



- THE FOLLOWING NOTES ARE IMPORTANT AND MUST BE OBSERVED FOR CORRECT SEAL INSTALLATION AND OPERATION
1. REMOVE ALL SHARP EDGES ON SHAFT AND/OR SLEEVE BEFORE INSTALLATION OF SEAL.

2. SURFACE OF SHAFT OR SLEEVE ON WHICH SEAL IS INSTALLED MUST BE MACHINED TO RA FINISH OR BETTER.

3. LUBRICATE SHAFT/SLEEVE & SEAL WEDGE TO ASSIST INSTALLATION OF SEAL WITH COMPATIBLE LUBRICANT.

4. LUBRICATE MATING RING (SEAT), SEALING MEMBER AND HOUSING TO ASSIST INSTALLATION. SUITABLE

5. LIQUID MUST BE CIRCULATED AROUND PRIMARY RING (SEAL FACE) THROUGH MATING RING (SEAT) (AT NOT LESS THAN) IN ORDER TO REMOVE HEAT GENERATED, OR FAILURE MAY OCCUR.

6. WHEN SHAFT IS SLEEVED THROUGH STUFFING BOX, SLEEVE MUST BE LIQUID TIGHT THROUGH BORE.

7. SHAFT OR SLEEVE MUST BE CORROSION RESISTANT MATERIAL WITH A HARDNESS OF 125 BRINELL MINIMUM & BE MACHINED TO DIMENSIONS & TOLERANCES STATED.

8. END OF SEAL CHAMBER & AXIS OF SHAFT MUST BE AT 90° TO EACH OTHER WITHIN F.I.M. .002

9. BEFORE COMPLETING SEAL INSTALLATION WIPE LAPPED SURFACES OF MATING RING (SEAT) & PRIMARY RING (SEAL FACE) PERFECTLY CLEAN.

11. VENT GAS ENTRAPMENT BEFORE STARTUP.

12. ALL SHOULDERS OVER WHICH SEAL MUST PASS WHEN FITTING, TO BE PREPARED AS DIAGRAM BELOW.
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ITEM

DRAWING NUMBER

MATERIAL

SPARES QTY

1 H 1375 872 9221

MATING RING

SILICON CARBIDE

1 X

2 0000 030 9549

O-RING

FLUOROELASTOMER

1 X

3 D 1501 270 9221

PRIMARY RING

SILICON CARBIDE

1 X

4 D 1500 278 5850

BELLOWS

FLUOROELASTOMER

1 X

5 D 1500 725 0550

DISC

316 S.S.

1

6 D 1500 714 0550

RETAINER

316 S.S.

1

7 D 1500 088 0550

DRIVE BAND

316 S.S.

1

8 D 1502 364 0550

SPRING ADAPTER

316 S.S.

1

9 2468

SPRING

316 S.S.

1 X

10 H 1375 950 7510

GASKET

G.F. CHEMLON

1 X

11 4101 4300 002 0500

SNAP RING

18-8 S.S.

1 X

12 0000 220 9549

O-RING

FLUOROELASTOMER

1 X

13 H 1375 905 0550

SLEEVE

316 S.S.

1

14 H 1375 888 0550

COLLAR

316 S.S.

1

15 1710 3206 000 0650

SET SCREW

HARDENED 416 S.S.

4 X

16 H 1375 954 7854

GLAND PLATE ASS'Y **

316 S.S./CARBON

1

17 D 0002 684 0570

SPACER

SINTERED 316 S.S.

4 X

18 2108 3206 000 0550

SOCKET HEAD CAP SCREW

316 S.S.

4 X

19

20

21

22

23

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** H 1376 001 (MACHINED GLAND PLATE ASS'Y)

*** 3196 STX BIG BORE, TAPER BORE VPE, TAPER BORE AXIAL RIBS

TAG # 19-P-061 A/B

A

SEAL ASS'Y NO.
IN- D 1502 471
OUT-
MTG.RG. ASS'Y NO.
IN-
OUT-

BILL OF MATERIALS NUMBER
COMPLETE 1-18 M59936
SEAL HD.
MTG.RG.
ASS'Y ITEMS NUMBER

EQUIPMENT REFERENCE

CUSTOMER INFORMATION:

UNIT BY: Griswold Pump

CUSTOMER:

EQUIPMENT TYPE:
☒ PUMP ☐ AGITATOR
☐ COMPRESSOR ☐ OTHER

P.O.NO.
END USER:
LOCATION:

MODEL / SIZE GRISWOLD 811 S 1.5x1-8 (AA)

REQ.NO.

SERIAL NO.

INSTALLED AT:

SEAL DATA

A.P.I. PLAN A853 Plan 03
A.P.I. CODE
MATERIAL CODE: X1 O58 1 X O58 1 316/316

B

SERVICE DATA

FLUID WATER, WASTE
SEAL PRESSURE 19.7 PSIG
TEMPERATURE 90-110 DEG F
SHAFT SPEED 3600 RPM
REFER Variable Speed

SUCT.PRESS. 0.0 PSIG
DISCH.PRESS. 65.8 PSIG
SP.GR. 1.00
DRAWN DATE CHK'D APP'D SCALE INST CODE
LFK 021897 DSC MGK 2:1
FILE REFERENCE CAT
MG-01

BARRIER FLUID NOT APP.
VISC. AT P.T. 1.0 CP
V.P. AT P.T.
HAZARD CODE

DRAWING No. H-SP-38062-2
ISSUE B

CAD ENGINEERED

SEAL SIZE: Ø 1.375
SEAL TYPE: T-5611-Q BIG BORE VERSION

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