



## DL8K / Engine Dynamometer

Image shown is for display only,  
actual dynamometer may vary.



## DL8K Water Brake Dynamometer

### Specifications

Power:	8,000 hp (5,966 kW)
Torque:	60,195 lb-ft (81,614 Nm)
Speed:	2,550 rpm
Water Use*:	582 gpm (2,203 lpm)
Inertia Value**:	317.9 lb·ft <sup>2</sup> (13.4 kg·m <sup>2</sup> )
Shipping Weight:	3,500 lb (1,587 kg)

\*No Cooling System

\*\*With Companion Flange

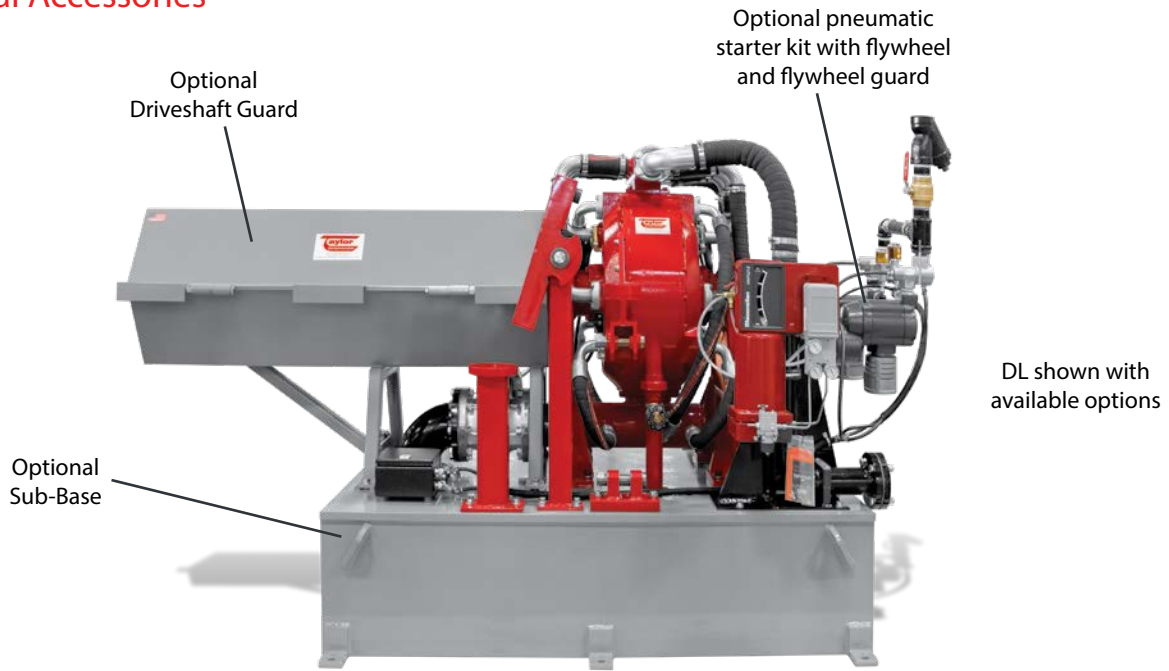
*For overhung loads, such as a belt or gear drive, please contact Taylor Dynamometer to ensure that the system will meet the required performance needs.*

### Recommended Accessories

- Driveshaft
- Driveshaft Guard
- Adapter Plate Kit
- Engine Cart
- Fuel Measurement Unit (FMU)
- Closed Loop Cooling Center
- Air Starter
- Throttle Control
- Water Recirculating System

