



POWER WHEEL E-Trac Wheel Drive Application Sheet

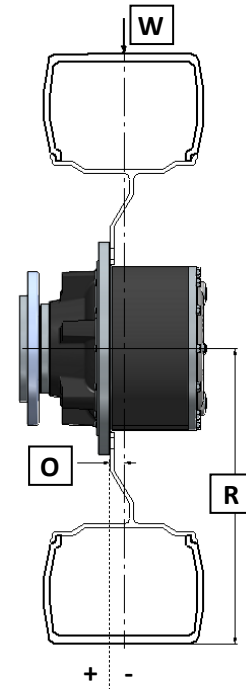
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Company Name: _____
Contact: _____
Date: _____

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
No. of Driven Wheels _____
Total No. 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] _____



Electric Data

System Type: AC DC
Battery Voltage (V) _____
Controller Amperage Available (A) _____
Electric Motor No. & MFG _____
Encoder Type (Absolute or Incremental) _____

Motor Ratings

Power (kW) _____ Max _____ Continuous
Torque (N-m) _____ Max _____ Continuous
Speed (rpm) _____ Max _____ Continuous
IP Rating _____
Efficiency Requirement _____

Performance Requirements

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

Features

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

Brakes

Park Brake Torque Req. (N-m) _____
Park Brake Voltage (V) _____
Manual Release Yes No

Miscellaneous

EAU _____
Price Range _____
Length available for motor + gearbox (mm) _____

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

Notes: