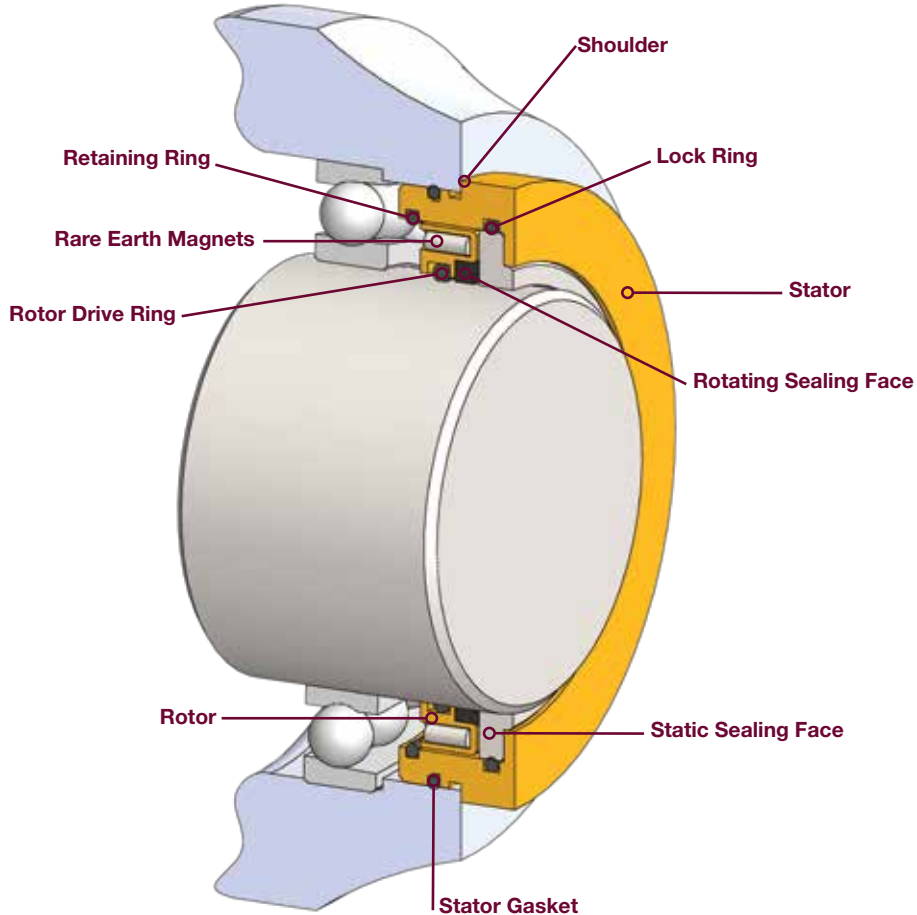


BEARING ISOLATOR

VBMag[®]



Technical Features

Bullet Magnets, Lapped Faces
Energized by Magnetic Force

Applications

Oil Mist Lubricated Pumps,
Gearboxes, Flooded Shafts,
Soot Blowers, Various Flooded
Applications

Industries

All

VBMag TECHNICAL DATA

Magnetic Bearing Isolator design for oil mist, high oil splash or flooded bearing environments.

Standard Material: Bearing Bronze, 416 Stainless Steel,
Carbon Filled Teflon, Rare Earth Magnets

Movement: Axial: 0.25 mm (0.010 in.)
Radial: 0.25 mm (0.010 in.)

Temperature Range: -26°C (-15°F) – 149°C (300°F)

Pressure: 0.345 bar [5 psi]

Speed: 4,000 SFPM

Shaft Size: 25.40 mm (1.000 in.) – 120.65 mm (4.750 in.)
Consult engineering for shaft sizes above 120.65 mm (4.750 in.)

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

Standard Overall Length:

Shaft Sizes Under 101.60 mm (4.000 in.): 17.78 mm (0.700 in.)
Shaft Sizes Over 101.60 mm (4.000 in.): 22.86 mm (0.900 in.)

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



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