



Date _____

Application Data Sheet

(for Multiple Disc Brakes for service braking or pressure override brakes only)

Confidential

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

This data sheet must be completed in its entirety for warranty consideration

Name _____ Title _____

Company _____

Address _____ City _____ State _____ Zip _____

Fax _____ Phone _____ Country _____

Email _____

Are you currently working with a ZF 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

SPECIFICATIONS

Type of vehicle or machine _____ Name and model number _____

Gross vehicle weight _____ Empty vehicle weight _____

Weight distribution loaded: front _____ or % rear _____ or %

Weight distribution empty: front _____ or % rear _____ or %

Wheelbase _____ Center of gravity (vertical) _____ loaded _____ empty _____

Wheel rolling radius: front _____ rear _____

Gearbox manufacturer and model number _____ Gearbox ratio _____ Total axle ratio _____

Number of brakes per machine _____ Location of brakes _____

Are any brake locations steerable wheels? Yes No Which brake locations: _____

Maximum loaded speed (level) _____ Maximum grade loaded _____ %

Rate of deceleration desired: Stop in _____ from _____ or _____

Coefficient of friction between tire and ground (estimated) _____ Type of road surface _____

Desired lining life number of stops) _____

Duty cycle _____

Cooling flow available (wet brake option only) _____

Ambient operating temperature range: minimum _____ nominal _____ maximum _____

Minimum release pressure available _____

Maximum pressure seen at brakes _____

Motor manufacturer and model number _____ Maximum torque _____

Maximum brake speed _____ RPM

Drive through requirement Yes No Comments _____

Is this application required to conform with recommended practices or standards, if so which ones? _____

BRAKE MOUNTING REQUIREMENTS

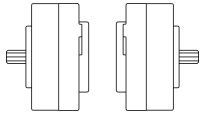
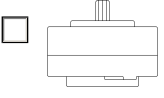
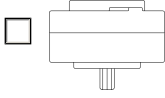
Wheel mount Yes No

Brake input side mounting pilot SAE callout A B C D E M Other _____

Brake output side mounting pilot SAE callout A B C D M Other _____

Brake input side spline shaft SAE designation _____ Internal External Other _____

Brake output side spline shaft SAE designation _____ Internal External Other _____

Desired brake orientation:   

Horizontal Shaft Vertical Shaft Facing Up Vertical Shaft Facing Down

Other desired options

Comments

(Fill in the following only if a pressure override brake is requested)

Maximum available service brake pressure _____ fluid type _____

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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