



POWER WHEEL Wheel Drive Application Sheet

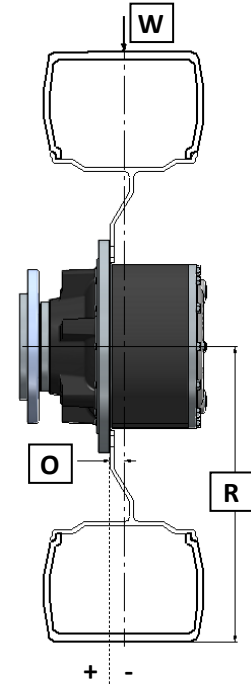
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Company Name: _____
Contact: _____
Date: _____

Telephone: _____
Email: _____

Machine Data

Vehicle Type _____
Power Wheel Function _____
 New Machine Design Existing Machine Design
Current Drive _____
Engine Power Available to Drives _____ HP
Gross Vehicle Weight (lbs) _____ Loaded _____ Empty
% Gradeability Required _____ Max _____ Normal
Vehicle Speed (mph) _____ Max _____ Working
No. of Driven Wheels _____
Total No. of Wheels _____
Loaded Rolling Radius (in) [R] _____ Front _____ Rear
Max Radial Load on Driven Wheel (lbs) [W] _____
Added Draw Bar Pull, ie. trailer, blade, etc. (lbs) _____
Wheel Centerline/Rim Offset (in) [O] _____



Hydraulic Data

Open Loop Closed Loop
System Pressure (psi) _____ Max _____ Continuous
Charge Pressure, Closed Loop Only (psi) _____
Flow Avail. Per Drive (gpm) _____
Hydraulic Motor No. & MFG _____
Motor Displacement (in³/rev) _____ 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

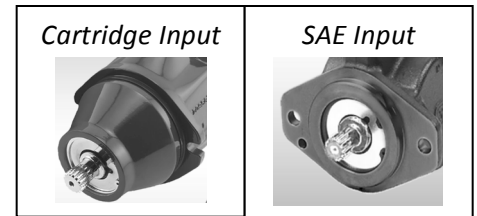
- Park Brake Torque Req. (in-lbs) _____
- Park Brake Release Pressure (psi) _____
- Dynamic Brake
 - Caliper
 - Drum
 - Integral

Miscellaneous

EAU _____
Price Range _____

Performance Requirements

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



Condition	Output Torque (in-lbs)	Output Speed (rpm)	Radial Load (lbs)	% Time
1				
2				
3				
4				

Notes: