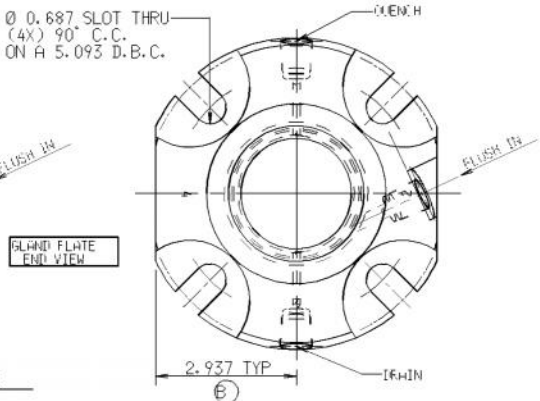
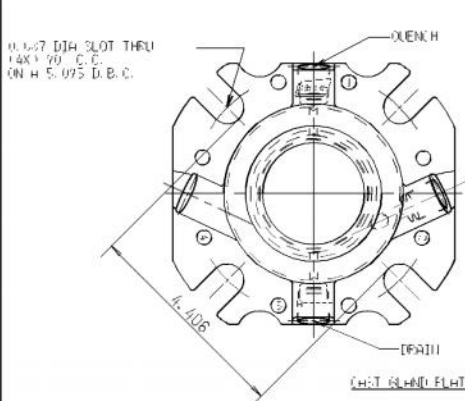


13. SPACER (ITEM #17) IS ONLY FOR THE PURPOSE OF PROPERLY LOCATING SEAL. AFTER GLAND PLATE, BEARINGS, SHAFT AND SEAL ARE LOCKED IN PLACE, SPACER MUST BE REMOVED BEFORE STARTING UNIT.  
 14. COOLING RECOMMENDATION: PROVIDE A FLUSH OF SUITABLE LIQUID TO THE SEAL.



FOR ALTERNATE ARRANGEMENTS SEE THE FOLLOWING DRAWINGS

SINGLE O-RING SEAL	HSP-38077
RUBBER BELLOWS SEAL	HSP-38081
METAL BELLOWS SEAL	HSP-38083
O-RING SEAL W/QUENCH	HSP-38078
RUBBER BELLOWS W/QUENCH	HSP-38082
METAL BELLOWS W/QUENCH	HSP-38084
DUAL O-RING SEAL	HSP-38079
DUAL METAL BELLOWS	HSP-38085
DUAL METAL BELLOWS WITH PUMPING RING	HSP-38086
DUAL O-RING SEAL W/PUMPING RING	HSP-38080

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 363	GASKET		1	X
11	AUS2 00XX XX2	SNAP RING		1	X
12	0000 225	O-RING		1	X
13	H 1876 329	SLEEVE		1	
14	H 1876 309	COLLAR		1	
15	1710 3206 000	SET SCREW		4	X
16	####	GLAND PLATE ASSY.		1	
17	D 0002 684	SPACER		4	X
18	2108 3206 000	SOCKET HEAD CAP SCREW		4	X
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					

##	D 2000 108 (CARBON)	5448 (316 SS)
	D 2001 188 (MACHINED)	3395 (MONEL)
	D 2001 652 (P90)	0789 (18-8 SS)

### H-1876-367 CAST GLAND PLATE  
 H-1876-437 MACHINED GLAND PLATE

SEAL ASS'Y NO. IN- D-2002-236 OUT- MTG.RS. ASS'Y NO. IN- OUT-	BILL OF MATERIALS NUMBER COMPLETE SEAL HD. MTG.RS. ASS'Y. ITEMS NUMBER
--	--

EQUIPMENT REFERENCE:	CUSTOMER INFORMATION:
UNIT BY:	CUSTOMER:
EQUIPMENT TYPE: <input type="checkbox"/> PUMP <input type="checkbox"/> AGITATOR <input type="checkbox"/> COMPRESSOR <input type="checkbox"/> OTHER	P.O. NO. END USER: LOCATION: REQ. NO. INSTALLED AT:

SEAL DESCRIPTION PARTS A.P.T. CODE	MATERIAL CODE A.P.T. PLAN
--	------------------------------

FLUID	BARRIER FLUID
SEAL PRESS.	SUCT. PRESS. VISC. AT P.T.
TEMPERATURE	DISCH. PRESS. V.P. AT P.T.
SHAFT SPEED	SP. GR. HAZARD CODE

REFERENCE DATA	DRAWN	DATE	CHK'D	APP'D	SCALE	INST CODE
	SN	091096	TJS	JWH	2:1	
	FILE REFERENCE	CAT	DRAWING No.		ISSUE	
	MO-01		D	H-SP-38082	B	

CAD ENGINEERED  
 SEAL SIZE: Ø 1.875  
 SEAL TYPE: T-5811-0 BIG BORE VERSION



JOHN CRANE INC.  
 International Sealing Systems  
 6400 Oakton Street  
 Marton Grove, IL 60053, U.S.A.

- THE FOLLOWING NOTES ARE IMPORTANT AND MUST BE OBSERVED FOR CORRECT SEAL INSTALLATION AND OPERATION
- REMOVE ALL SHARP EDGES ON SHAFT &/OR SLEEVE BEFORE INSTALLATION OF SEAL.
  - SURFACE OF SHAFT OR SLEEVE ON WHICH SEAL IS INSTALLED MUST BE MACHINED TO FINISH OF BETTER.
  - LUBRICATE SHAFT/SLEEVE & SEAL MEMBER RINGS/RINGS/BELLOWS TO ASSIST INSTALLATION OF SEAL WITH.
  - LUBRICATE MATING RING (SEAL), SEALING MEMBER & HOUSING TO ASSIST INSTALLATION.
  - MUST BE CIRCULATED AROUND PUMPING RING (SEAL FACE) THROUGH MATING RING (SEAL) IN ORDER TO REMOVE HEAT GENERATED BY FRICTION. (AT NOT LESS THAN).

- WHEN SHAFT IS SLEEVED THROUGH STUFFING BOX, SLEEVE MUST BE TIGHT THROUGH BORE.
- SHAFT OF SLEEVE MUST BE OF CORROSION RESISTANT MATERIAL WITH A HARDNESS OF 125 BRINELL MINIMUM & BE FINISHED TO DIMENSIONS & TOLERANCES SHOWN.
- END OF SEAL CHAMFER & AXIS OF SHAFT MUST BE AT 90° TO EACH OTHER WITHIN 0.002 F.I.M.
- PRESSURE IN SEAL CHAMBER MUST BE MAINTAINED AT MINIMUM ABOVE MINIMUM PRESSURE DEVELOPED AT INNER SEAL.
- BEFORE COMPLETING SEAL INSTALLATION WIRE LAPPED SURFACES OF MATING RING (SEAL) & PUMPING RING (SEAL FACE) RESPECTIVELY CLEAN.

