

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 ZF.

Name	Title		
Company			
Address			Zip
Fax	Phone	Country	
Email		_	
Are you currently working with a ZF Off-H	ghway Distributor?	If yes, which one and who i	s the contact?
Estimated Annual Quantity			
Is this a military application? Yes	No If yes, what is the des	stination country?	
Is this an underground coal mine application	on? Yes No		
HYDRAULIC SYSTEM CHA	ARACTERISTICS		
Attach any available hydraulic s		o full power actuation ci	rcuits.
Maximum pump flow	Minimum p	ump flow	
Pump type: Gear Vane			
	Standby		
	No Relief valve		
Oil names and numbers			microns
Operating temperature range: Minimum _			
Flow required for components other than I	orake valve		
What is the function of other components'	?		
VEHICLE SPECIFICATION	 S		
Type of vehicle or machine	Name and model num	ber	
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	
s this application required to conform with	recommended practices or standards.	if so which ones?	
BRAKE SYSTEM SPECIFIC			
Attach any available brake perf	•		
	No Type	Precharg	
Brake type: Multiple disc Ca	liper disc diameter	rotor Other	
Brake name and model number			
Actuation volume requirements (per brake			
New lining maximu	<u> </u>	maximum	
Brake torque capacity (per brake):			
Maximum brake release pressure	Initial brake relea	se pressure	

Indicate brake relation within axle to g	ear train (use diagram):	(<u> </u>	
Brake mounted on driveline			Overall ratio
Brake mounted between	Brake mounted between differential and planetary ratio		Differential ratio
Brake wheel end out be	oard of planetary ratio		Planetary ratio
Number of brakes	Number of axles		- Indiferent Practic
Desired time for brake actuation (if kn	ow)		
Maximum frequency of stops	per minute		
Plumbing: Consult ZF Off-Highway for	sizing or hydraulic plumbing as it app	olies to the service brake actuat	or. If plumbing has been sized list below.
Service brake valve	supply line		
	rice brake valve		
	vice brake valve		
NOTE: All hoses should be i necessary to properly		diameter and length. A	circuit schematic will be
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 ZF Off-Highway Solutions Minnesota Inc. are based on information supplied by you. ZF 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 ZF Off-Highway 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. ZF Off-Highway 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 ZF Off-Highway Solutions Minnesota Inc. All ZF Off-Highway Products and services are sold and provided subject to the ZF Warranties set forth at www.mico.com in effect on the date of sale or supply.



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