



Technical Features

VBXX® Interface, Ground Rotor Surface

Applications

Shaft Mounted Geardrives, Gearboxes, Flooded Shafts

Industries

All

STS TECHNICAL DATA

A two part dynamic seal consisting of a rotor and a stator that combines a contact seal with the VBXX interface to provide proven bearing protection in flooded environments.

Standard Material: Bearing Bronze, 416 Stainless Steel

Movement: Axial- 0.005 in. [0,13 mm] | Radial- 0.015 in. [0,38 mm]

Temperature (Elastomers): Stator Gasket: Nitrile- -35°F [-37°C] – 250°F [121°C]

Rotor Drive Rings: FKM- -15°F [-26°C] – 400°F [204°C]

Pressure: 0 psi [bar]

Speed: 10,000 RPM

Shaft Size: 0.625 in. [15,88 mm] – 15 in [381 mm] Consult engineering for shaft sizes above 6 in. [152,4 mm]

Standard Press Fit: 0.002 in. [0,05 mm] diametric

Standard Overall Lengths: 0.750 in. [19,05 mm], 0.900 in. [22,86 mm]

* Consult Inpro/Seal engineering for operating conditions outside limits shown above