

WINCH/HOIST BRAKE DATA SHEET

(Specify Metric or Imperial Units)



Customer: _____ Date: _____ Ref. No. _____

Address: _____

City: _____ State/Prov./County: _____ Zip: _____

Attention: _____ Tel: () _____ Fax: () _____

Type of Winch/Hoist: _____ Qty: _____

Prime Mover, Type _____ HP _____ kW _____ RPM _____

Speed reduction @ braked shaft/drum _____ Drum Driven Inhaul RPM _____

Drum PD _____ Mid-Drum Dia. _____ Max. Drum Dia. _____ Max. Drum RPM _____

Cable Size _____ Max. Line Pull _____ Reeving Parts _____ Max Line Speed _____

Max. Load @ Hook _____ Max. Speed @ Hook _____ Max. Stopping Distance @ Hook _____

Total Rotating WK², lb-ft²/kg-m² _____ @ Drum _____ @ Brake

Brake Torque req'd, lb-ft/Nm _____ Stopping _____ Holding _____ Tensioning

Brake Energy/application, HP/kW: _____ for _____ sec. **OR** _____ Continuous

Max. No. Brake Applications _____ /5 min. _____ /hr _____ /day _____ /year

Brake Response Times _____ sec to set _____ sec to stop load _____ sec tensioning

Complete operating cycle of brake _____

Number of discs required/allowed/shaft or drum _____ Number of calipers/disc _____

Location of disc: On Drum _____ Drum Spigot _____ Coupling Flange _____ Other _____

Disc O.D. _____ Min I.D. _____ Thickness _____ Mat'l _____

Disc Mounting: Plain _____ c/w holes _____ spigot _____ split _____

Describe _____

Disc bolts to be supplied _____ Diameter _____ Length _____ Grade _____ Qty _____

Calipers to be: Air _____ Hyd _____ applied/spring released **OR** spring-applied Air _____ Hyd _____ released

Other _____

Limit switches required to indicate release/wear/other _____ Qty _____ Type _____

Non-std. Caliper mat'ls/coatings: _____

Codes/Standards: _____ F.S. _____

Ambient temperature, C°/F° _____ Max. _____ Min. _____ Humidity, % _____

Atmosphere/Environment: _____

Caliper Mounting Foot//Side/Other: _____

Available power: Main _____ Volt _____ Ph _____ Hz; Control _____ Volt _____ Ph _____ Hz

Air - _____ psi _____ cfm _____ kPa _____ lpm

Hyd - _____ psi _____ usgm _____ kPa _____ lpm

Brake power package required: _____

Remarks and Special Considerations: _____
