



V Series Internal Gear Pump Application Data Sheet

Project:	Prepared for:	Prepared by:
Date:	Name:	Name:
Quote #:	Company:	Company:
Project Name:	City:	City:
	State/Province:	State/Province:
Tag # or ID #:	Country:	Your salesperson:

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

Flow & Duty Requirements	Will the pump run dry? If YES, explain.	Are there any unusual duty cycles (cleaning, system testing, upset conditions, etc...)?
Required Flowrate: units:		
Typical Duty Cycle:	Will the flowrate need to be variable?	
hrs per cycle:		
cycles per day:		
days per week:		

Pressure Conditions (at the pump)	Will the pressure conditions sometimes be different?
Discharge Pressure: units:	
Suction Pressure: units:	

Pump Features	Any Special Features Needed? (other seal type, etc):
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 ☐ Head ☐ Valve	
Bushing Material:	
☒ Hardened Cast Iron ☐ Bronze ☐ Tungsten carbide ☐ No Bushing (customer supplied)	
Relief Valve Cracking Pressure:	
☒ 50 psid ☐ 60 psid ☐ 70 psid ☐ 80 psid ☐ 90 psid ☐ 100 psid ☐ 125 psid ☐ 130 psid ☐ 160 psid ☐ No Valve	

Port Orientation & Shaft Rotation	Note: Case is rotatable 90 degrees without the need to un-install. Consult IOM for details.
☒ RT ☐ LT ☐ TR ☐ TL	

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

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

Other Application Info