



Technical Features

VBXX® Interface, VBX® O-Ring

Applications

Motors, Pumps, General Use

Industries

All

VBXX VERTICAL DOWN TECHNICAL DATA

A two part compound labyrinth seal consisting of a rotor and a stator that excludes contamination and retains lubrication. Placed on the bottom of applications with a vertical down shaft.

Standard Material: Bearing Bronze

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] VBX O-Ring: FKM- -15°F [-26°C] – 400°F [204°C] Rotor Drive Ring: FKM- -15°F [-25°C] – 400°F [204°C]

Pressure: 0 psi [bar] **Speed:** 10,000 RPM

Shaft Size: 0.625 in. [15,88 mm] – 48 in [1220 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: 0.625 in. [15,88 mm], 0.700 in. [17,78 mm], 0.900 in. [22,86 mm]

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