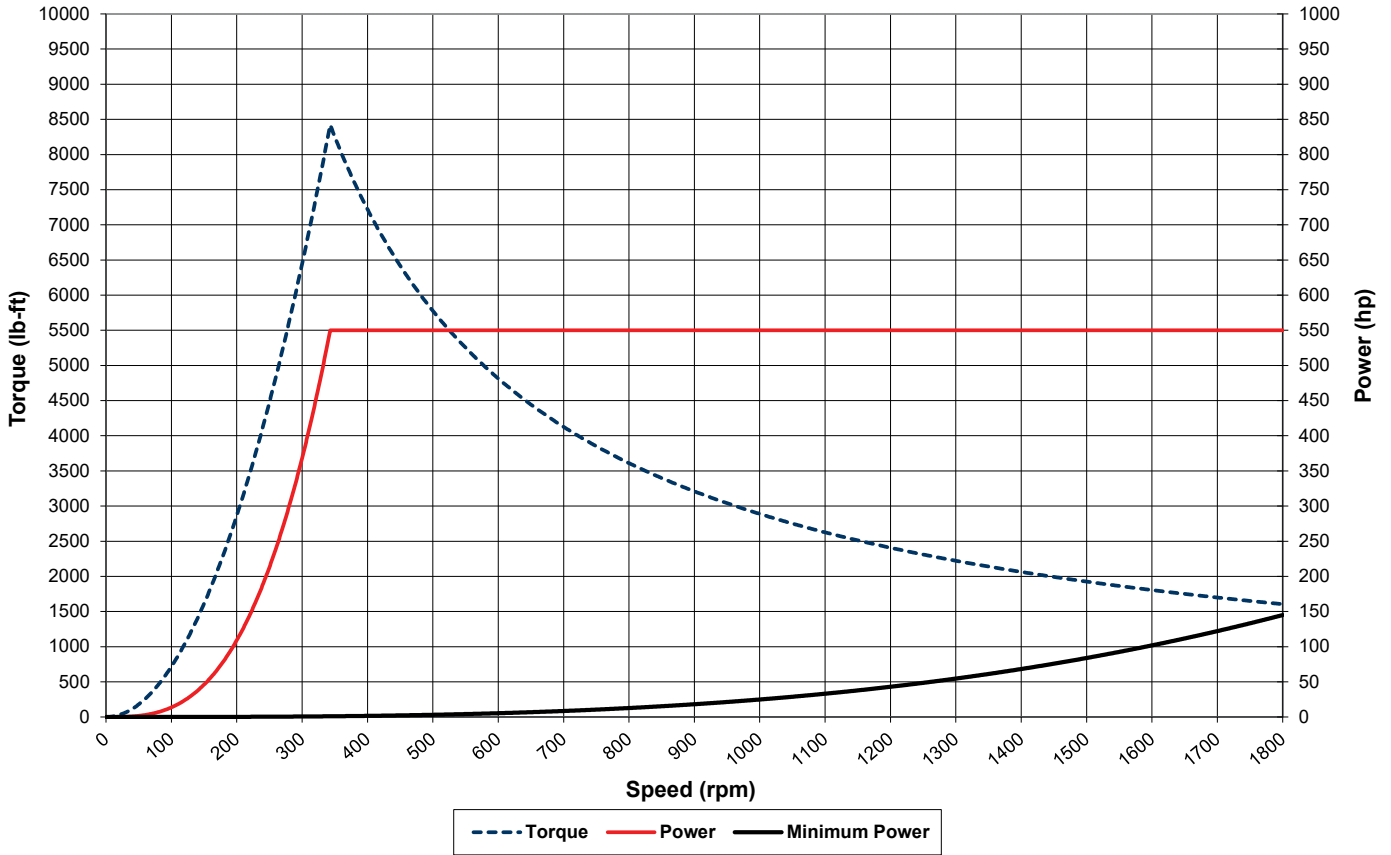


Design Services

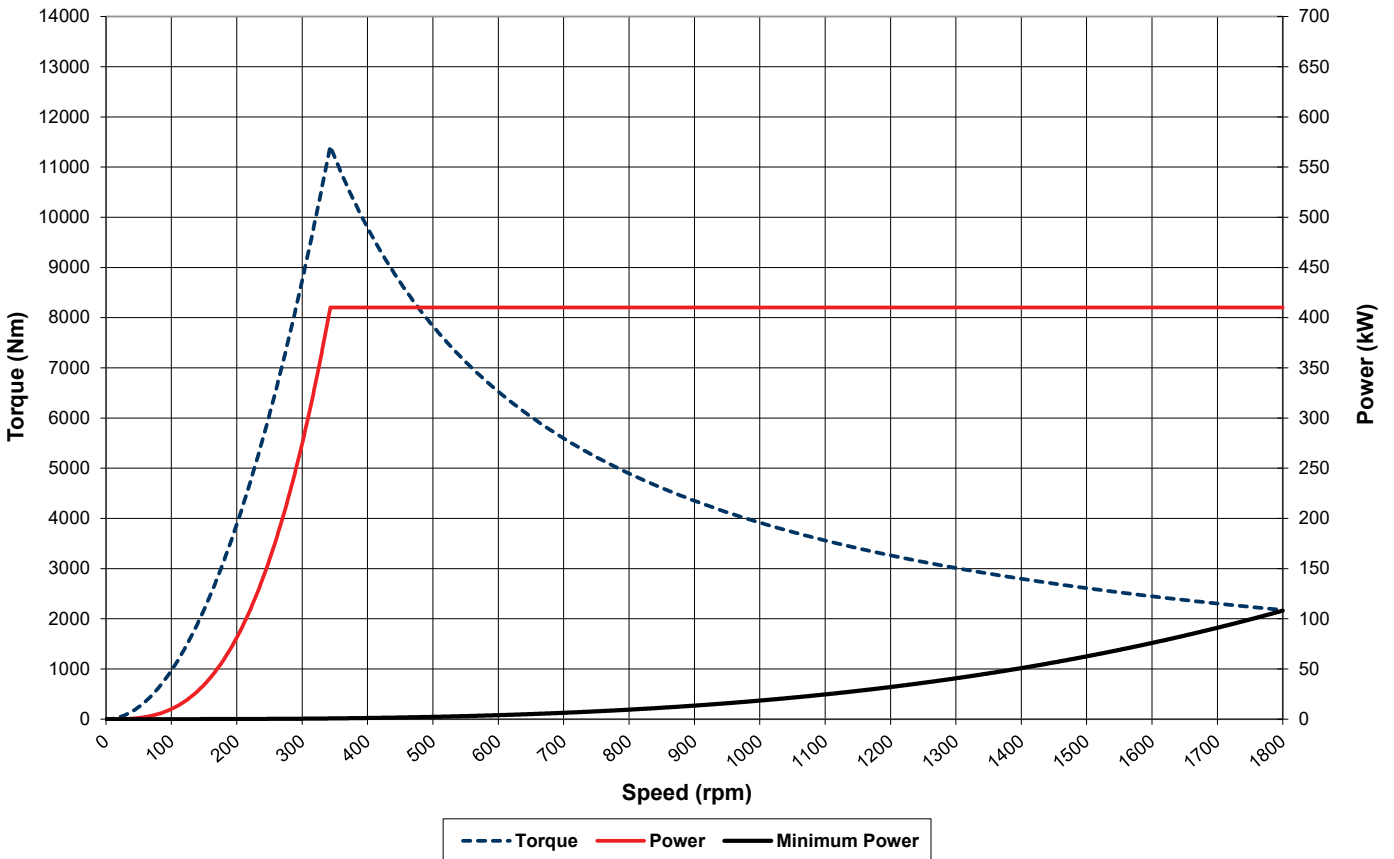


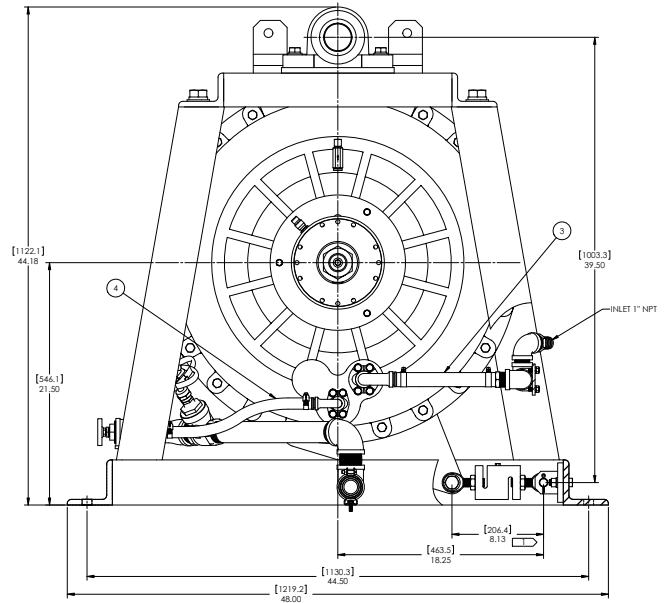
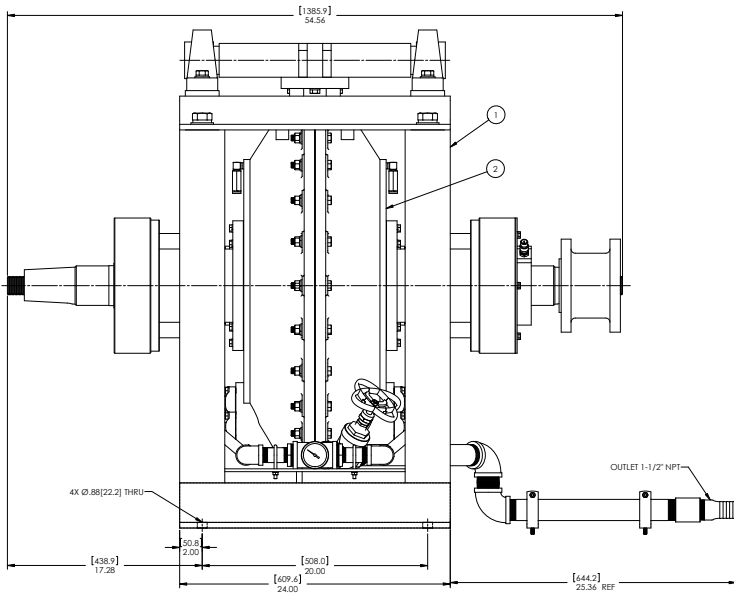
Commissioning, Start-up & Training

DL550 (US Customary)



DL550 (S.I.)





Specifications

Power:	550 hp (410 kW)
Torque:	8,422 lb-ft (11,418 Nm)
Speed:	1,800 rpm
Water Use*:	40 gpm (151.4 lpm)
Inertia Value**:	84.5 lb·ft ² (3.56 kg·m ²)
Shipping Weight:	1,543 lb (700 kg)

*No Cooling System

**With Companion Flange

As a safety precaution, Taylor Dynamometer recommends a torsional analysis to uncover any potential torsional problems that exist for each application. This analysis will identify any torsional issues (frequencies) that should be fixed prior to operation. Excessive linear vibration may also create problems that must be mitigated for continued operation. It is the customer's responsibility to ensure that these vibration issues are addressed upon application of the dynamometer. Equipment failures attributed to linear or torsional vibration are not warrantable.

Everything you need to succeed



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