



Date _____

Application Data Sheet (for Brake Valve Systems)

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? _____

SPECIFICATIONS MOBILE EQUIPMENT

Duty cycle _____
Type of brake actuation: Hydraulic Mechanical Air Spring set hydraulic release
Other _____
System fluid used: DOT 3 or 4 brake fluid Mineral oil base Water base Synthetic base
Fluid manufacturer and brand name _____ Continue . . .

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BRAKE VALVE REQUIREMENTS

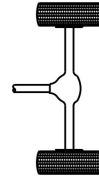
Attach any available brake performance specifications.

Brake type Caliper Drum In axle Number per vehicle _____

Self adjusting: Yes No

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



_____ Overall ratio
_____ Differential ratio
_____ Planetary ratio

Caliper brake characteristics:

Piston diameter _____ Number of pistons per caliper side _____

Maximum stroke _____, or area _____

Piston pretravel _____ to contact disc

Maximum allowable pressure _____ Rotor diameter _____

Volume requirements (per brake):

New lining _____ maximum Worn lining _____ maximum

Brake torque capacity (per brake): _____ at _____

Manufacturer _____ Model number _____

Drum brake characteristics:

Type _____ Brake size (diameter and width) _____ x _____

Wheel Cylinder: Diameter _____ Number _____

Piston travel _____ to contact drum

Actuation volume requirements (per brake):

New lining _____ maximum Worn lining _____ maximum

Brake torque capacity (per brake): _____ at _____

Maximum allowable pressure _____

Manufacturer _____ Model number _____

In Axle brake characteristics:

Maximum allowable pressure _____

Axle manufacturer _____ Axle model number _____

Brake type: Dry Multiple Disc Wet Multiple Disc

Actuation volume requirements (per axle):

New lining _____ maximum Worn lining _____ maximum

Brake torque capacity (per brake): _____ at _____

Required number of vehicle stops without main hydraulic system pressure _____

Type of fluid used with brakes _____

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

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