

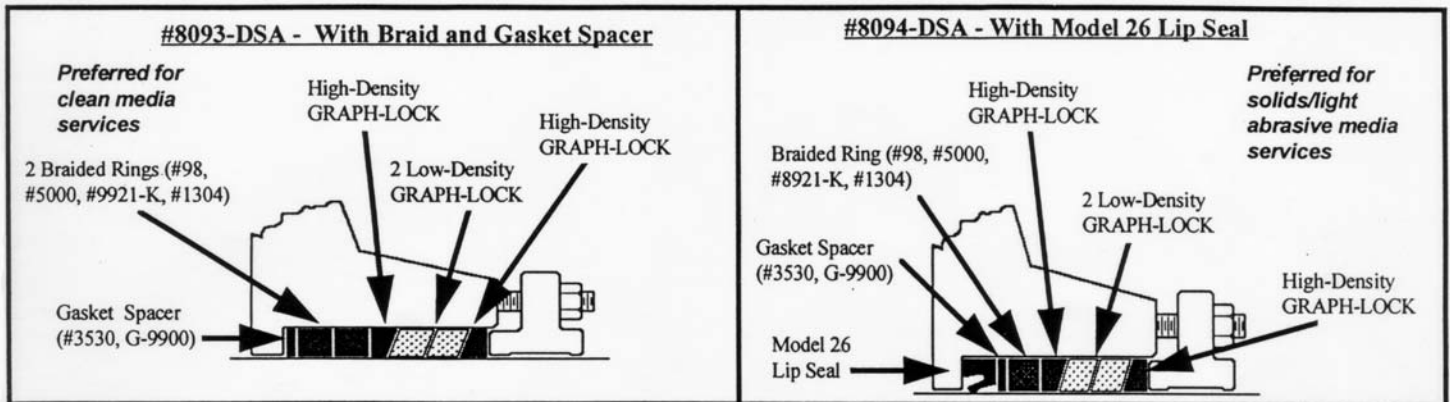
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GARLOCK STYLES

#8093-DSA* and #8094-DSA

*Patent #4,328,974



Garlock Styles #8093-DSA and #8094-DSA

Installation Guidelines

- Restore pump to mechanical seal condition.
- Excess box depth to be filled with a suitable bushing material.
- Install GRAPH-LOCK® ring components by carefully opening rings in a helical fashion, fit around shaft, close ring, and tamp into box.
- Ensure each ring is firmly tamped into place before installing the next component.

Installation Instructions

1. Lubricate each ring ID with a light film of an appropriate break-in lubricant.
2. Install and seat each ring, rotating each ring joint 90° from the previously installed ring (refer to drawing for set configuration and orientation).
3. Position gland follower and finger-tighten gland follower nuts.
4. Compress the packing set a distance equal to 0, 1/4, or 1/2 of a cross-section (set compression is dependent upon pump condition and service application) - see below:
 - a. If the pump is in good operating condition, and in a clean media, position the gland follower and finger-tighten gland nuts.
 - b. If the stuffing box dimensions are up to 1/64" over the packing set dimensions, and/or the media is severely abrasive, compress the set a distance equal to 1/4 of a cross-section.
 - c. If the stuffing box dimensions are greater than 1/64" over the packing set dimensions, and/or the media is severely abrasive, compress the set a distance equal to 1/2 of a cross-section.
5. Start the pump.
6. Adjustments, if necessary, should be proportional to the amount of leakage noted. Do NOT eliminate all leakage at this time. An occasional drip should remain while stuffing box temperatures stabilize.