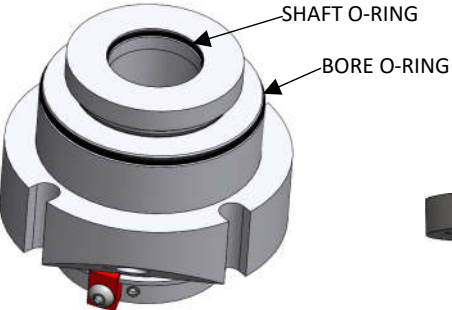
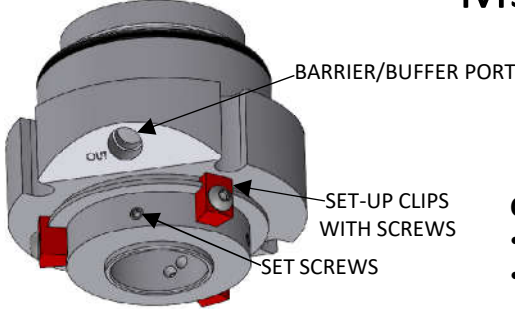
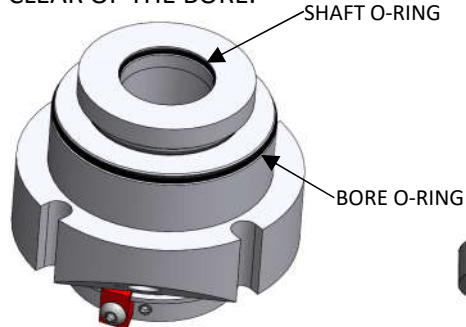


M36 SEAL SHOWN AS RECEIVED

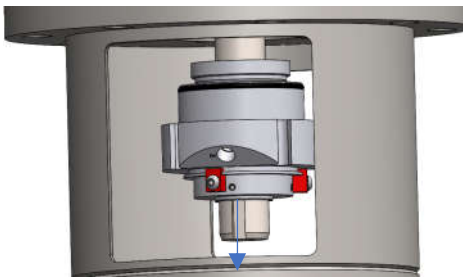
M36 SEAL INSTALLATION



1.) APPLY PROCESS COMPATIBLE LUBRICANT TO THE SHAFT O-RING, BEING CAREFUL TO ONLY PUT LUBRICANT ON THE O-RINGS. BACK OFF THE SET SCREWS SO THEY ARE CLEAR OF THE BORE.



2.) INSERT THE SHAFT THROUGH THE PEDESTAL BORE AND THE SEAL BORE.

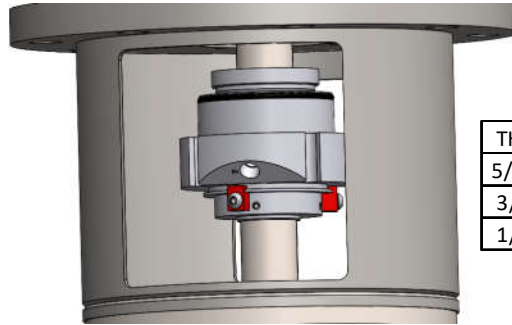


BARRIER/BUFFER PORT DESIGNATIONS REFER TO INNER AND OUTER SEAL AND NOT INLET AND OUTLET.

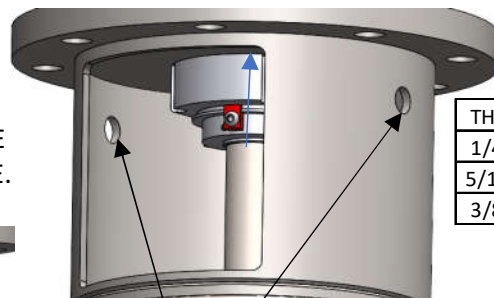
CAUTION:

- CLEAN SEAL FACES WITH AN ISOPROPYL WIPE OR CLEAN LINT FREE CLOTH
- DO NOT TOUCH SEAL FACES WITH BARE HANDS OR DIRTY GLOVED HANDS

3.) NOW THAT THE SEAL IS "FLOATED" ON THE SHAFT, ATTACH THE SHAFT TO THE MIXER DRIVE ACCORDING TO THE APPROPRIATE SHAFT INSTALLATION QSG.

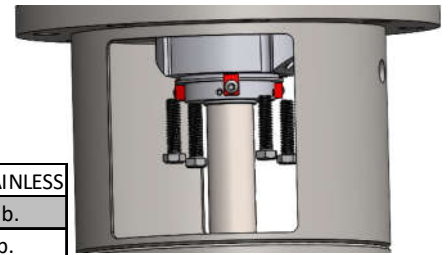


4.) SLIDE THE SEAL INTO THE PEDESTAL BORE, ALIGNING THE HOLES IN THE SEAL TO THE TAPPED HOLES IN THE PEDESTAL. ENSURE THAT THE BARRIER/BUFFER PORTS ON THE SEAL ALIGN WITH THE HOLES ON THE SIDE OF THE PEDESTAL.



