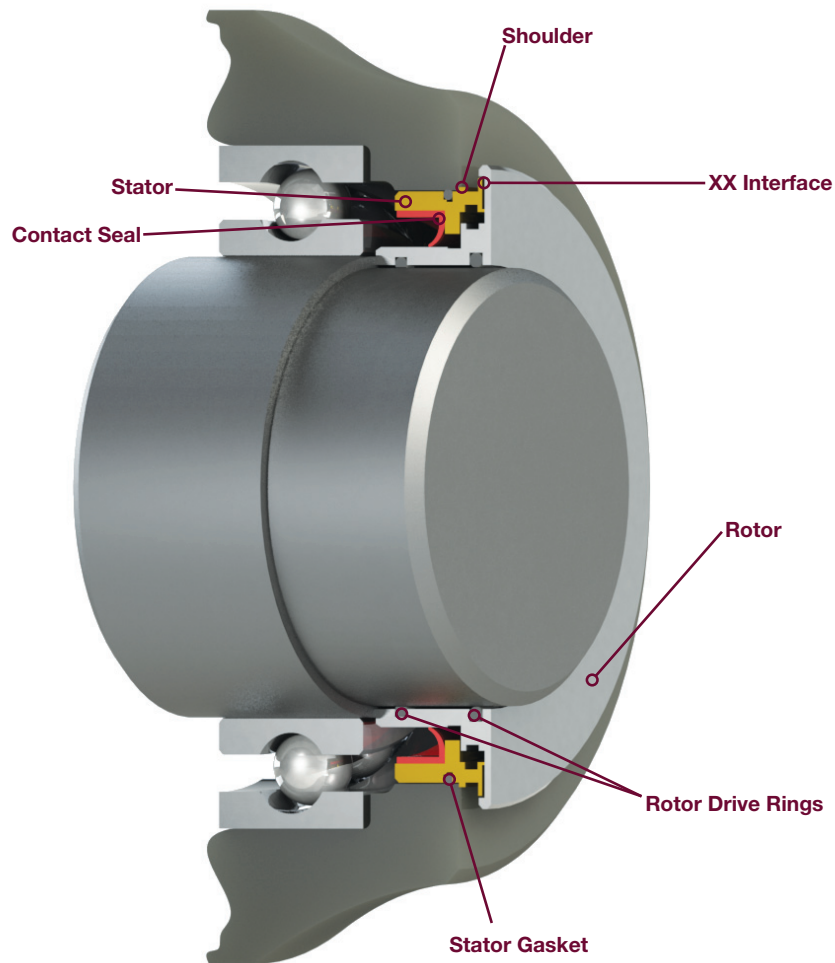


# BEARING ISOLATOR

STS



## Technical Features

XX 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 XX interface to provide proven bearing protection in flooded environments.

**Standard Material:** Bearing Bronze, 416 Stainless Steel

**Movement:** Axial- 0.13 mm [0.005 in.] | Radial- 0.38 mm [0.015 in.]

**Temperature (Elastomers):** Stator Gasket: Nitrile- -37°C [-35°F] – 121°C [250°F] Rotor Drive Rings: FKM- -26°C [-15°F] – 204°C [400°F]

**Pressure:** 0.34 bar [5 psi]

**Speed:** Up to 5,000 SFPM depending on application

**Shaft Size:** 15.88 mm [0.625 in.] – 381 mm [15 in.]  
Consult engineering for shaft sizes above 152.4 mm [6 in.]

**Standard Press Fit:** 0.05 mm [0.002 in.] diametric

**Standard Overall Lengths:** 19.05 mm [0.750 in.],  
22.86 mm [0.900 in.]

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



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