



V Series Internal Gear Pump Application Data Sheet

Project:
Date:
Quote #:
Project Name:
Tag # or ID #:

Prepared for:
Name:
Company:
City:
State/Province:
Country:

Prepared by:
Name:
Company:
City:
State/Province:
Your salesperson:

Fluid Info		
Fluid Name or Description: <input type="text"/>	Properties (at normal operating conditions): Temperature: <input type="text"/> units: <input type="text"/> Viscosity: <input type="text"/> units: <input type="text"/> Specific Gravity: <input type="text"/> Vapor Pressure: <input type="text"/> units: <input type="text"/>	Will the fluid properties sometimes be different? <input type="text"/>
Does the fluid contain solids or abrasives? <input type="text"/>		

Flow & Duty Requirements		
Required Flowrate: <input type="text"/> units: <input type="text"/>	Will the pump run dry? If YES, explain. <input type="text"/>	Are there any unusual duty cycles (cleaning, system testing, upset conditions, etc...)? <input type="text"/>
Typical Duty Cycle: hrs per cycle: <input type="text"/> cycles per day: <input type="text"/> days per week: <input type="text"/>	Pump starting condition: Instant On Soft Start	
	Will the flowrate need to be variable? <input type="text"/>	

Pressure Conditions (at the pump)	
Discharge Pressure: <input type="text"/> units: <input type="text"/>	Will the pressure conditions sometimes be different? <input type="text"/>
Suction Pressure: <input type="text"/> units: <input type="text"/>	

Pump Features			
Materials of Construction: Cast Iron (Ext) / Ductile Iron (Int)	Seal Type: Packing (PTFE Graphite) Packing (Wedgee) Triple Lip Seal (PTFE) No Seal (customer supplied)	Port Style: ANSI 125# RF Jacket Options: Head Valve	Bushing Material: Hardened Cast Iron Bronze Tungsten carbide No Bushing (customer supplied)
Relief Valve Cracking Pressure: 50 psid 80 psid 125 psid 160 psid 60 psid 90 psid 130 psid 70 psid 100 psid No Valve	Any Special Features Needed? (other seal type, etc): <input type="text"/>		

Port Orientation & Shaft Rotation	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>RT</p> </div> <div style="text-align: center;"> <p>LT</p> </div> <div style="text-align: center;"> <p>TR</p> </div> <div style="text-align: center;"> <p>TL</p> </div> </div>	Note: Case is rotatable 90 degrees without the need to un-install. Consult IOM for details.

Existing Pump Information		
<i>This section DOES NOT apply if the pump is for a new application.</i>		Yes No
Manufacturer: <input type="text"/>	Pump speed: <input type="text"/>	Is the existing motor variable speed?
Model Number: <input type="text"/>	Motor HP: <input type="text"/>	Will existing baseplate & driver be re-used?
Mtl of Construction: <input type="text"/>	Ports (size and style): <input type="text"/>	
Other Info (including any known performance or reliability problems): <input type="text"/>		

Driver & Baseplate Features			
Baseplate Required	Contact factory for details.	Select motor type: TEFC, premium efficiency XP, CI 1, Div 1, Group D, T2B XP, CI 1, Div 1, Group C&D, T3C Other: <input type="text"/>	Is motor controlled by inverter? Yes No Voltage/phase: <input type="text"/> Any special features needed? <input type="text"/>

Other Application Info
<input type="text"/>