DE80 / Engine Dynamometer

DE80 Eddy Current Engine Dynamometer

Specifications

- Power: 107 hp (80 kW)
- Torque: 118 lb-ft (160 Nm)
- Speed: 14,000 rpm
- Water Use*: 15 gpm (56.8 lpm)
- Inertia Value: 0.65 lb-ft² (0.0275 kg·m²)
- Shipping Weight: 1,213 lb (550 kg)
- Rotation: bi-directional

*No Cooling System

Recommended Accessories

- Driveshaft
- Driveshaft Guard
- Adapter Plate Kit
- Engine Cart
- Cooling Column
- 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.
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
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.