EagleBurgmann®

Seal Information Sheet For Pumps

Date	
Originator	
Contact Info	
Reference Project No.	
OEM / Distributor	
End User Customer	
End User Location	
End User Unit	

ETO's		Proposals		
Approval Drawing Required	☐	Layer 3	☐	Dimensions, tolerances, end view, assembly notes, item balloons and parts list
Customer Specific Requirements (describe below)	☐	Layer 2	☐	Dimensions, tolerances, end view
Nuclear	☐	Layer 1	☐	Basic seal design and seal chamber geometry

Special Requirements	

Equipment Information

Equipment ID		Size		Wear Rings	☐
Service Location		Shaft Size		Balance Holes	☐
Manufacturer		RPM		Shaft Rotation (Drive End)	CW ■ CCW ☐
Model		Impeller Design		Chamber Configuration	
Serial No.		Stages		Pump Configuration	

Operating Conditions

Process Fluid(s)					
Temperature		Specific Gravity		Seal Chamber Pressure	
Suction Pressure		Viscosity		Max Solid Size	
Discharge Pressure		Vapor Pressure		Percent Solids	

Seal Recommendation

				Reference Seal	
Type		Size		Material Code	
Configuration / Arrangement				Piping Plan(s)	
Special Design Considerations					

Materials of Construction

Existing ☐ or Preferred ■

Faces		Elastomers		Flat Gaskets	
Wetted Metal Parts		Nonwetted Metal Parts		Bellows/ Springs	

Flush/Barrier Specifications

Barrier Fluid		Barrier Pressure		External Flush Fluid		Flush Pressure	
Barrier SG		Barrier Viscosity		Flush Temperature		Flush Viscosity	
Quench		Describe System and Piping Plan Details					

External Documents Attached		Site or Equipment Photos	☐	Pump Drawing	☐	Pump Datasheet	☐	Reference Seal Drawing ☐
Existing Seal Drawing	☐	Misc. Drawings (Describe)						

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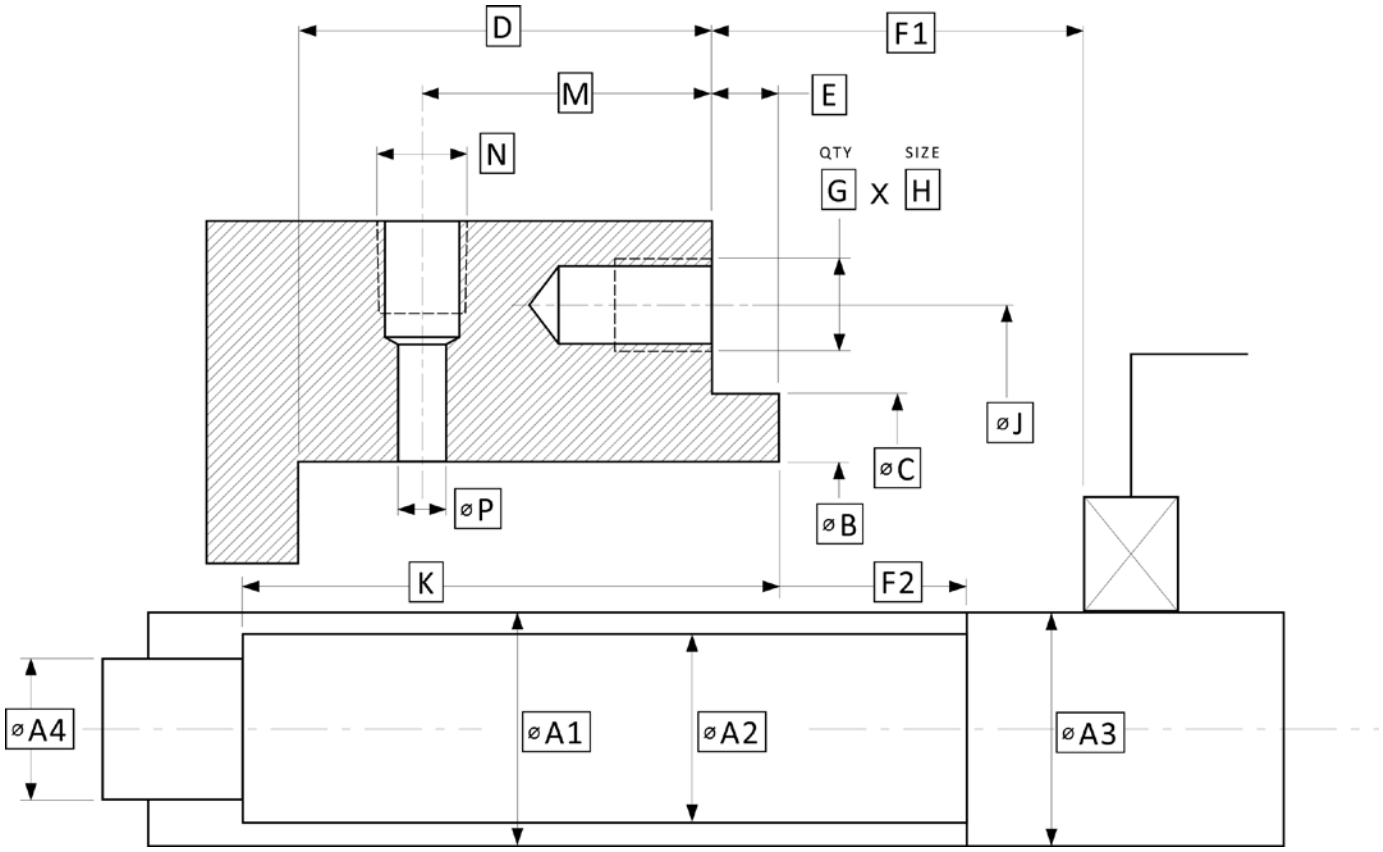
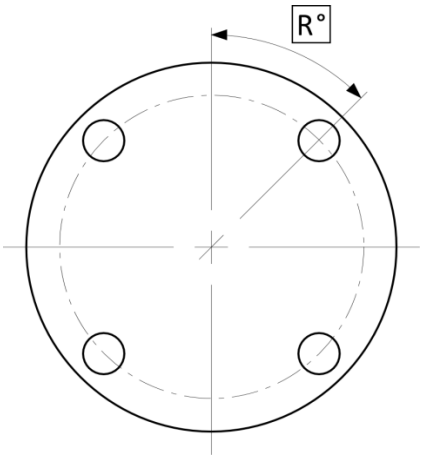
Pump Dimensions									
A1	Sleeve OD		±	**D**	Chamber Depth		**J**	Bolt Circle Diameter	
A2	Shaft OD		±	**E**	Pilot Lip Length		**K**	Distance from Hook	
A3	Shaft Step OD		±	**F1**	First Obstruction		**M**	Distance to Port	
A4	Shaft Hook ID		±	**F2**	Shaft Step Location		**N**	Port Size	
B	Pilot Bore		±	**G**	Bolt Quantity		**P**	Thru Hole Size	
C	Pilot Turn		±	**H**	Bolt Size		**R**	Bolt Hole Angle	



Please add details, such as additional ports, chamfers, counterbores, shaft steps, gasket grooves or other relevant features.



End-View

Flange Configuration Special Notes	
Bearing Window Location/Obstruction (Please Sketch)	
Flange Thru Hole	■
Flange Slotted	☐

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