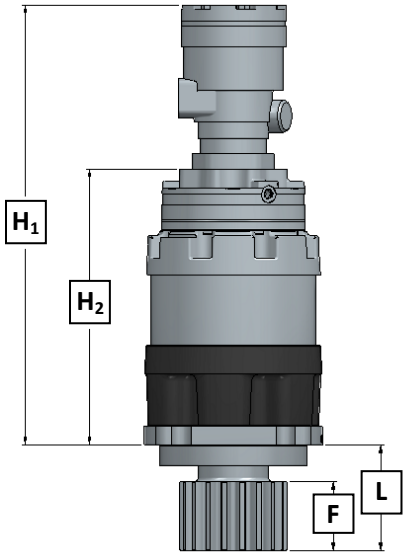
Auburn Gear
400 East Auburn Drive
Auburn, IN 46706 USA
www.auburngear.com
(260)-925-3200

POWER WHEEL
Swing Drive Application Sheet

Company Name: _____ **Telephone:** _____
Contact: _____ **Email:** _____
Date: _____

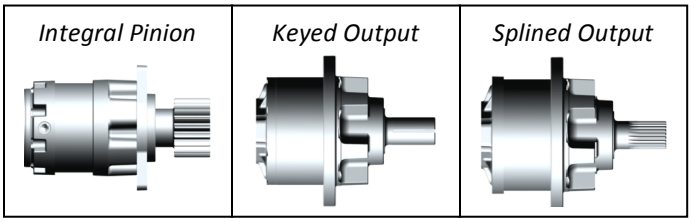
Machine Data

Vehicle Type _____
☐ New Machine Design ☐ Existing Machine Design
Current Drive _____
Engine Power Available to Drives_____ HP
Pinion Face Width (in) [**F**] _____
Pinion End to Mounting Face (in) [**L**] _____
Overall Height Restriction (in) [**H_1 or $_2$**] _____
Output Shaft Type: ☐Integral Pinion ☐Keyed ☐Splined
Shaft Orientation: ☐Down ☐Up



Pinion/Slew Gear Data (if applicable)

No. of Pinion Teeth _____
Pinion Pitch Dia. (in) _____
Pressure Angle _____
Diametral Pitch _____
No. of Slew Gear Teeth _____



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 (in^3/rev) _____ Max _____ Min
Motor Mount (SAE A 2-Bolt, SAE C 4-Bolt, etc.) _____
Motor Shaft (13T-16/32, 14T-12/24, etc.) _____

Features

☐Paint
☐Heavy Duty Seal
☐Reduced Backlash
☐Eccentric Mounting Flange
☐Park Brake
☐Hydraulic Motor Included
☐Counter Balance Valve Included

Brakes

Park Brake Torque Req. (in-lbs) _____
Park Brake Release Pressure (psi) _____

SAE Input

Miscellaneous

EAU _____
Price Range _____

Performance Requirements

Max Output Torque Required per Drive (in-lbs)_____
Max Output Speed Required per Drive (rpm) _____
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: