Quick and easy installation

**Features**

- **High reliable static mechanical seal**
  - Less susceptible to imprecision on the equipment
  - Be capable of maintaining long-term stability

- **Cartridge types**
  - Allows for easy installation and replacement
  - No need to measure the setting position or make adjustments after installation

- **End faces made of SiC vs SiC**
  - The use of SiC having extremely high degree of hardness allows for use with liquid containing solid particulates

- **ISO- and DIN-standard compatible**
  - Installable on ISO and DIN standard pumps

Sealing face made of SiC vs SiC

Static mechanical seal

Allows for the use of the packing tap bolts that are currently in use

Slim & Compact design
Structure and dimensions

- Speed range: ~15 m/s
  (shaft dia. rotation speed: V m/s)
- Pressure range: 0~0.8 MPaG
- Temperature range: -20~150°C
- Liquid type: Water and Oil
  (max. solid particulate concentration: 5 wt.%)

NOTE
1) Recommended flushing rate: 2~3 l/min
   (to maintain proper lubrication on the sealing face)
2) If the temperature of the fluid is less than -40°C of its boiling point, can be used without flushing and quenching.
3) Please confirm with us, it depend on operating condition, liquid type, pressure, etc.
   In case of the more high-temperature, please do the quenching and external-flushing, and equip cooler.
4) Depending on the material of the O-ring or gasket, application conditions will be changed. (Please see right table)

Usage conditions

PV range

<table>
<thead>
<tr>
<th>Nominal diameter rotation speed: V (m/s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>0.1</td>
</tr>
<tr>
<td>0.2</td>
</tr>
<tr>
<td>0.3</td>
</tr>
<tr>
<td>0.4</td>
</tr>
<tr>
<td>0.5</td>
</tr>
<tr>
<td>0.6</td>
</tr>
<tr>
<td>0.7</td>
</tr>
<tr>
<td>0.8</td>
</tr>
<tr>
<td>0.9</td>
</tr>
<tr>
<td>1.0</td>
</tr>
</tbody>
</table>

Material | Stuffing box temperature (°C) |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NBR</td>
<td>-20~60</td>
</tr>
<tr>
<td>EPDM</td>
<td>-20~100</td>
</tr>
<tr>
<td>KPM</td>
<td>0~150</td>
</tr>
<tr>
<td>Parfluro elastomer</td>
<td></td>
</tr>
</tbody>
</table>

PILAR
NIPPON PILLAR PACKING CO., LTD.

Head Office: 1-1-48, Nonakaminami 2 chome, Yodogawaku, Osaka, 532-0022 Japan.
Tel: 06-6305-1941 Fax: 06-6305-0606

*Specifications and dimensions are subject to change without prior notice.
*The data on this leaflet are only for your reference and are not to be construed as constituting a warranty.
*Pillar Cassette Seal® is registered trademark of NIPPON PILLAR CO., LTD.

**caution**
Flow the instructions, before instration and operation, for your safety.

URL: http://www.pillar.co.jp/ | mail: sales@pillar.co.jp

CAT.No.111602 1611(Kc)1