

Bearing Protection Device

The **Orion Engineered Seals Bearing Protection Device (BPD)** is a revolutionary, patented sealing solution that provides maximum protection against contaminants while maintaining lubrication in the bearing. The Orion BPD's innovative design enables bearing protection that is more durable and reliable than any other competing product on the market today.

What Makes Orion BPD Better

Two Vertical Internal Chambers – The Orion BPD utilizes the laws of physics with the vertical alignment of the internal chambers to create the most effective and efficient bearing protection device on the market today.

Internal Static Elastomers– BPD is a true non-contacting device with two internal static elastomers, eliminating the potential of dynamic oring hang up.

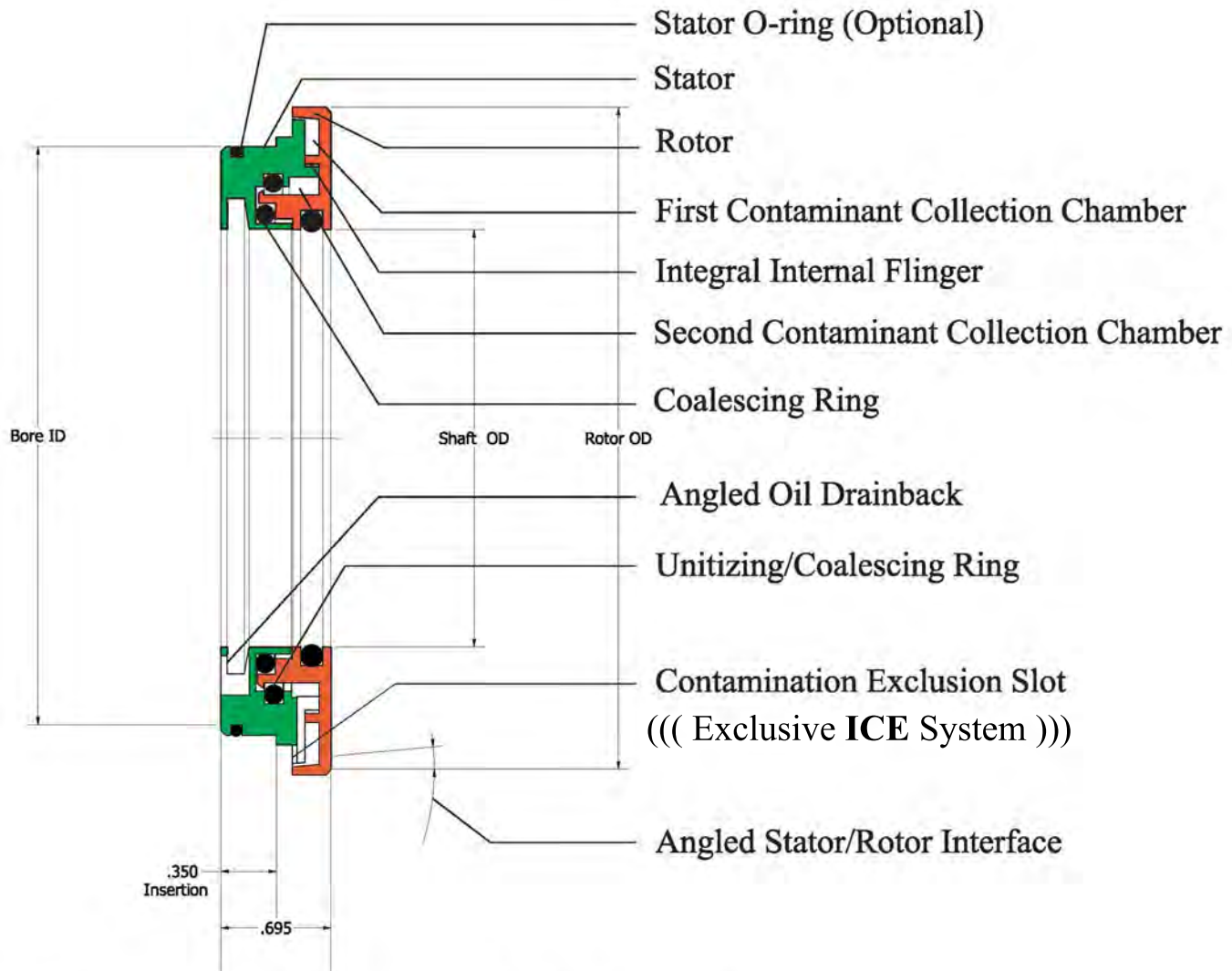
Contaminant Exclusion – With double exclusion chambers, the Orion BPD can exclude higher volumes of contaminant, ensuring longer bearing life.

Angled Oil Return – With an angled oil return, the Orion BPD offers enhanced return flow and higher volume capacity with no oil leakage.

Angled Interface - While competing products offer a straight interface, the Orion BPD features an angled interface, giving the contaminant direction and flow to expel more efficiently.

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Orion BPD Features



Common Applications

- Centrifugal pumps
- Steam turbines
- Motors
- Gearboxes
- Mixers
- Blowers/fans
- Pillow block bearings

Standard Materials

- Stainless Rotor
- Bronze Stator
- Viton® Elastomers
- All Other Material Combinations Available

To find out more about maximum bearing protection with no hang-up, contact us at 513-765-8100 or visit us at www.orionseals.com



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USA

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