**Total Test Success**

## Optional Accessories



DL shown with available options



Optional Fuel Measurement Unit



Optional Engine Cart



Optional Closed Loop Cooling Center

## Various Facility Support Systems and Services Available



Bulk Fuel Storage and Distribution



Coolant Storage and Distribution



Water Recirculation

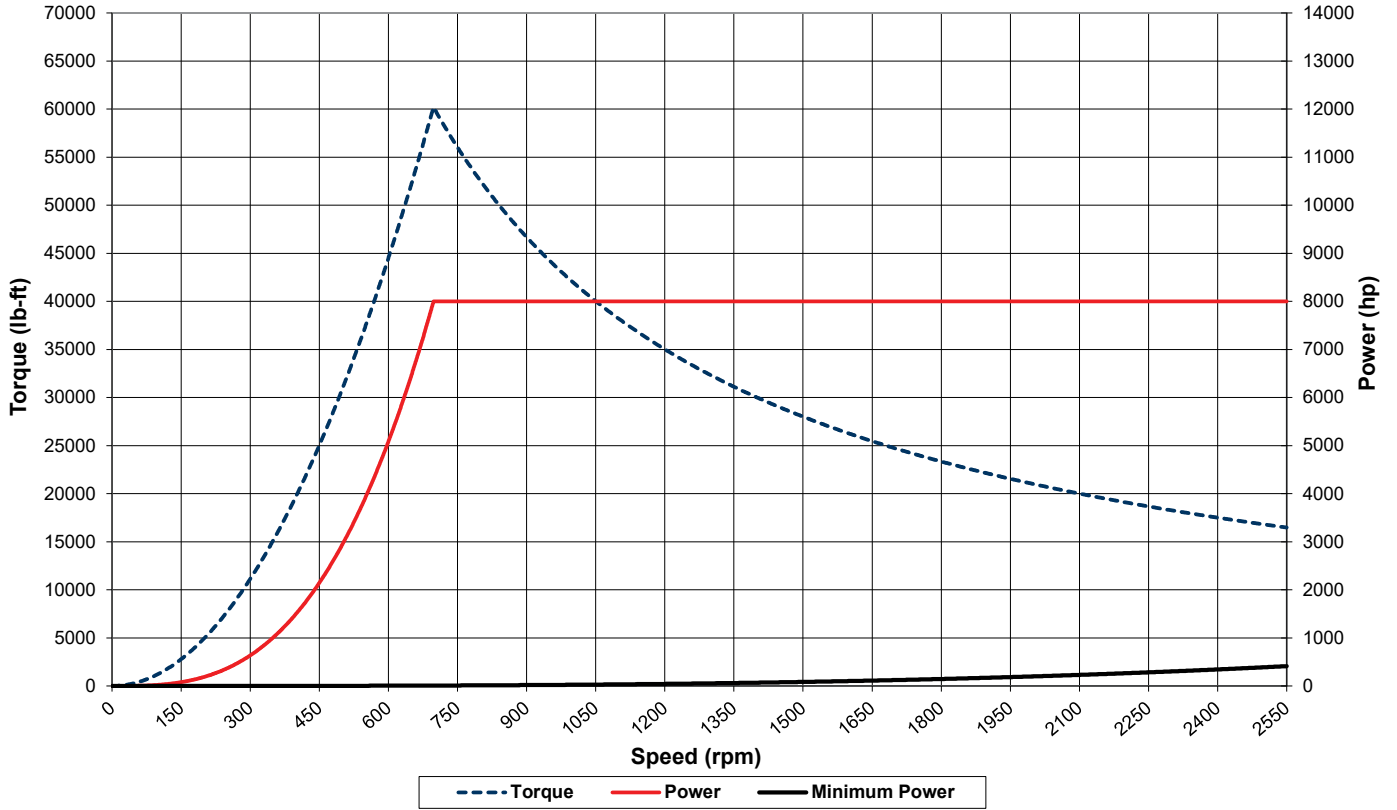