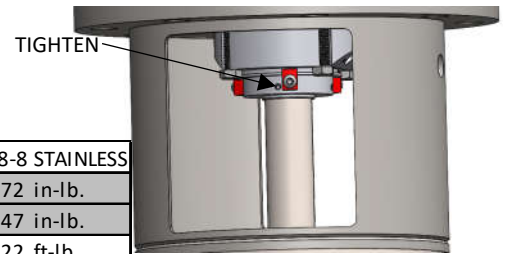
ALIGN BARRIER/BUFFER PORTS TO THESE HOLES

5.) INSERT AND TIGHTEN THE PROVIDED BOLTS IN AN ALTERNATING PATTERN TO THE APPROPRIATE VALUE IN THE TABLE.



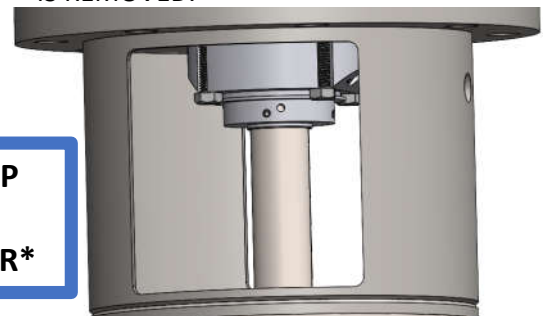
| THREAD | 18-8 STAINLESS |
|----------|----------------|
| 5/16"-18 | 103 in-lb. |
| 3/8"-16 | 16 ft-lb. |
| 1/2"-13 | 36 ft-lb. |

6.) THREAD IN THE SET SCREWS IN AN ALTERNATING PATTERN UNTIL THEY ARE BARELY TOUCHING THE SHAFT. DO NOT TIGHTEN ONE FULLY THEN THE OTHER. ONCE ALL SET SCREWS ARE SNUG, TORQUE TO THE APPROPRIATE VALUE IN THE TABLE.



| THREAD | 18-8 STAINLESS |
|----------|----------------|
| 1/4"-28 | 72 in-lb. |
| 5/16"-24 | 147 in-lb. |
| 3/8"-24 | 22 ft-lb. |

7.) REMOVE THE SET-UP CLIPS AND RETAIN FOR FUTURE USE. THEY WILL BE NEEDED IN THE FUTURE WHEN THE SEAL IS REMOVED.



REMOVE SET-UP CLIPS BEFORE OPERATING MIXER

CAUTION

DISCONNECT MIXER FROM POWER SOURCE BEFORE ASSEMBLING, LIFTING, MOVING, OR SERVICING MIXER.

CAUTION:

- THE VISCOSITY AND SPECIFIC GRAVITY OF THE FLUID AFFECTS MIXER SIZING AND SPECIFICATIONS.
- HANDLE SEAL WITH CARE, DO NOT SET SEAL DOWN ON THE SEAL'S NON-METALLIC SURFACES

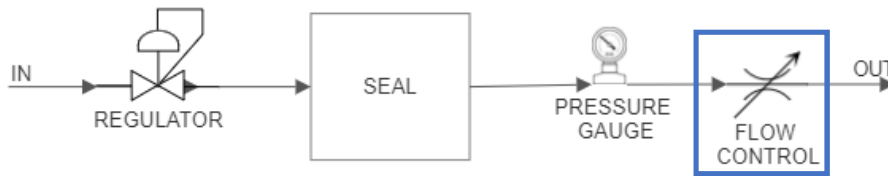
M36 SEAL INSTRUCTIONS

CAUTION:

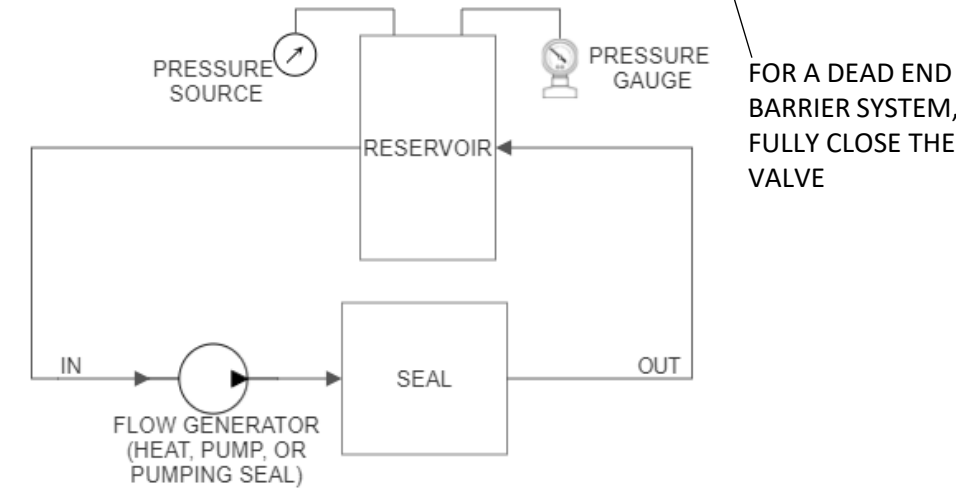
- LISTED IN THIS QSG ARE THE GENERAL MINIMUM REQUIREMENTS FOR A SEAL SUPPORT SYSTEM
- HANDLE SEAL WITH CARE, DO NOT SET SEAL DOWN ON THE SEAL'S NON-METALLIC SURFACES
- DO NOT RUN SEAL WITHOUT A FLUID SUPPORT SYSTEM
- REFER TO THE APPROVAL (OR AS MANUFACTURED) DRAWING FOR REQUIRED SPECIFICATIONS (TEMP., BARRIER PRESSURE, BARRIER/BUFFER FLUID, ETC.) TO RUN YOUR SEAL

