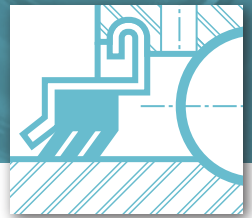
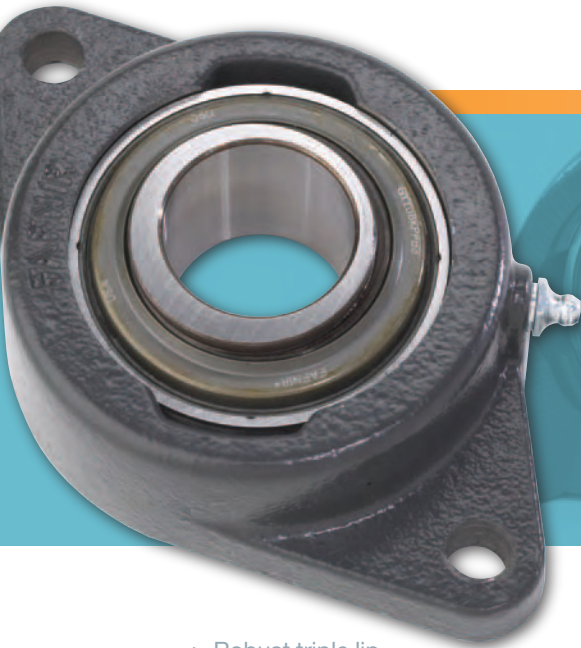


# TIMKEN®

## Fafnir®

Timken® Fafnir® T-series housed units are specifically designed to handle severely contaminated environments.

## SEVERE CONTAMINANT BALL BEARING HOUSED UNITS



- > Robust triple lip seal design
- > Superior performance in highly contaminated applications
- > Ideally suited to agricultural and other demanding applications
- > Eccentric locking collar design
- > Optimal lubrication through the bearing

### Most popular configurations:

- > High (TAS) and low (TAK) base pillow blocks
- > Four-bolt flange (TCJ)
- > Two-bolt flange (TCJT)

Tri-ply seal ball bearing housed units are ideally suited for severely contaminated and wet environments.

Timken® Fafnir® T-series housed units feature a one-piece, triple-lip seal that incorporates a highly effective seal design molded to an exterior shroud cap. The shroud cap protects the seal from abrasive materials and its triple lip design helps reduce the entry of contaminants and moisture into the bearing. The seal lands are hardened and ground for longer life.

The wide inner ring bearings in T-series housed units feature a molded 6/6 nylon retainer that is thermal set to withstand temperatures higher than the limiting temperature of the bearing itself, while withstanding misalignment in operation.

Available in a broad range of configurations and sizes, Fafnir T-series housed units are an unmatched performance package that withstands a wide range of corrosives and contaminants.

## T-series Benefits

Resistance to severe contamination

Tri-ply seals hold up to some of the dirtiest, toughest environments.

Seal does not absorb or wick moisture

Longer seal and land integrity.

Superior seal retention

The Fafnir curl securely holds the seal in the outer ring, preventing rotation in even the most contaminated environments.

Leading eccentric locking collar design

Fafnir original-designed locking collar provides superior holding power to set screw design.

Greater shaft stability

Full width inner ring provides greater shaft stability.

## Applications

> Agricultural equipment (field prep, planting, harvesting, sorting and cleaning)

> Construction (shingle manufacturing, linoleum flooring)

> Demanding conveyor applications (power plants, waste-to-energy plants)

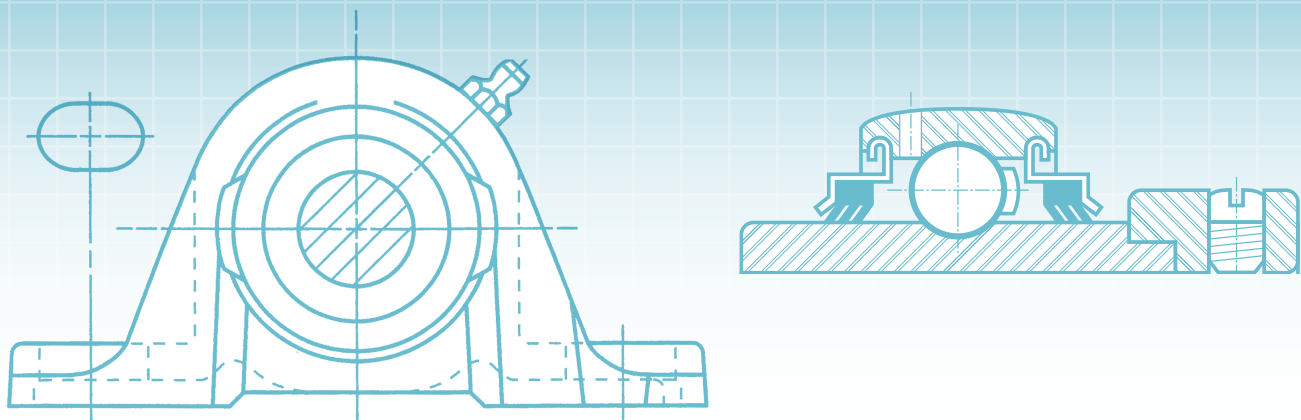
> Foundries

> Process industries

> Quarries

> Washing equipment

Available as complete mounted units or stand alone insert bearings.



## Important

Prior to use in applications with speeds in excess of 500 rpm, or in applications that require low startup torque, please consult your Timken sales engineer.

## Ordering Information

Timken Fafnir T-series housed units are available in a range of popular sizes from 1 to 2-3/16 inches. