



Date _____

Application Data Sheet

(for Multiple Disc Clutches)

Confidential
You incur no obligation by submitting this data and the non-public information provided will be held in confidence by MICO, Inc.

This data sheet must be completed in its entirety for warranty consideration

Name _____ Title _____

Company _____

Address _____ City _____ State _____ Zip _____

Fax _____ Phone _____ Country _____

Email _____

Are you currently working with a MICO Distributor? Yes No If yes, which one and who is the contact? _____

Estimated Annual Quantity _____

Is this a military application? Yes No If yes, what is the destination country? _____

Is this an underground coal mine application? Yes No

SPECIFICATIONS

Type of vehicle or machine _____ Name and model number _____

Gross vehicle weight _____ Maximum speed _____

Engine HP Maximum torque @ _____ RPM

Tire or wheel size: front _____ rear _____

Loaded rolling radius: front _____ rear _____

Type of clutch application (auxiliary unit; main drive line, etc.) _____

Is this application required to conform with recommended practices or standards, if so which ones? _____

DRIVING UNIT (engine, hydraulic motor, etc.)

Maximum torque @ _____ RPM HP @ _____ RPM

Type _____ Make and model _____

DRIVEN UNIT (pump, compressor, etc.)

Type _____ Model _____ HP rating @ _____ RPM

Starting torque: Maximum @ _____ RPM Normal @ _____ RPM

Running torque: Maximum @ _____ RPM

CLUTCH OPERATING REQUIREMENTS

Frequency of engagement and disengagement once / _____ Desired life _____ hours

Time engaged _____ Time disengaged _____ RPM while disengaged _____

RPM range _____ RPM minimum _____ RPM maximum while engaged _____

SYSTEM

Actuating pressure available _____ Actuating flow available _____

Actuation method _____ (i.e., 4-way valve, 2-2a6 valve, etc.)

Back pressure in actuating system to clutch when disengaged _____

Type actuating fluid _____ Pressure in cooling system _____

Cooling flow available _____ minimum _____ maximum

Cooling fluid temperature maximum expected _____

Actuating fluid temperature maximum expected _____

CLUTCH MOUNTING REQUIREMENTS

Clutch input side mounting pilot SAE callout A B C D M

Clutch output side mounting pilot SAE callout A B C D M

Clutch input side spline/keyed shaft designation _____ Internal External

Clutch output side spline/keyed shaft designation _____ Internal External

Provide a sketch of the hydraulic circuit (if possible) or attach a file

Proposals will be made on the basis of the information provided. Subsequent customer engineering changes affecting the above could make our proposal invalid.

NOTICE

Component and system recommendations made by MICO, Inc. are based on information supplied by you. MICO, Inc. does not independently confirm or test information supplied, or test the applicability of components or system recommendations. All recommendations are based on theoretical application of MICO Products based on the information you provide. Actual results may vary based on actual use conditions or inaccuracies in provided information. You must finally accept and approve recommended components and systems after you test the performance of the recommended system and components in actual applications for which the system was designed and in which it is operated. MICO, Inc. reserves the right to reject any orders for components and systems not so accepted and approved. No component or system recommendation is intended to be or shall be construed as an express warranty by MICO, Inc. All MICO Products and services are sold and provided subject to the MICO Warranties set forth at www.mico.com in effect on the date of sale or supply.

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Innovative Braking and Controls Worldwide

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