

# **Application Data Sheet**

#### Confidential

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

## (for Caliper Disc Brakes)

Name	Title			
Company				
Address		State Zip		
Fax Phone		Country		
Email				
Are you currently working with a ZF Off-Highway Distribution	utor? Yes No If	yes, which one and who is the contact?		
Estimated Annual Quantity				
Is this a military application?  Yes No		ountry?		
Is this an underground coal mine application?	s No			
VEHICLE SPECIFICATIONS				
Type of vehicle or equipment	Name and model number	·		
Gross vehicle weight Empty veh				
Weight distribution loaded: front	or % loaded rear			
Weight distribution empty: front	or % empty rear	 or %		
Wheelbase Center of gravity (vertice	cal)loaded	empty		
Rolling radius: front rear				
Maximum loaded speed (level)	Maximum grade in favor of	of load %		
Rate of deceleration desired: Stop in				
Coefficient of friction between tire and ground (estimated	i)	Type of road surface		
Is this application required to conform with recommende	d practices or standards, if so wh	nich ones?		
STATIONARY EQUIPMENT BRAKE WK <sup>2</sup> of the rotating parts Rate of deceleration desired: Stop time SPECIFICATIONS FOR BOTH MOB	RPM sconds from F			
Duty cycle				
Maximum allowable rotor diameter	, and thickness	<del></del>		
Type of Brake Actuation: Hydraulic Mech	anical	g set hydraulic release		
Maximum pressure available		_		
System fluid used: DOT 3 or 4 brake fluid	Mineral base hydraulic oil	Water base Synthetic base		
Fluid manufacturer and brand name				
Number of brakes per machine	Location of brakes			
Indicate brake relation within axle to gear train (use diag  Brake mounted on driveline	,	Overall ratio		
☐ Brake mounted between differential and plane	tary ratio	Differential ratio		
Brake wheel end out board of planetary ratio				
Drive shaft or wheel hub diameter	·	Planetary ratio		
Desired lining life (number of stops)				

ments:			

Please include any available drawings to show brake location on equipment, space for brake, mounting dimensions and any other pertinent information which you believe would be of assistance to us in understanding your brake

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 <a href="https://www.mico.com">www.mico.com</a> in effect on the date of sale or supply.



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