TIMKEN



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 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.

500 = **$63K**

REPLACEMENT UNITS — OF SAVINGS PER YEAR

The Timken Company partners with customers to design and manufacture advanced motion technology systems and components for critical end markets including aerospace and defense, power and electrification, and automation and industrial solutions. With more than 125 years of specialized engineering expertise, we power performance across the application lifecycle.

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