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FAN DRIVE SYSTEM APPLICATION DATA SHEET

Note: Transfer the numbered items from each step in the fan drive sizing procedure on page 11.

Contact: _____	Motor Project #: _____
Phone: _____	Pump Project #: _____
Fax: _____	Date: _____
Customer: _____	Originator: _____
Address: _____	Motor Target Price: _____
City, State, Zip: _____	Pump Target Price: _____
E-mail Address: _____	E.A.U. _____
Competitive Information (model #, current problems, etc.): _____	

System Information

<p>Hydraulic Circuit:</p>	<p>Application Description: _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Maximum System Pressure: _____</p> <p>Fluid Type: _____</p> <p>Viscosity Range: _____</p> <p>Temp. Range: _____</p> <p>Filtration Level: _____</p> <p>Ambient Temp. Range: _____</p> <p>Design Life Requirement: _____</p> <p>Noise Limitations: _____</p> <p>_____</p>
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Motor Information

Customer P/N: _____	Current Vendor: _____
Displacement: (5) _____	
Motor Model Code (if known): _____	
Valve Model Code (if known): _____	
Speed Range: _____	Torque Range: _____
Critical Fan Speed: (1) _____	Torque at Critical Speed: (3) _____
Supply Flow Range: _____	Pressure at Critical Speed: (4) _____
Flow Required at Critical Speed: (6) _____	
Maximum Outlet Pressure: _____	Is Case Drain Acceptable? Yes <input type="checkbox"/> No <input type="checkbox"/>

Rotation: CW CCW Bi-rotational Flange Style: _____
 Shaft Style: _____
 Seal and Outboard Ball Bearing Requirements: _____
 Dust Seal: Yes No
 Radial Shaft Load: _____ Axial Shaft Load: _____
 Inlet Port: _____ Outlet Port: _____
 Valving Requirements: _____

 Relief Valve Setting: _____ Does RV Limit Fan Speed? Yes No
 Flow Allowed Over RV for Wear / Temperature Variations: (7) _____
 Solenoid Coil Voltage: _____ Solenoid Coil Connector Style: _____
 Proportional Controller Required: Yes No Input for Controller: _____
 Envelope Restrictions (L x W x H): _____

Pump Information

Customer P/N: _____ Current Vendor: _____
 Displacement: (9) _____
 Pump Model Code (if known): _____
 Valve Model Code (if known): _____
 Engine RPM Range: _____
 Engine to Pump RPM Ratio: (8) _____
 Critical Engine Speed: (1) _____ Pump Flow at Critical Speed: (7) _____
 Pump Input Torque: (10) _____

 Rotation: CW CCW
 Flange Style _____ Shaft Style: _____
 Wet Mount: Yes No
 Seal and Outboard Ball Bearing Requirements: _____
 Are Dual Seals and a Weep Hole Required? Yes No
 Radial Shaft Load: _____ Axial Shaft Load: _____
 Inlet Port: _____ Outlet Port: _____
 Valving Requirements: _____

 Envelope Restrictions (L x W x H): _____

Fan Information

Manufacturer: _____ Contact: _____
 Diameter: _____ Material: _____
 Weight: _____ Max. Rated Speed: _____
 Balance Specification: _____
 Torque vs. Speed Equation (supply curve if available): _____
 Thrust vs. Speed Equation (supply curve if available): _____