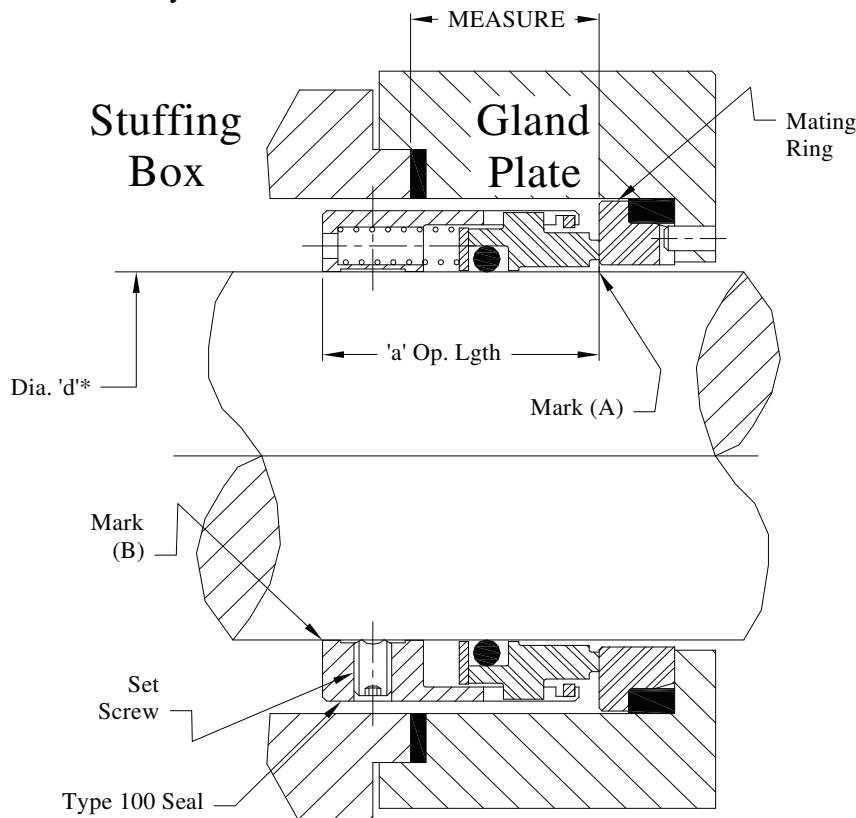


INSTALLING TYPE 100 SEAL

- 1) Make sure that shaft step is free from burrs and that shaft surface is smooth.
- 2) Mark on the shaft the axial location of the mating ring face at location (A), as measured from the stuffing box face.
- 3) After removal of the stuffing box, mark location (B) to establish the axial location of the back end of the seal. If an integral shoulder or a sleeve already exists, verify cleanliness and condition.
- 4) Install the seal and tighten the set screws. Verify with an indicator that the axial and radial run-out do not exceed 0.2 mm (0.008").
- 5) Install the stuffing box. Do not forget to assemble all necessary o-rings or other packing materials before tightening of the screws.
- 6) After verifying that the seal faces are clean, slide the mating-ring assembly into contact with the seal face and lock the assembly.



P/N IS100

*** See reverse side**

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CLASS 100 SEAL OPERATING ENVELOPE

INCH SERIES

'd' – Shaft/Sleeve Size (in)	'a' -Seal Operating LG (in)
0.500	0.750
0.625	0.750
0.750	0.875
0.875	0.875
1.000	1.000
1.125	1.000
1.250	1.000
1.375	1.125
1.500	1.125
1.625	1.125
1.750	1.375
1.875	1.375
2.000	1.375
2.125	1.375
2.250	1.375
2.375	1.375
2.500	1.375
2.625	1.688
2.750	1.688
2.875	1.688
3.000	1.688
3.125	1.688
3.250	1.688
3.375	1.688
3.500	1.688
3.625	1.688
3.750	1.688
3.875	1.688
4.000	1.688
4.125	1.688
4.250	1.688
4.375	1.688
4.500	1.688

METRIC SERIES

'd' – Shaft/Sleeve Size (mm)	'a' -Seal Operating LG (mm)
18	26
20	26
22	26
24	28.5
25	28.5
28	31
30	31
32	31
33	31
35	31
38	31
40	31
43	31
45	31
48	31
50	32.5
53	32.5
55	32.5
58	37.5
60	37.5
63	37.5
65	37.5
68	37.5
70	41
75	41
80	41
85	41
90	46
95	46
100	46

P/N **IS100** Sheet 2 of 2

Date _____ Approval _____

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