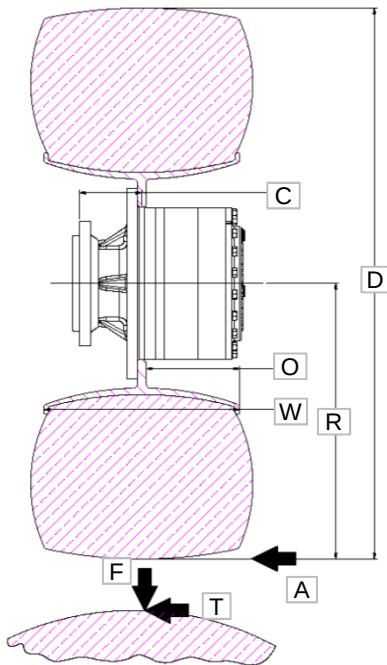




Wheel Drive Application Data Form

TEL (913) 782-1238
 FAX (913) 782-4206
 sales@eskridgeinc.com
 www.eskridgeinc.com
 Form: ADF-WD-1
 Page: 1 of 1



Date: _____
 Company: _____
 Address: _____
 Telephone: _____
 Email: _____
 Contact: _____
 Application: _____

Machine Technical Data

Type of Equipment: _____
 Wheel Drive Function: _____
 Engine Power: _____ HP _____ RPM
 Hydraulic Continuous: _____ PSI _____ GPM
 Hydraulic Maximum: _____ PSI _____ GPM
 Weight Empty: _____ Ton Loaded: _____ Ton
 Number of Driven Wheels: _____ Total Wheels: _____

Hydraulic Motor Data

☐ Fixed Displacement ☐ Variable Displacement
 Type: _____
 Manufacturer: _____
 Maximum Displacement: _____ in³/rev
 Motor Mount: _____
 Pilot: _____ in Spline Data: _____

Wheel and Gearbox Data

Wheel Diameter: **D** _____ in
 Wheel Radius Loaded: **R** _____ in
 Rim Width: **W** _____ in
 Rim Mounting Pad Distance: **O** _____ in
 Wheel Center to Gearbox Mount: **C** _____ in
 Axial Force: **A** _____ lbf
 Tractive Force: **T** _____ lbf
 Radial Load: **R** _____ lbf

Brake Data

Brake Torque Required: _____ in-lbs
 Brake Release Pressure: _____ PSI

Maximum Gradeability: _____ %
 Maximum Tractive Effort: _____ lbf
 Maximum Draw Bar Pull: _____ lbf
 Maximum Vehicle Speed: _____ mph
 Max Output Torque: _____ in-lbs
 Max Output Speed: _____ RPM
 Reduction Ratio: _____ :1
 Operating Range: _____ °F
 Design Life Required: _____ hrs
 Annual Requirements: _____ Qty/yr

Duty Profile Load Spectrum

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