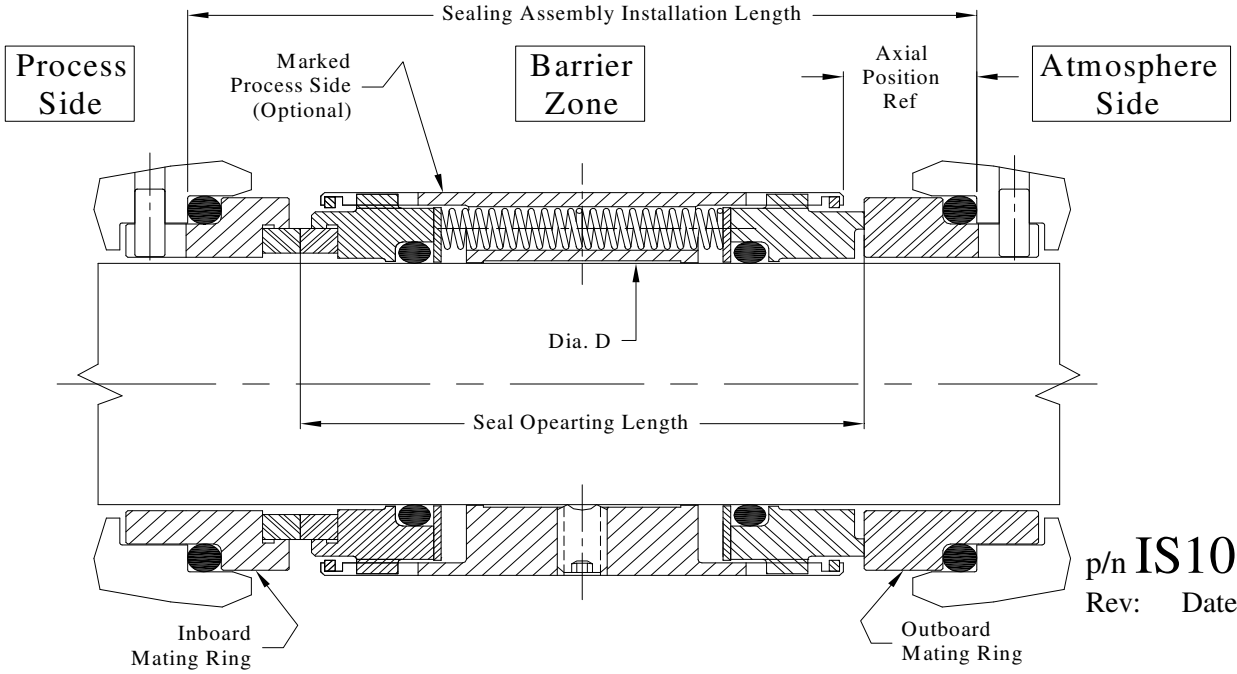
ETTEM ENGINEERING S.A. LTD
אטם הנדסה ש.א. בע"מ
ISRAEL

Installing Type 100D Seal

1) Check the shaft leading edge to be chamfered or rounded and that shaft OD is to size and smooth.
2) Verify the drawing Assembly Installation Length to match the actual application.
3) Because Type 100D is application specific, no step-by-step installation instructions are provided here – only general instructions and guidelines.
4) All seal interface surfaces are to be burr free, smooth and corrosion free. Any specific conditions specified on seal drawings are to be met.
5) Minimum amount of grease / lubricant is to be used for installation. Silicon based lubricant such as Molykote 111 is recommended. Do NOT use hydrocarbon based grease on EP elastomers!
6) Equipment run-out condition must be to acceptable specifications such as ANSI, API , ISO or equal.
7) Axial location of the seal (rotary element of the sealing assembly) may be established in various ways, all are application specific. However, typical instructions include the Axial Position Reference for securing the axial location of the seal.
8) Because the seal assembly is seldom symmetric, special care must be given to the proper location of the Inboard and Outboard Mating Rings and the proper seal direction. When the seal is not symmetric, the Process Side is marked on the seal housing.
9) This type of seal requires positive pressure in the Barrier zone relative to the Process Side pressure. Unless otherwise specified on the seal drawings, barrier pressure is to be 1-2 bar (15-30 psi) over process side pressure at all times.
10) Seal's set screws are to be firmly tightened, equally spaced.
11) Before establishing final contact of seal faces, be sure to have them clean and dry! Lint free cloth moistened with isopropyl alcohol is a recommended choice for face cleaning.



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