



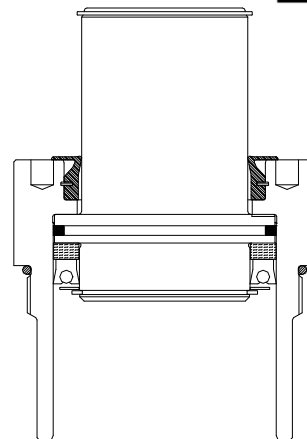
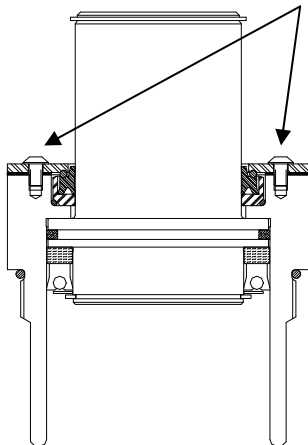
Technical Bulletin

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| Subject: MOR® 0.5-6 Seal Kits | Date: 12/7/2011 | Issue: 11-12 |
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NOTE: This is an expanded version of Technical Bulletin 10-03, and includes information regarding maximum operating temperatures for the standard and higher temperature seal kits. Technical Bulletin 10-03 is now obsolete and should be replaced with Technical Bulletin 11-12.

Effective April 2010, Hyson Products has begun changing the MOR® seal kits to separate the old style and new style MOR cylinders. Prior to this, a single seal kit contained all parts for both styles so there were parts left over after the cylinder was reassembled. Customers were sometimes confused, and concerned that they had not assembled the cylinders correctly. This new offering should allay their concerns, and make repair and maintenance of nitrogen gas cylinders simpler.

Screws on the old style cylinder are the easiest way to distinguish between new and old style cylinders. The seal kit part number stenciled on the cylinder is another way to know which style cylinder you have.



| Old Syle MOR | | |
|----------------|---------------------|---------------------------|
| Seal Kit Part# | Kit Description | Max Operating Temperature |
| 19-100-7000 | MOR 0.5 | 80°C/176°F |
| 19-150-7000 | MOR 1 | |
| 19-209-7000 | MOR 2.5 | |
| 19-262-7000 | MOR 4 | |
| 19-319-7000 | MOR 6 | |
| 19-100-7000-H | MOR 0.5 HIGHER TEMP | 121°C/250°F |
| 19-150-7000-H | MOR 1 HIGHER TEMP | |
| 19-209-7000-H | MOR 2.5 HIGHER TEMP | |
| 19-262-7000-H | MOR 4 HIGHER TEMP | |
| 19-319-7000-H | MOR 6 HIGHER TEMP | |

| New Style MOR | | |
|----------------|---------------------|---------------------------|
| Seal Kit Part# | Kit Description | Max Operating Temperature |
| 20-100-7000 | MOR 0.5 | 80°C/176°F |
| 20-150-7000 | MOR 1 | |
| 20-209-7000 | MOR 2.5 | |
| 20-262-7000 | MOR 4 | |
| 20-319-7000 | MOR 6 | |
| 20-100-7000-H | MOR 0.5 HIGHER TEMP | 121°C/250°F |
| 20-150-7000-H | MOR 1 HIGHER TEMP | |
| 20-209-7000-H | MOR 2.5 HIGHER TEMP | |
| 20-262-7000-H | MOR 4 HIGHER TEMP | |
| 20-319-7000-H | MOR 6 HIGHER TEMP | |

NOTE: Max operating temperature is the highest temperature that the materials in the seal kit can withstand. The effects of ambient temperature on max operating temperature need to be addressed for each application.