



G 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: Ductile iron Carbon steel Stainless steel	Seal Type: Type 1 Component Seal Buna Type 1 Component Seal FKM Type 9 Component Seal PTFE Other: <input type="text"/>	Port Style: NPT tapped ANSI 150# RF Other: <input type="text"/>	Bushing Material: Carbon-Graphite Bronze Tungsten Carbide	Jacketing (Cast Iron) (55-222 Sizes Only) Bracket (required) Head PRV Case (55 & 133 sizes)
Relief Valve Cracking Pressure: 50 psid 125 psid 200 psid 75 psid 150 psid No valve 100 psid 175 psid	Any Special Features Needed?: <input type="text"/>			

Port Orientation & Shaft Rotation				
RT 	LT 	TR 	TL 	Other Available Orientations Include: RB, LB, BR, BL (90deg orientation) (Contact factory for details)

Existing Pump Information		
<i>This section DOES NOT apply if the pump is for a new application.</i>		
Manufacturer: <input type="text"/>	Pump speed: <input type="text"/>	Is the existing motor variable speed? Yes No
Model Number: <input type="text"/>	Motor HP: <input type="text"/>	Will existing baseplate & driver be re-used?
Matl 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		
<i>This section DOES NOT apply if a new baseplate package is not needed.</i>		
Baseplate Required	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"/>