



PEEK Polymer Sleeve Bearing

for MSG® TURBO-AIR® 3000 Centrifugal Compressors

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

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.



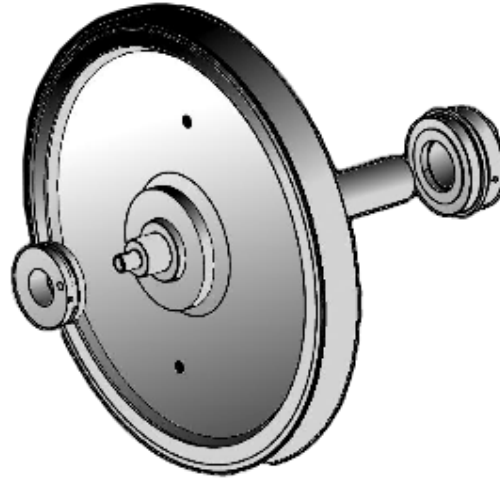
MSG TURBO-AIR 3000

Ordering Information

Part Number	Description
AAMF009950-03060	New Bullgear, 50 Hz
AAMF009950-03050	New Bullgear, 60 Hz
AAMF009950-13060	Re-machined, 50 Hz
AAMF009950-13050	Re-machined, 60 Hz

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.



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