

Bell Housing PTO Clutch - Application Fact Sheet

General Information

Company Name:	Date:
Contact Name:	Title:
Address:	Division:
City, ST, Zip:	Phone: Ext.:
E-Mail:	Fax:

Driving Unit, Brand / Model:* _____	Driven Unit, Brand/Model:* _____ Max Driven Inertia: _____
<input type="checkbox"/> Main Engine <input type="checkbox"/> Auxiliary Engine	<input type="checkbox"/> Pump <input type="checkbox"/> Compressor <input type="checkbox"/> Auger <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*
Deductions From Gross Power of Driving Unit:	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 _____	

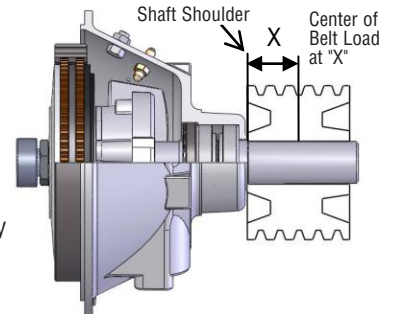
Conditions at Engagement:	Engagement Frequency (Per Hour):
<input type="checkbox"/> Stationary <input type="checkbox"/> Full Load <input type="checkbox"/> Without Load	Time Engaged:
Max RPM While Engaged:	Time Disengaged:
Max RPM While Disengaged:	Period of Acceleration (Seconds):
Max RPM at Time of Engagement:	Ambient Temperature of Operating Environment _____°F _____°C
Actuation Pressure:* ___ PSI ___ Bar <input type="checkbox"/> Hydraulic <input type="checkbox"/> Pneumatic <input type="checkbox"/> None: Quote Power Pack Unit* <input type="checkbox"/> 24 VDC <input type="checkbox"/> 12 VDC <input type="checkbox"/> 120 VAC	
Conditions During Engagement / Load Type : <input type="checkbox"/> Constant <input type="checkbox"/> Pulsating <input type="checkbox"/> Light Shock <input type="checkbox"/> Heavy Shock	

Clutch Mounting Requirements:*

SAE Housing Size: _____ SAE Flywheel Size: _____ Pilot Bearing O.D.: _____

Output Configuration Required: _____ Shaft/O.D., Key: _____

<p>Power Transmission Through:*</p> <p><input type="checkbox"/> Side Load <input type="checkbox"/> In-Line</p> <p>Side Load Analysis:</p> <p>1. Driving Pulley/Sheave Dia: <input type="checkbox"/> inch <input type="checkbox"/> mm _____</p> <p>2. "X" Distance (note illustration): <input type="checkbox"/> inch <input type="checkbox"/> mm _____</p> <p>3. Driven Pulley/Sheave Dia: <input type="checkbox"/> inch <input type="checkbox"/> mm _____</p> <p>4. Pulley Type: <input type="checkbox"/> Chain/Gear <input type="checkbox"/> Timing Belt</p> <p style="padding-left: 20px;"><input type="checkbox"/> V-Belt <input type="checkbox"/> Flat Belt</p> <p>5. Side Load (lbs): _____</p>	<p>Load Factor:</p> <p>1.0 For Chain or Gear Drive</p> <p>2.5 For All v-Belts</p> <p>3.5 For Flat Belts</p> <p>For Reciprocating Compressors and Other Severe Shock Drives, Multiply Load Factors by 2.1</p>
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Machine Description / Comments / Additional Details: _____

Commercial Data:			
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	_____
Type of Proposal:			
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.

*Min. Required Info

CUSTOMER ACCEPTANCE:

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: _____

SUBMIT
sales@loganclutch.com