

TIMKEN® FAFNIR® MOUNTED BALL BEARINGS WITH SHAFT GUARD TECHNOLOGY™ INCREASE UPTIME AND APPLICATION LIFE, SAVE \$63,000

CHALLENGE ▼

In one of the world's busiest metropolitan airports, constant bearing failure in its baggage handling conveyors created a lot of downtime – and a lot of frustration for travelers. The cause? Set screw shaft damage, which resulted in breakdowns, time-consuming removal of the damaged mounted bearings and excessive rebuild times.

TIMKEN SOLUTION ▼

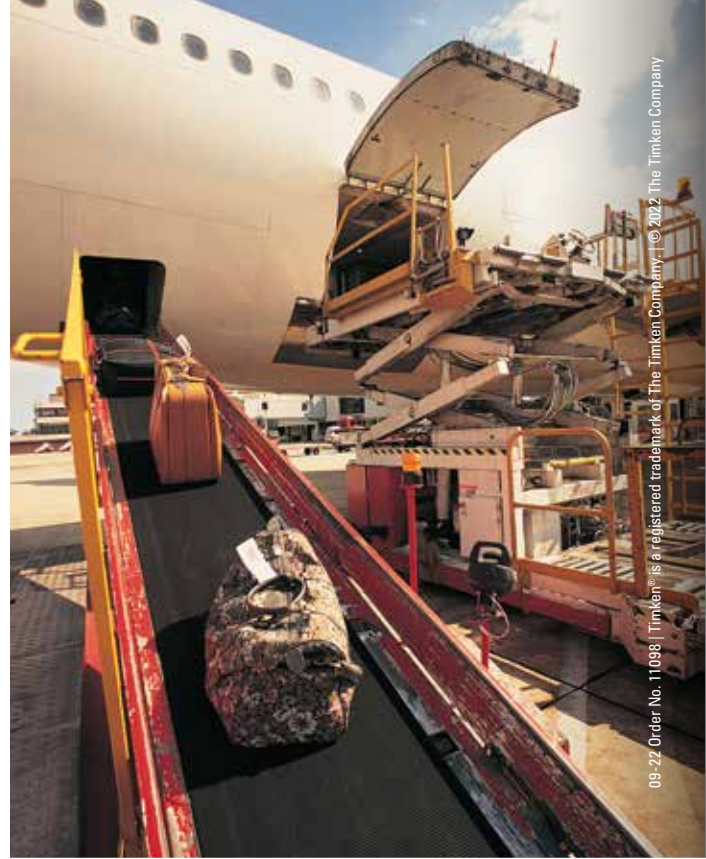
Timken's service engineers recommended replacing the existing units with Timken® Fafnir® mounted ball bearings with Shaft Guard Technology™. They prolong shaft life while allowing easy installation and removal of a standard set screw unit. The technology minimizes shaft damage by protecting shafts from gouging, raised metal and fretting corrosion, which is ideal for an environment where uptime is essential.

RESULTS THAT MATTER ▼

To date, we have replaced 500 existing units with our Timken Fafnir mounted ball bearings with Shaft Guard Technology – saving \$63,000 annually in the process.

Our solution:

- Enhanced shaft protection.
- Reduced maintenance and downtime.
- Optimized performance.



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500 = **\$63k**
REPLACEMENT UNITS OF SAVINGS PER YEAR



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.