Design Services

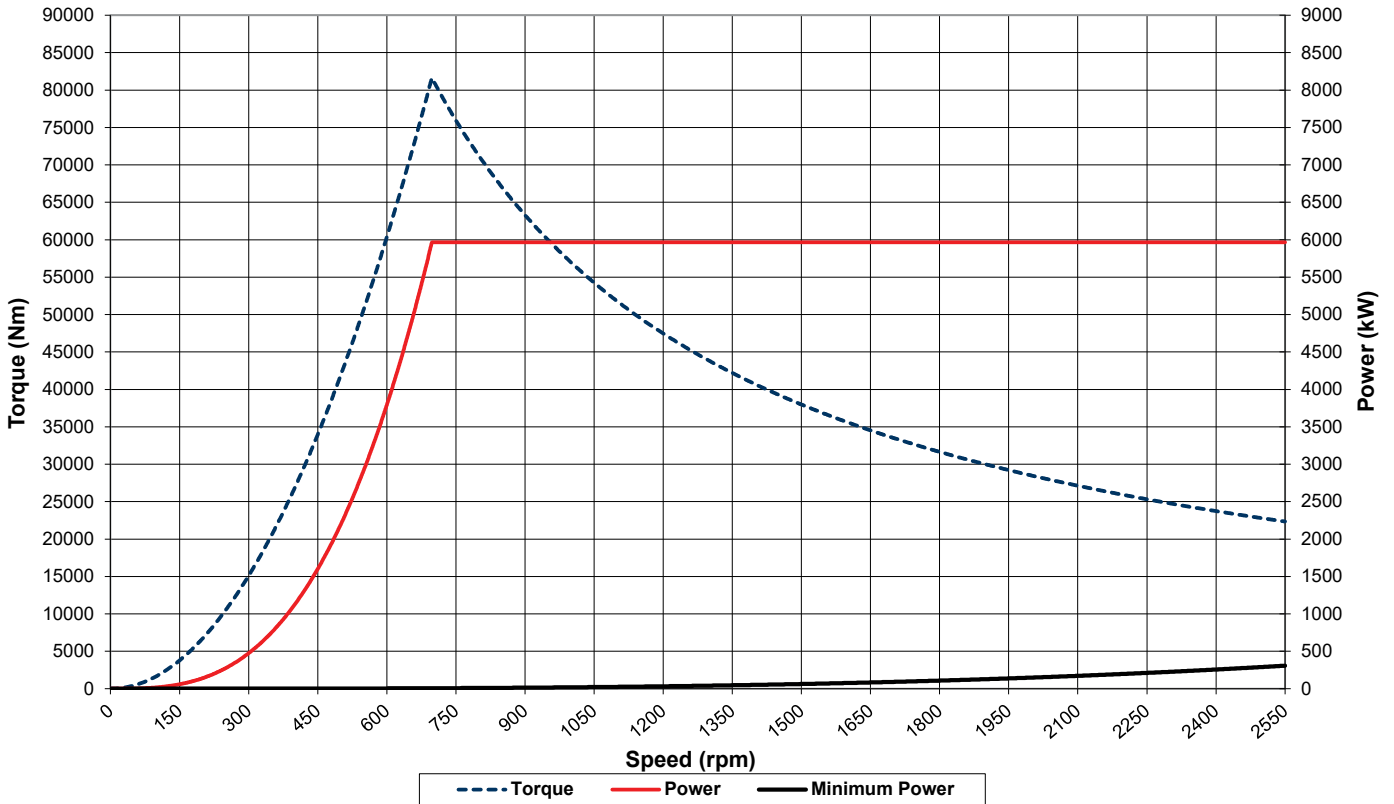


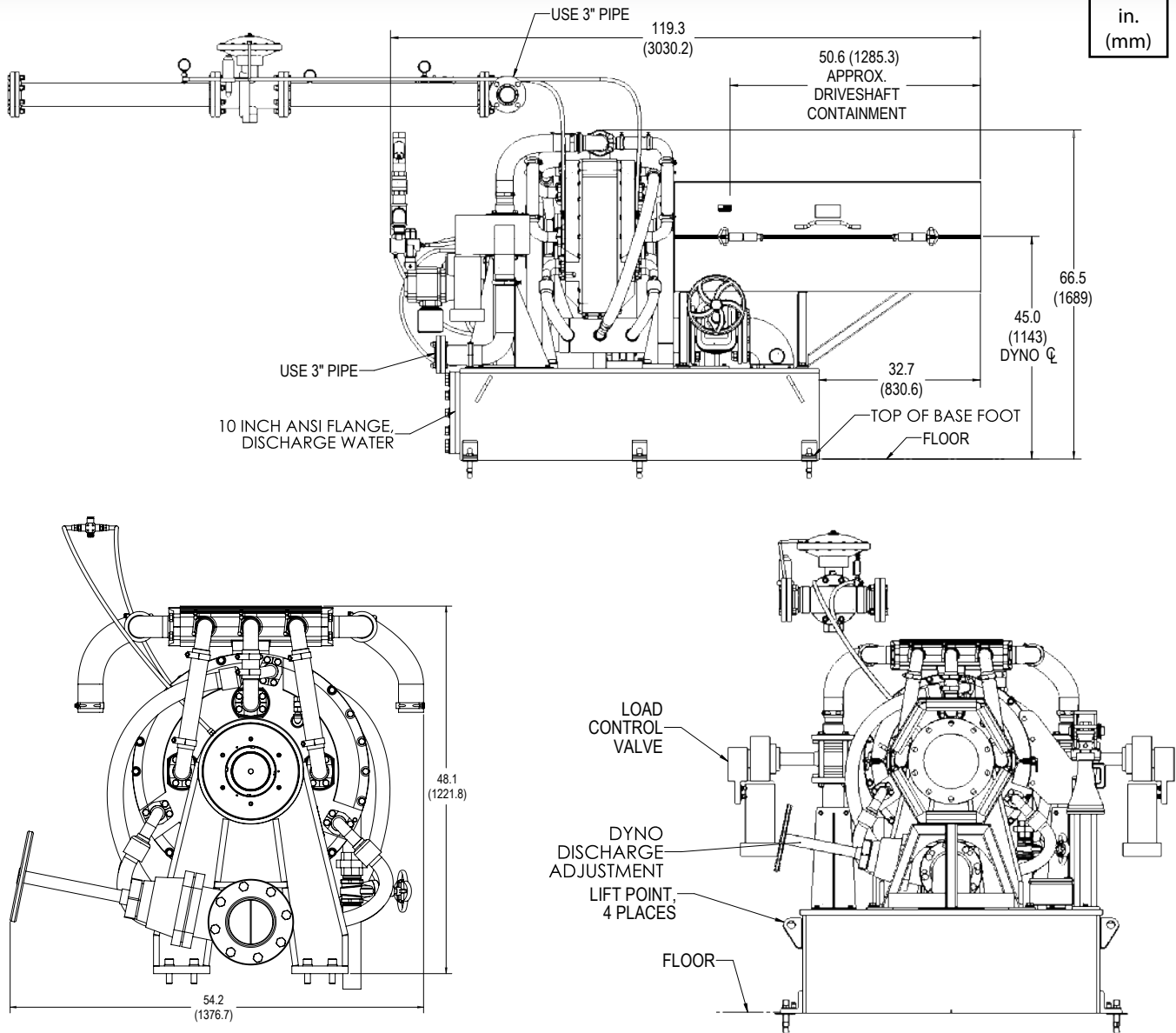
Commissioning, Start-up & Training

### DL8K (US Customary)



### DL8K (S.I.)





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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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