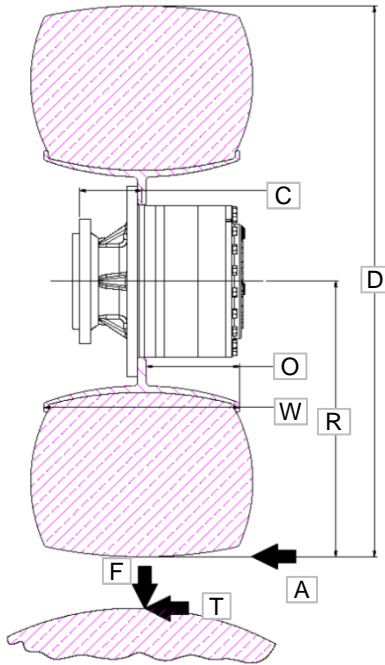




Wheel Drive Application Data Form

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				