

**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: 5 bar [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