

PROPULSION BRAKE DATA SHEET

(Specify Metric or Imperial Units)



Customer: _____ Date: _____ Ref. No. _____

Address: _____

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

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

Type of vessel: _____ No. vessels _____ No. shafts/vessel: _____

Prime Mover, Type _____ HP _____ kW _____ RPM _____

Speed reduction @ braked shaft _____ Shaft RPM _____ Vessel Speed _____

Propeller O.D. _____ Pitch _____ Rotating WK² @ Shaft, lb-ft²/kg-m² _____

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

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 _____ Number of calipers/disc _____

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

Location of disc on shaft: Between flanges _____ Face of flange _____ Other _____

Shaft dia. _____ Flange O.D. _____ Flange Thickness _____

Flange bolt circle dia. _____ Bolt dia. _____ Grade _____ Qty. _____ Length _____

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: _____

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: _____

