

# Custom Thrust Bearing

## OEM TRANSMISSION DRIVE

### PROBLEM

An OEM had been purchasing expensive bearings for their transmission drives – bearings that did not meet their needs or suit their drive units.

### SOLUTION

During visits and extensive communication with the customer during Kilian's due diligence, it was determined the bearing they were using was over-engineered for the application and when simplified would provide improved results.

The Kilian™ team engineered a slimmed down, cost-effective custom bearing solution that incorporated three stamped components with installed rollers. And because the bearing had very little load and did not need to handle a heavy capacity, they could use inexpensive materials and assemble the bearings in such a way that parts would be simple and inexpensive. Kilian helped the customer realize that sometimes an overdesigned off-the-shelf solution isn't better, and that the best solution is often a simple solution custom-made for an application.

The new money-saving thrust bearing surpassed the customers' expectations. Additionally, the innovative design enhanced the overall product quality and performance... an advantage that Kilian customers have come to expect.



### HIGHLIGHTS

- Custom thrust bearing solution
- Design incorporates three stamped components with installed rollers
- Reduced costs

### Regal Rexnord

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