



Date _____

Application Data Sheet

(for Reverse Modulating Brake Valves)

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

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

HYDRAULIC SYSTEM CHARACTERISTICS

Attach any available hydraulic system schematics relevant to full power actuation circuits.

Maximum pump flow _____ Minimum pump flow _____
Pump type: Gear Vane Piston Manufacturer and model number _____
Load Sensing: Yes No Standby _____
Internal bleed down: Yes No Relief valve _____
Oil names and numbers _____ Filtration _____ microns
Operating temperature range: Minimum _____ Normal _____ Maximum _____
Flow required for components other than brake valve _____
What is the function of other components? _____

VEHICLE SPECIFICATIONS

Type of vehicle or machine _____ Name and model number _____
Gross vehicle weight _____ Empty vehicle weight _____
Weight distribution loaded: front _____ or % Rear _____ or %
Rolling radius: front _____ rear _____
Maximum loaded speed (level) _____ Maximum grade in favor of load _____ %
Rate of deceleration desired: Stop in _____ from _____ or _____
Is this application required to conform with recommended practices or standards, if so which ones?

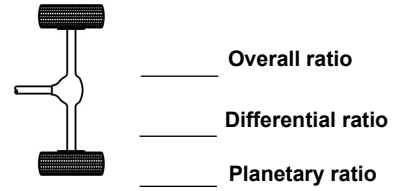
BRAKE SYSTEM SPECIFICATIONS

Attach any available brake performance specifications.

Is accumulator used? Yes No Type _____ Precharg _____
Brake type: Multiple disc Caliper disc _____ diameter rotor Other _____
Brake name and model number _____
Actuation volume requirements (per brake):
New lining _____ maximum Worn lining _____ maximum
Brake torque capacity (per brake): _____ at _____
Maximum brake release pressure _____ Initial brake release pressure _____

Indicate brake relation within axle to gear train (use diagram):

- Brake mounted on driveline
- Brake mounted between differential and planetary ratio
- Brake wheel end out board of planetary ratio



Number of brakes _____ Number of axles _____

Desired time for brake actuation (if know) _____

Maximum frequency of stops _____ per minute

Plumbing: Consult MICO for sizing or hydraulic plumbing as it applies to the service brake actuator. If plumbing has been sized list below.

Service brake valve supply line _____

Return line from service brake valve _____

Brake lines from service brake valve _____

NOTE: All hoses should be identified in terms of inside diameter and length. A circuit schematic will be necessary to properly define these hoses.

Comments

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.

MICO is a trademark and registered trademark of MICO, Inc. MICO is registered in the U.S. Patent and Trademark Office as well as in Australia, Canada, Indonesia, Japan, Peoples Republic of China, South Korea, and the European Community.



MICO, Inc.
1911 Lee Boulevard / North Mankato, MN U.S.A. 56003-2507
Tel: +1 507 625 6426 Fax: +1 507 625 3212