



Date _____

Application Data Sheet

(for Multiple Disc Brakes for winch and holding type applications)

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 Off-Highway 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

Winch manufacturer and model number _____

Load weight _____

Outer diameter of cable when fully reeled on drum _____

Gearbox manufacturer and model number _____ Gearbox ratio _____

Minimum release pressure available _____ Maximum pressure seen at brake _____

Motor manufacturer and model number _____ Maximum torque _____

Maximum motor speed _____ RPM

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

(Free wheeling direction only required for "Posi-Torque" brake applications)

Free wheeling direction as you face the output end of brake Clockwise Counter clockwise

BRAKE MOUNTING REQUIREMENTS

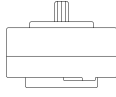
Brake input side Mounting pilot SAE callout A B C D E M Other _____

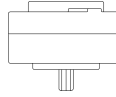
Brake output side Mounting pilot SAE callout A B C D M Other _____

Brake input side spline shaft SAE designation _____ Internal External

Brake output side spline shaft SAE designation _____ Internal External

Desired brake orientation: 
Horizontal Shaft


Vertical Shaft Facing Up


Vertical Shaft Facing Down

Other desired options

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.



ZF Off-Highway Solutions Minnesota Inc.

1911 Lee Boulevard / North Mankato, MN U.S.A. 56003-2507

Tel: +1 507 625 6426

Fax: +1 507 625 3212