**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

**Technical Features**
- XX Interface, Ground
- Rotor Surface

**Applications**
- Shaft Mounted Geardrives, Gearboxes, Flooded Shafts

**Industries**
- All