



E Series Magnetic Drive 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:	Properties (at normal operating conditions):	Will the fluid properties sometimes be different?
	Temperature: units:	
Does the fluid contain solids or abrasives?	Viscosity: units:	
	Specific Gravity:	
	Vapor Pressure: units:	

Flow & Duty Requirements

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

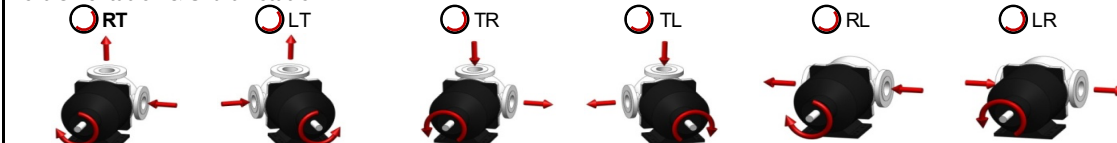
Pressure Conditions (at the pump)

Discharge Pressure: units:	Will the pressure conditions sometimes be different?
Suction Pressure: units:	

Pump Features

Materials of Construction:	O-ring Material:	Port Style:	Bushing Material:
☐ Ductile Iron	☐ Type A FKM	☐ NPT tapped	☐ Carbon-Graphite
☐ Carbon Steel	☐ FEP encap. FKM	☐ ANSI 150# RF	☐ Bronze
☐ Stainless Steel	☐ PFA encap. silicone	☐ Other:	☐ Tungsten Carbide (not avail. with SS)
	☐ Other:		
Relief Valve Cracking Pressure:	If heat jacket is needed, select jacket type:	Any Special Features Needed?:	
☐ 50 psid ☐ 125 psid ☐ 200 psid	☐ Head jacket (pump cannot have relief valve)		
☐ 75 psid ☐ 150 psid ☐ no valve	☐ Full-pump Jacket		
☐ 100 psid ☐ 175 psid			

Port Orientation & Shaft Rotation



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 ☐
Matl of Construction:	Ports (size and style):	
Other Info (including any known performance or reliability problems):		

Driver & Baseplate Features

This section DOES NOT apply if a new baseplate package is not needed.

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

Other Application Info

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