BARRIER FLUID – A DOUBLE MECHANICAL SEAL FLUID SYSTEM WITH THE PRESSURE IN THE SEAL SYSTEM **GREATER THAN** THE TANK PRESSURE. THE DIFFERENTIAL BETWEEN THESE PRESSURES IS DEPENDENT ON THE APPLICATION. ANY SEAL LEAKAGE MAY ALLOW THE BARRIER FLUID TO LEAK INTO THE TANK.

BARRIER (OPEN LOOP)



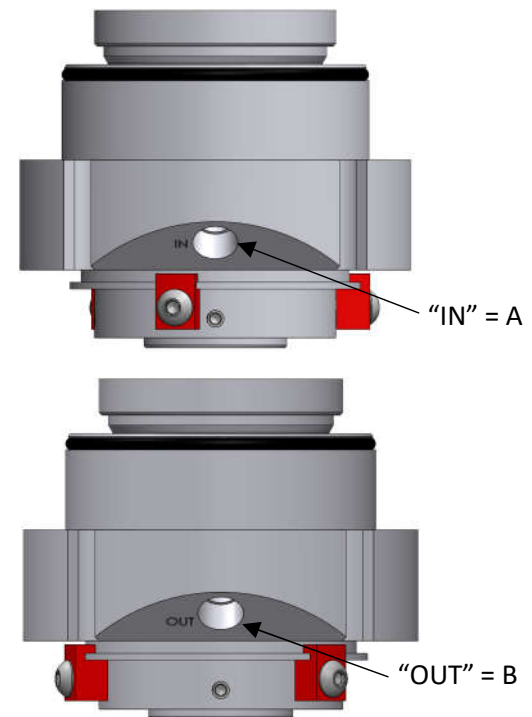
BARRIER (CLOSED LOOP)



M36 SEAL SHOWN AS RECEIVED

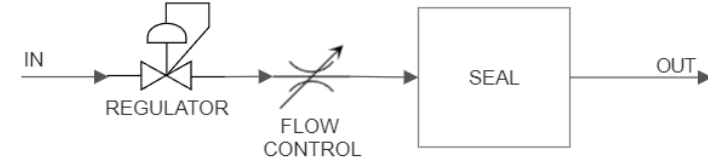
BARRIER/BUFFER PORT DESIGNATIONS REFER TO INNER AND OUTER SEAL AND NOT INLET AND OUTLET.

| | BARRIER/BUFFER | | |
|--------------|----------------|--------|-------|
| | INLET | OUTLET | |
| BOTTOM ENTRY | A | B | SHOWN |
| SIDE ENTRY | A | B | ** |
| TOP ENTRY | B | A | |

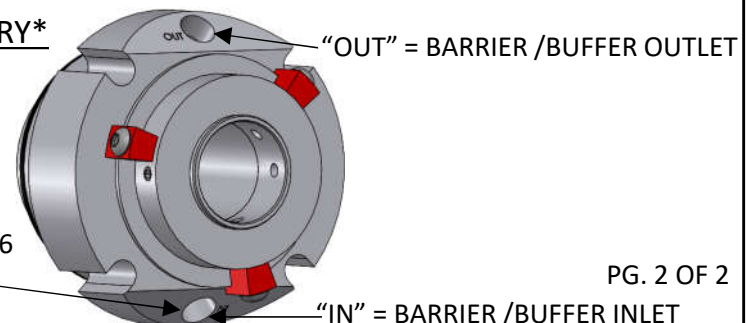


BUFFER FLUID – A DOUBLE MECHANICAL SEAL FLUID SYSTEM WITH THE PRESSURE IN THE SEAL SYSTEM **LESS THAN** THE PRESSURE IN THE TANK. THE DIFFERENTIAL BETWEEN THESE PRESSURES IS DEPENDENT ON THE APPLICATION. ANY SEAL LEAKAGE MAY ALLOW THE PROCESS FLUID TO LEAK INTO THE SEAL BUFFER FLUID.

BUFFER



SIDE ENTRY



CAUTION
DISCONNECT MIXER FROM POWER SOURCE BEFORE ASSEMBLING, LIFTING, MOVING, OR SERVICING MIXER.