



Processing
BREAKTHROUGH
PRODUCTS 2017
WINNER

BEARING ISOLATOR

VB45-S

Technical Features

IP66 Rated, XX Interface, VB45 Chamber, VBX® Ring, D-Groove, 15.88 mm (0.625 in.) overall length

Applications

Pumps, Motors, General Use

Industries

All

VB45-S TECHNICAL DATA

An IP66 rated Bearing Isolator with a 15.88 mm (0.625 in.) overall length that permanently excludes contamination and retains oil lubrication.

Standard Material: Bearing Bronze

Movement: Axial- 0.13 mm (0.005 in.) | Radial- 0.25 mm (0.010 in.)

Temperature (Elastomers): Stator Gasket: Nitrile- -37°C (-35°F) – 121°C (250°F) VBX® Ring: FKM- -26°C (-15°F) – 204°C (400°F) Rotor Drive Ring: FKM- -26°C (-15°F) – 204°C (400°F)

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

Shaft Size: 22.23 mm (0.875 in.) – 152.4 mm (6 in.) Consult engineering for shaft sizes above 152.4 mm (6 in.)

Standard Press Fit: 0.05 mm (0.002 in.) diametric

Standard Overall Length: 15.88 mm (0.625 in.)

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