



Technical Features

IP66 Rated, VBXX® Interface, VBX® Ring, VB45 Chamber, Unitized Design, D-Groove, Coalescing Ring

Lubrication Types

Pure Oil Mist, Purged Oil Mist, Oil Bath, Grease

Applications

Motors, Pumps, General Use

VB45-U TECHNICAL DATA

An IP66 rated compound labyrinth seal consisting of a unitized rotor and stator that excludes contamination and retains lubrication. This unique design allows for axial movement and has a short overall length with universal lubrication capabilities.

Standard Material: Bearing Bronze, Stainless Steel, Other

Movement: Axial- 6.35 mm [0.250 in] or greater | Radial- 0.25 mm [0.010 in]

Temperature (Elastomers): Stator Gasket, VBX O-Ring, Rotor Drive Ring: FKM- -26°C [-15°F) – 204°C [400°F] Coalescing Ring: PTFE- 260°C [500°F]

Pressure: 0 bar [psi]

Speed: 10,000 SFPM Consult Inpro/Seal engineering for speeds exceeding 6,000 SFPM.

Shaft Size: 15.88 mm [0.625 in] – 1220 mm [48 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: 17.78 mm [0.700 in]

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