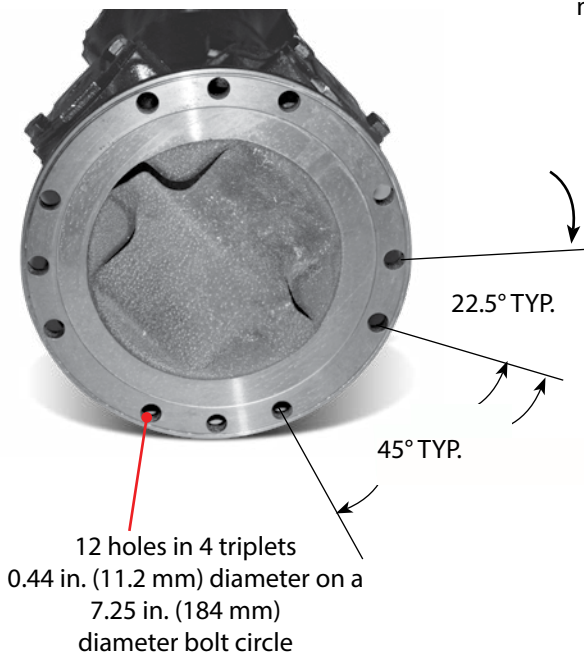




## 1810 Driveshaft / Engine Dynamometer

### Specifications

- Maximum Recommended Continuous Torque 3,800 lb-ft (5,152 Nm) with no angular misalignment and  $2^\circ \pm 1^\circ$  slope (parallel offset between 0.5 and 1.5 in. (13 and 40 mm))
- Maximum Recommended Load 6,500 lb-ft (8,800 Nm) with no angular misalignment and  $2^\circ \pm 1^\circ$  slope (parallel offset between 0.5 and 1.5 in. (13 and 40 mm))
- Minimum Elastic Limit 12,000 lb-ft (16,260 Nm) represents the maximum torque load the universal joint will transmit instantaneously without brinelling bearings or yield in any part
- Maximum Allowable Speed 4,500 rpm
- Dynamically balanced
- Weight 100 lb (45 kg)



28.50 in. (724 mm)  
minimum collapsed

31.88 in. (810 mm)  
maximum extended



*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. Equipment failures attributed to linear or torsional vibration are not warrantable.*

**Everything you need to succeed**



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