



DA509 / Engine Dynamometer



Image shown is for display only, actual DA509 AC Dynamometer may vary.

DA509 Air Cooled AC Dynamometer

Specifications

Power:	509 hp (379.6 kW)
Torque:	1,527 lb-ft (2,070.3 Nm)
Maximum Speed:	4,500 rpm
Constant Torque Range:	0 - 1,700 rpm
Constant Power Range:	1,700 - 3,000 rpm
Decreasing Power Range:	3,000 - 4,500 rpm
Rotation:	bi-directional

Recommended Accessories

- Base Kit
- Driveshaft
- Shaft Guard
- Engine Cart
- Adapter Plate Kit
- Charge Air Cooler
- Load Bank Configuration (Regenerative Drive Configuration is standard)
- Calibration Weights

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

As a safety precaution, Dyne Systems 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

Optional Accessories



Optional Closed Loop Cooling Center



Optional Charge Air Cooler



Optional Engine Cart



Optional Driveshaft Guard

Various Facility Support Systems and Services Available



Bulk Fuel Storage and Distribution



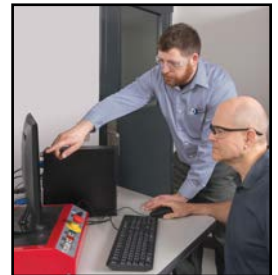
Coolant Storage and Distribution



Water Recirculation

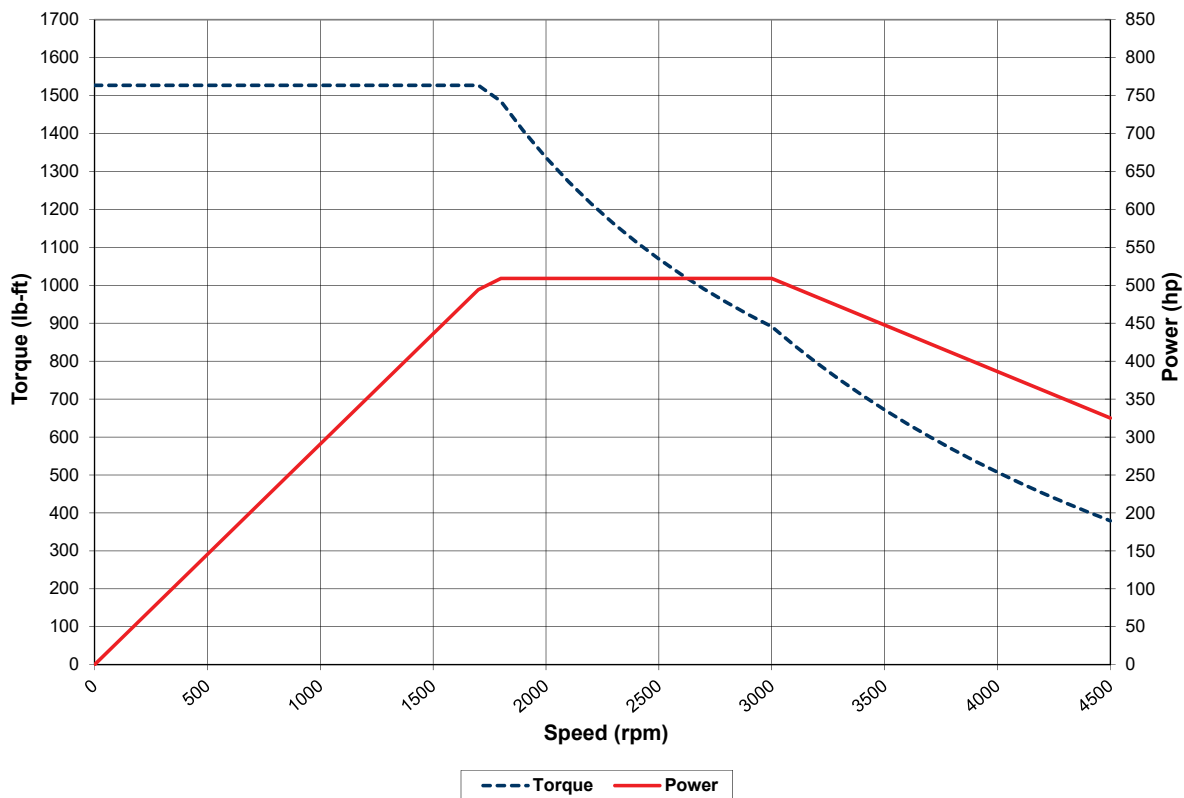


Design, Project & Construction Management Services

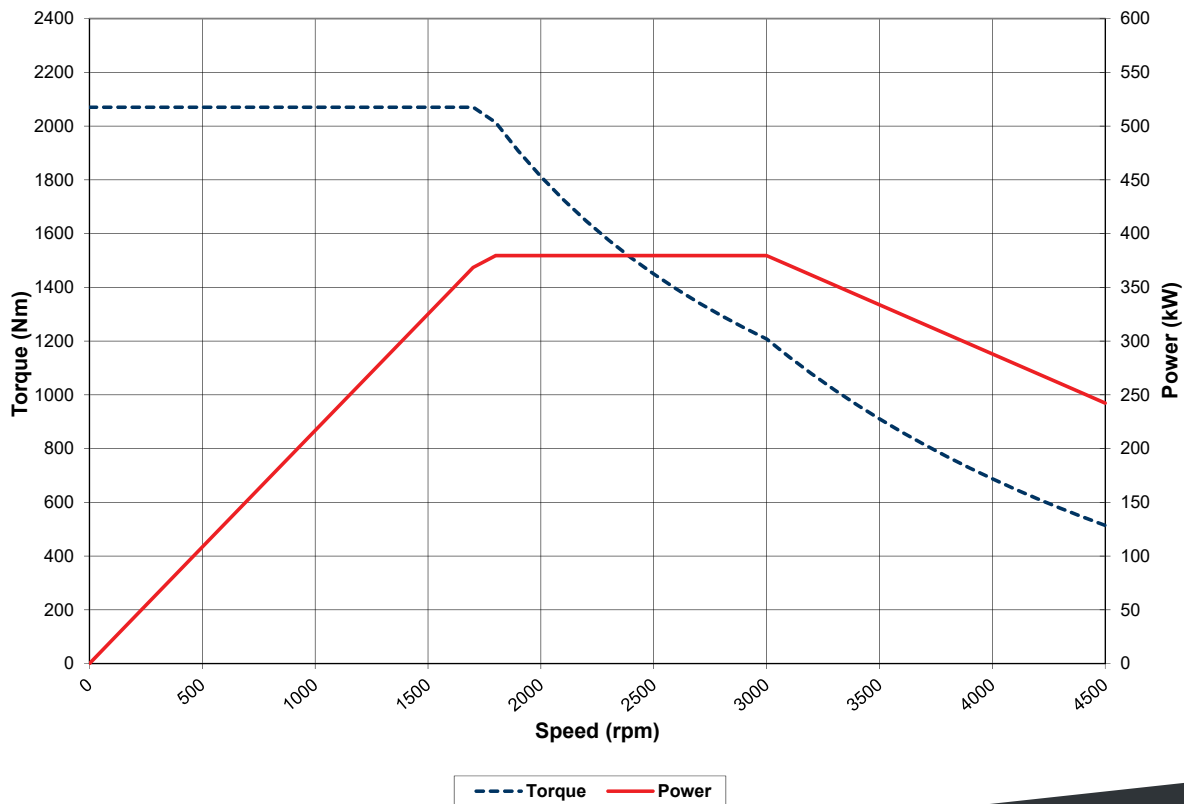


Commissioning, Start-up & Training

DA509 (US Customary)



DA509 (S.I.)



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Dyne Systems is a division of Taylor Dynamometer
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