MICO®

Distributed by:

KRAFT FLUID SYSTEMS

www.kraftfluid.com
800-257-1155 ● FAX 440-238-5266
Email: csdept@kraftfluid.com

Submit by Email

Print Form

Application Data Sheet

(for Reverse Modulating Brake Valves)

Date _____

(confidential)

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

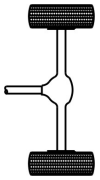
Brake torque capacity (per brake): _____ at _____

Maximum brake release pressure _____ Initial brake release pressure _____

Continued . . .

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**

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.

NOTICE

Component and system recommendations made by MICO, Incorporated are based on information supplied by potential user and/or system designer. The potential user and/or designer must make final acceptance and approval of components and system after testing performance on an actual application for which system was designed.

Innovative Braking and Controls Worldwide

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

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