Excellent Durability and Vibration Absorption

Specific Features

- **Combination of Advantages of Reinforced Plastic with Those of Elastomer**
  The outer shell is made of reinforced plastic formed with glass cloth or cotton cloth, and the sliding face is made of elastomer. Therefore, it is of high adhesive property, excellent corrosion resistance and light weight.

- **Outstanding Durability and Stable Performance**
  Shaft load is balanced by high elasticity of rubber and increased coverage area to avoid concentrated load in the aft end.

- **Effective Absorption of Shaft Vibration**
  With the unique features of rubber, the EVR absorbs shaft vibration and prevents premature wear down of components.

- **Prevention of Electrolytic Corrosion on the Shaft Sleeve**
  Since the construction materials are non-conducting, EVR bearing cuts the corrosive electric current from the shaft sleeve and prevents the shaft sleeve surface from getting rough.

- **Straight Type Bearing**
  The outer shell is made of cotton cloth reinforced plastic (CRP) which is impregnated by thermosetting resin. It is suitable to be installed in ships with relatively small diameters.

- **Flange Type Bearing**
  The outer shell is made of Glass cloth reinforced plastic (GRP), and is suitable for relatively larger diameter.

- **Temperature Control**
  Cooling water is required for prevention of aging and fatigue on the bearing due to heat build up. During the shaft rotation, it is recommended to cool the bearing to the normal temperature as shown in the table below. Do not rotate the shaft without supplying water.

<table>
<thead>
<tr>
<th>Sleeve O.D.</th>
<th>Water Flow Rate</th>
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<tbody>
<tr>
<td>Ds&lt; φ350mm</td>
<td>(5~5.5)Ds²×10⁻⁵m³/hr</td>
</tr>
<tr>
<td>Ds≥ φ350mm</td>
<td>(6~7)Ds²×10⁻⁵m³/hr</td>
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