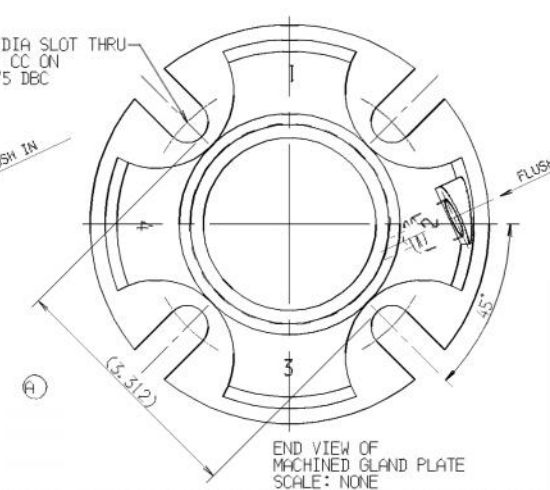
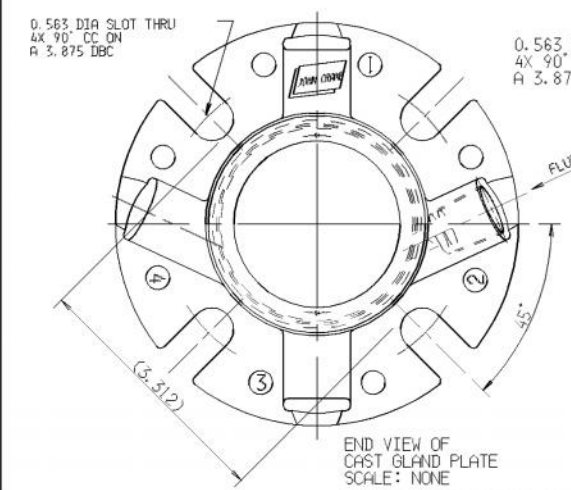


ITEM	COMPONENT	DESCRIPTION	MATERIAL	QUANTITY	SPARES
1	H 1876 296	MATING RING		1	X
2	0000 034	O-RING		1	X
3	##	PRIMARY RING		1	X
4	D 2000 352	BELLOWS		1	X
5	D 2000 110	DISC		1	
6	D 2000 138	RETAINER		1	
7	D 2000 055	DRIVE BAND		1	
8	D 2002 128	SPRING ADAPTER		1	
9	###	SPRING		1	X
10	H 1876 313	GASKET		1	X
11	AUS2 00XX XX2	SNAP RING		1	X
12	0000 225	O-RING		1	X
13	H 1876 328	SLEEVE		1	
14	H 1876 309	COLLAR		1	
15	L710 3206 000	SET SCREW		4	X
16	####	GLAND PLATE ASS'Y		1	
17	D 0002 684	SPACER		4	X
18	2108 3206 000	SOCKET HEAD CAP SCREW		4	X
19					
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##	D 2000 108 (CARBON)	###	5448 (316 SS)
	D 2001 188 (MACHINED)		3395 (MONEL)
	D 2001 652 (P90)		0789 (18-8 SS)
####	H 1876 302 (CAST GLAND PLATE ASS'Y)		
	H 1876 396 (MACHINED GLAND PLATE ASS'Y)		

13. SPACER (ITEM #17) IS ONLY FOR THE PURPOSE OF PROPERLY LOCATING SEAL. AFTER GLAND PLATE, BEARING, SHAFT AND SEAL ARE LOCKED IN PLACE, SPACER MUST BE REMOVED BEFORE STARTING UNIT.  
 14. COOLING RECOMMENDATION: PROVIDE A FLUSH OF SUITABLE LIQUID TO THE SEAL.



FOR ALTERNATE ARRANGEMENTS SEE THE FOLLOWING DRAWINGS

SINGLE O-RING SEAL	HSP-37308
RUBBER BELLOWS SEAL	HSP-37340
METAL BELLOWS SEAL	HSP-37356
O-RING SEAL W/QUENCH	HSP-37316
RUBBER BELLOWS W/QUENCH	HSP-37348
METAL BELLOWS W/QUENCH	HSP-37364
DUAL O-RING SEAL	HSP-37324
DUAL METAL BELLOWS	HSP-37372
DUAL METAL BELLOWS WITH PUMPING RING	HSP-37380
DUAL O-RING SEAL W/PUMPING RING	HSP-37332

THE FOLLOWING NOTES ARE IMPORTANT AND MUST BE OBSERVED FOR CORRECT SEAL INSTALLATION AND OPERATION

1. REMOVE ALL SHARP EDGES ON SHAFT & OR SLEEVE BEFORE INSTALLATION OF SEAL.	6. WHEN SHAFT IS SLEEVED THROUGH STUFFING BOX, SLEEVE MUST BE TIGHT THROUGH BORE.
2. SURFACE OF SHAFT OR SLEEVE ON WHICH SEAL IS INSTALLED MUST BE MACHINED TO FINISH OF BETTER.	7. SHAFT OR SLEEVE MUST BE OF CORROSION RESISTANT MATERIAL WITH A HARDNESS OF 125 BRINELL MINIMUM & BE FINISHED TO DIMENSIONS & TOLERANCES SHOWN.
3. LUBRICATE SHAFT/SLEEVE & SEAL MATE RING/RING/BELLOWS TO ASSIST INSTALLATION OF SEAL WITH.	8. END OF SEAL CHAMFER & AXIS OF SHAFT MUST BE AT 90° TO EACH OTHER WITHIN .002 F.I.M.
4. LUBRICATE MATING RING (SEAL), SEALING MEMBER & HOUSING TO ASSIST INSTALLATION.	9. PRESSURE IN SEAL CHAMBER MUST BE MAINTAINED AT MINIMUM ABOVE MAXIMUM PRESSURE DEVELOPED AT OTHER SEAL.
5. MUST BE CIRCULATED AROUND PUMPING RING (SEAL FACE) THROUGH MATING RING (SEAL) IN ORDER TO REMOVE HEAT GENERATED BY PUMPING RING (SEAL) (AT NOT LESS THAN).	10. BEFORE COMPLETING SEAL, INSTALLATION WIRE LAPPED SURFACES OF MATING RING (SEAL) & PUMPING RING (SEAL FACE) RESPECTIVELY CLEAR.

11. VENT GAS ENTRAPMENT BEFORE STARTUP.  
 12. ALL SHOULDERS OVER WHICH SEAL MUST PASS WHEN FITTING TO BE PREPARED AS SHOWN BELOW.

CAD ENGINEERED  
 SEAL SIZE: Ø 1.875  
 SEAL TYPE: T-5811

**JOHN CRANE INC.**  
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