



POWER WHEEL Wheel Drive Application Sheet

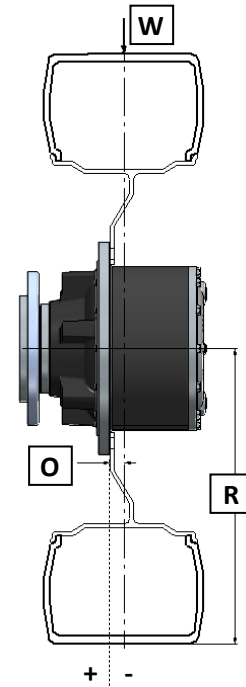
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Company Name: _____
Contact: _____
Date: _____

Telephone: _____
Email: _____

Machine Data

Vehicle Type _____
Power Wheel Function _____
 New Machine Design Existing Machine Design
Current Drive _____
Engine Power Available to Drives (kW) _____
Gross Vehicle Weight (kg) _____ Loaded _____ Empty
% Gradeability Required _____ Max _____ Normal
Vehicle Speed (kph) _____ Max _____ Working
Number of Driven Wheels _____
Total Number of Wheels _____
Loaded Rolling Radius (mm) [R] _____ Front _____ Rear
Max Radial Load on Driven Wheel (kg) [W] _____
Added Draw Bar Pull, ie. trailer, blade, etc. (N) _____
Wheel Centerline/Rim Offset (mm) [O] _____



Hydraulic Data

Open Loop Closed Loop
System Pressure (bar) _____ Max _____ Continuous
Charge Pressure, Closed Loop Only (bar) _____
Flow Avail. Per Drive (L/min) _____
Hydraulic Motor No. & MFG _____
Motor Displacement (cc) _____ Max _____ Min
Motor Mount (SAE A 2-Bolt, Cartridge, etc.) _____
Motor Shaft (13T – 16/32, W30, etc.) _____

Features

- Disengage
- Wheel Studs
- Paint
- Boot Seal
- Park Brake
- Heavy Duty Seal

Brakes

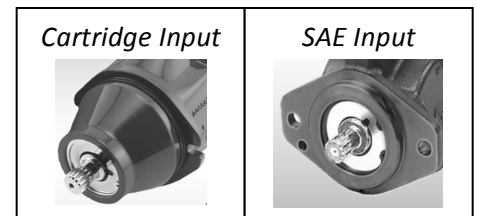
- Park Brake Torque Req. (N-m) _____
- Park Brake Release Pressure (bar) _____
- Dynamic Brake
 - Caliper
 - Drum
 - Integral

Miscellaneous

EAU _____
Price Range _____

Performance Requirements

Max Output Torque Required per Drive (N-m) _____
Annual Gearbox Usage (hrs) _____
Desired Gearbox Life (hrs or yrs) _____



Condition	Output Torque (N-m)	Output Speed (rpm)	Radial Load (kg)	% Time
1				
2				
3				
4				

Notes: