**Logan Clutch Corporation**®
manufacturers of clutches and brake products

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# SAE 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:** _____ |
|---|---|
| ☐ Main ☐ Electric Motor ☐ Transmission | ☐ Pump ☐ Compressor ☐ Auger |
| ☐ Auxiliary ☐ Combustion Engine ☐ Hydraulic Motor | ☐ Via Drive Shaft ☐ Other _____ |
| ☐ Electric Motor ☐ Other | Starting Torque (Max) ____ ☐ lb.-ft. ___ ☐ Nm @ RPM _____ |
| If Combustion Engine: Torsional Coupling Installed: ☐ Yes ☐ No | HP Rating @ RPM |
| Power Rating: _____ ☐ HP ☐ kW | Running Torque (Max) ____ ☐ lb.-ft. ___ ☐ Nm @ RPM _____ |
| Max Torque: _____ ☐ lb.-ft. ☐ Nm @ RPM _____ | If Pump: _____ GPM @ _____ PSI |

**Deductions From Gross Power of Driven Unit:**
☐ Fan _____ ☐ Pump 1 _____ ☐ Pump 2 _____ ☐ Other _____ = Total _____

| **Conditions at Engagement:** | Engagement Frequency (Per Hour): |
|---|---|
| ☐ Stationary ☐ Full Load ☐ 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 ☐ Hydraulic ☐ Pneumatic ☐ None: Quote Power Pack Unit ☐ 24 VDC ☐ 12 VDC ☐ 120 VAC

**Conditions During Engagement / Load Type :** ☐ Constant ☐ Pulsating ☐ Light Shock ☐ Heavy Shock

**Clutch/Brake Mounting Requirements:**

Lubrication ☐ Central System _____ PSI and Back Pressure to Tank _____ PSI ☐ Self-Contained

Case Pressure at Input or Output: ☐ Yes ____ PSI ____BAR ☐ None

Male (Input) Side Mounting Flange SAE ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ Two Bolts ☐ Four Bolts Other: _____

Female (Output) Side Mounting Flange SAE ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ Two Bolts ☐ Four Bolts Other: _____

Male (Input) Side Shaft Details _____

Female (Output) Side Shaft Details _____

Installed: ☐ Vertically ☐ Horizontally ☐ Horizontally with Pitch: _____ ° MAX ☐ Output Up ☐ Input Up

**Machine Description / Comments / Additional Details:** _____

_____

| **Commercial Data:** | | | |
|---|---|---|---|
| Project Only | ☐ Yes ☐ No | Quantity Required | _____ |
| Product Line | ☐ Yes ☐ No | Annual Volume | _____ |
| Target Price Per Unit | ☐ Yes ☐ No | If yes, indicate price | _____ |
| **Type of Proposal:** | | | |
| Current Production | ☐ Yes ☐ No | Current Brand Used: | _____ |
| Feasibility (layout drawing + target price) | ☐ Yes ☐ No | | |
| Immediate Need | ☐ Yes ☐ 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.

**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:** _____

SAVE to YOUR Desktop
Then Click on Submit

SUBMIT
sales@loganclutch.com