Simplex Basic – aft seal

General description

- 3-ring sterntube seal for standard applications
- Since 1992 thousandfold market approved
- Certified by all major classification societies
- Mainly up to seal size 400

Advantages

**Design**
- Market approved seals → reliable equipment covering the range up to size 400
- Simplified design → no pipe for oil supply to the seal needed. Less installation efforts
- Customised and tailor-made → meets new building and retrofit demands

**Installation**
- Delivered fully assembled and tested → immediate and easy installation by the shipyard

**Operation**
- Self-operating → reduced risk of operating failure

**Services**
- Designed for in-situ overhaul as per certified and approved Simplex repair standards
- Worldwide service network and availability of spares
Function

- A stationary housing guides the Simplex sealing rings (2 facing water/1 facing sterntube oil). The rotating liner is fixed to the propeller.

- Oil chamber (I + II) are initially filled with lube oil to ensure proper lubrication.

Configuration

<table>
<thead>
<tr>
<th>Split design</th>
<th>Material housing</th>
<th>Liner coating</th>
<th>Upgrades</th>
<th>Distance ring</th>
<th>Bio oil durable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liner</td>
<td>Housing</td>
<td>Cast iron</td>
<td>Bronze</td>
<td>Ceramic</td>
<td>Tungsten carbide</td>
</tr>
<tr>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

Available/required  ○ Available on request  − Not available

SKF Marine GmbH
Hermann-Blohm-Straße 5
20457 Hamburg, Germany
sales@skf-marine.com