

TORQUE-HUB®
Winch Drive Application
Worksheet

**Fax to: APPLICATION
ENGINEERING**

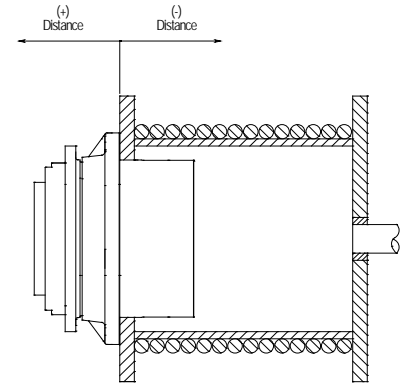
Form F500

Company _____
Address _____

Phone _____
Fax _____
Contact (s) _____

• **Winch Data**

Winch Function _____
Torque-Hub Function _____
Winch Support _____
Static Line Pull _____ (lbs)
Winch Barrel I.D. _____ (inches)
Winch Barrel Length _____ (inches)
Number of Wraps on Winch _____
Winch Cable Diameter _____ (inches)



• **Input Power Data**

Hydraulic

Pump Displacement _____ (in³/rev)
Pump Rotational Speed _____ (rpm)
Motor Displacement _____ (in³/rev)
Continuous Operating Pressure _____ (psi)
Maximum Relief Pressure _____ (psi)

Electric

Motor HP _____ @ _____ RPM
Soft Start Capability? Yes No
Overload Protection? Yes No
If yes, please elaborate: _____

• **Brake Data**

Input Brake Requirement (Make/Model) _____
Brake Torque Requirement _____ (in-lbs) Release Pressure _____ (psi)

• **Performance Data**

Maximum Torque Required out of Torque-Hub _____ (in-lbs)
Maximum Speed Required out of Torque-Hub _____ (rpm)
Estimated Machine use per Year _____ (hours)
Desired Design Life _____ (hours)

• **Typical Operating Conditions**

Condition #	Output Torque (in-lbs)	Radial Load (lbs)	Output Speed (rpm)	% of Cycle
1				
2				
3				
4				
5				
6				