PEEK Polymer Sleeve Bearing
for MSG® TURBO-AIR® 3000 Centrifugal Compressors

Optimize Your Compressor Performance

How PEEK Delivers Better Performance

The PEEK Polymer sleeve bearing enhancement for MSG® TURBO-AIR® 3000 compressors improves heat transfer properties inherent to the uniquely formulated Polyethylene Ketone thrust surface. This allows the bearing to tolerate three times the axial load and to run at nearly half the axial float of a typical taper-land thrust bearing.

The sleeve bearing has also allowed our engineers to incorporate tighter impeller axial tip clearances that also helps to maintain higher performance and efficiency.

Increased Reliability

The Polyketone surface is also highly resistant to contamination and corrosion, enabling reliable operation in harsh environments. Bearing reliability is further enhanced by directed lubrication channels that deliver an optimized supply of TurboBlend™ 46 lubricant to key areas of the bearing.

Achieve increased reliability and dependability in rigorous environments without sacrificing overall compressor performance and efficiency.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>AAMF009950-03060</td>
<td>New Bullgear, 50 Hz</td>
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<tr>
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Each Retrofit Kit Includes:

- Bullgear (new or re-machined)
- PEEK polymer thrust bearings
- All required piping and fasteners
- Bearing retainers
- Bullgear oil seal
- Reassembly SGO kits

CARE Maintenance Programs | RELIABILITY FOR LIFE

Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing an Ingersoll Rand CARE maintenance service program — from full risk transfer to routine maintenance or parts coverage — you are investing in your future with a trusted global partner.

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, and increase industrial productivity and efficiency. We are a $13 billion global business committed to a world of sustainable progress and enduring results.

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