



AFS-05 Rev 2. 7/2018

General Information	
Company Name:	Date:
Contact Name:	Title:
Address:	Division:
City, ST, Zip:	Phone: Ext.:
E-Mail:	Fax:
<b>Application Description:</b> _____ _____ _____	

<b>Driving Unit, Brand / Model:</b> _____			<b>Driven Unit, Brand / Model:</b> _____			
<input type="checkbox"/> Main Engine	<input type="checkbox"/> Auxiliary Engine	<input type="checkbox"/> Electric Motor	<input type="checkbox"/> Thruster	<input type="checkbox"/> Winch	<input type="checkbox"/> Draw Works	<input type="checkbox"/> Other
<input type="checkbox"/> Hydraulic Motor	<input type="checkbox"/> Combustion Engine	<input type="checkbox"/> Other				
Power Rating: _____ <input type="checkbox"/> HP <input type="checkbox"/> kW			Starting Torque (Max) ____ <input type="checkbox"/> lb.-ft. ____ <input type="checkbox"/> Nm    @    RPM _____			
Max Torque: _____ <input type="checkbox"/> lb.-ft. <input type="checkbox"/> Nm    @    RPM _____			Power Rating: _____ <input type="checkbox"/> HP <input type="checkbox"/> kW    @ _____ RPM			
<b>Deductions From Gross Power of Driving Unit:</b>			Running Torque (Max) ____ <input type="checkbox"/> lb.-ft. ____ <input type="checkbox"/> Nm    @    RPM _____			
<input type="checkbox"/> Fan _____ <input type="checkbox"/> Pump 1 _____ <input type="checkbox"/> Pump 2 _____ <input type="checkbox"/> Other _____         = Total _____						

<b>Conditions at Engagement:</b>	Ambient Temperature of Operating Environment _____°F _____°C
<input type="checkbox"/> Stationary <input type="checkbox"/> Full Load <input type="checkbox"/> Without Load	Engine / Gearbox Operating Temperature _____°F _____°C
Max RPM While Engaged:	Time Engaged (%):
Max RPM While Disengaged:	Time Disengaged (%):
Engagement Frequency (Per Hour):	Period of Acceleration (seconds):

<b>Conditions During Engagement / Load Type :</b>		<input type="checkbox"/> Constant	<input type="checkbox"/> Pulsating	<input type="checkbox"/> Light Shock	<input type="checkbox"/> Heavy Shock
<b>Survey Requirement:</b>	<input type="checkbox"/> ABS	<input type="checkbox"/> DNV	<input type="checkbox"/> LLOYD's	<input type="checkbox"/> Other	<input type="checkbox"/> None

<p><b>Marine Propulsion</b></p> <p>Power and speed of prime mover _____ HP _____ kW _____ RPM</p> <p>Fixed or variable pitch propeller _____</p> <p>Mounting (shaft to shaft, quill shaft, coupling) _____</p> <p>Overspeed requirement _____</p> <p>Inertia to be accelerated including entrained water _____</p> <p>Breakaway torque of shafting _____ lb.in _____ Nm</p> <p>Engagement / idle speed of prime mover _____ RPM</p> <p><b>Winches</b></p> <p>Motor power and speed _____ HP _____ kW _____ RPM</p> <p>Gear ratios: Stall torque _____ lb.in _____ Nm</p> <p style="padding-left: 40px;">Max cable pull _____ lb.in _____ Nm</p> <p>Cable payout/inhaul speeds _____ ft/min _____ ft/min</p> <p style="padding-left: 100px;">_____ m/min _____ m/min</p> <p><b><i>Mounting arrangement - please provide sketch or electronic file.</i></b></p>	<p><b>Clutch Actuation and Lubricant / Coolant Requirement</b></p> <p>CH/HPC Clutches are intended for use inside gearboxes. In some instances it may be possible to run CH/HPC clutches dry. In those instances, a cover/housing must be used to minimize contamination and corrosion problems.</p> <p> <input type="checkbox"/> Pneumatic Actuation      <input type="checkbox"/> Hydraulic Actuation  <input type="checkbox"/> Dry      <input type="checkbox"/> Splash Oil      <input type="checkbox"/> with Through Shaft Oil Cooling  <input type="checkbox"/> with Intensive Through Shaft Oil Cooling         </p> <p><b>Machine Description / Comments / Additional Details:</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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<b>Commercial Data:</b>			
Project Only	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Quantity Required _____
Product Line	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Annual Volume _____
Target Price Per Unit	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, indicate price _____
<b>Type of Proposal:</b>			
Current Production	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Current Brand Used: _____
Feasibility (layout drawing + target price)		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Immediate Need	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Target Price: _____ \$ U.S.

**Actuation Pressure:** A fixed orifice pressure regulating valve must be specified in the system to prevent over or under-pressurization of any Logan Clutch PTO. The Logan warranty does not cover clutch failure due to over or under-pressurization. The highest pressure values on Logan Sales Drawings are maximum ratings for Logan Clutches.

**Torsional Damping Devices for Logan Products:** Torsional compatibility tests rest solely with the OEM, Distributor, and End user. Logan accepts no liability for premature failure of Logan products due to Torsional Vibration or Vibratory Torque. It is the buyer's responsibility to specify this option, which can result in additional cost and increase in installation length. Logan will not accept any liability for personal injury, loss of life, damage or loss of property due to the failure of the buyer or installer to properly apply or install Logan products.

Logan Clutch Corporation reserves the right to modify product specifications and designs without notice and without incurring obligations. Torque values are based upon either wet disc packs or dry disc packs, with full contact between surfaces, depending upon the product or application. All rotating components present a potentially hazardous condition and should be guarded in accordance with OSHA requirements and other applicable laws, regulations and industrial standards. See Logan Terms and Conditions for more detail.

**SAVE to YOUR Desktop  
Then Click on Submit**

**I agree that the stated specification accurately and fully describes the vehicle or system for which a Logan product is being considered.**

**Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date Submitted:** \_\_\_\_\_ **Revision Level:** \_\_\_\_\_

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**SUBMIT**  
sales@loganclutch.com