DE30 / Engine Dynamometer

DE30 Eddy Current Engine Dynamometer

Specifications

- **Power:** 40 hp (30 kW)
- **Torque:** 70 lb-ft (95 Nm)
- **Speed:** 14,000 rpm
- **Water Use**: 10 gpm (37.9 lpm)
- **Inertia Value:** 0.40 lb-ft² (0.0168 kg·m²)
- **Shipping Weight:** 1,213 lb (550 kg)
- **Rotation:** bi-directional

*No Cooling 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.

Recommended Accessories

- Driveshaft
- Driveshaft Guard
- Cooling Column
- Engine Cart
- Charge Air Cooler
- Water Recirculating System

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

DE250 shown with optional sub-base and air starter

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, Project & Construction Management Services
Commissioning, Start-up & Training

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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.