E Series Magnetic Drive 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

Fluid Name or Description:

Does the fluid contain solids or abrasives?

Properties (at normal operating condtitions):

Temperature: units:
Viscosity: units:
Specific Gravity:
Vapor Pressure: units:

Will the fluid properties sometimes be different?

Flow & Duty Requirements

Required Flowrate: units:

Typical Duty Cycle:
hrs per cycle:
cycles per day:
days per week:

Pump starting condition:
Instant On ☐
Soft Start ☐

Will the pump run dry? If YES, explain.

Will the flowrate need to be variable?

Are there any unusual duty cycles (cleaning, system testing, upset conditions, etc…)?

Pressure Conditions (at the pump)

Discharge Pressure: units:
Suction Pressure: units:

Will the pressure conditions sometimes be different?

Pump Features

Materials of Construction:
- ◉ Ductile Iron
- ○ Carbon Steel
- ○ Stainless Steel

O-ring Material:
- ◉ Type A FKM
- ○ FEP encap. FKM
- ○ PFA encap. silicone
- ○ Other:

Port Style:
- ◉ NPT tapped
- ○ ANSI 150# RF
- ○ Other:

Bushing Material:
- ◉ Carbon-Graphite
- ○ Bronze
- ○ Tungsten Carbide (not avail. with SS)

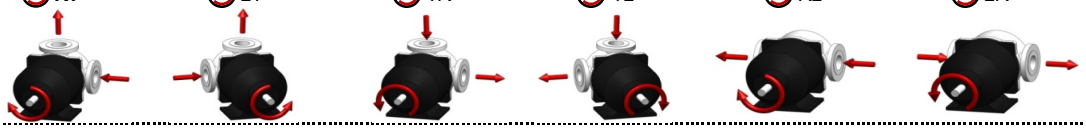
Relief Valve Cracking Pressure:
- ◉ 50 psid
- ○ 75 psid
- ○ 100 psid
- ○ 125 psid
- ○ 150 psid
- ○ 175 psid
- ○ 200 psid
- ○ no valve

If heat jacket is needed, select jacket type:
- ○ Head jacket (pump cannot have relief valve)
- ○ Full-pump Jacket

Any Special Features Needed?:

Port Orientation & Shaft Rotation

◉ RT ○ LT ○ TR ○ TL ○ RL ○ LR



Existing Pump Information

This section DOES NOT apply if the pump is for a new application.

Manufacturer:
Model Number:
Matl of Construction:

Pump speed:
Motor HP:

Ports (size and style):

	Yes	No
Is the existing motor variable speed?	○	○
Will existing baseplate & driver be re-used?	○	○

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:
- ○ TEFC, premium efficiency
- ○ XP, Cl 1, Div 1, Group D, T2B
- ○ XP, Cl 1, Div 1, Group C&D, T3C
- ○ Other:

Is motor controlled by inverter? Yes ○ No ○

Voltage/phase:

Any special features needed?

Other Application Info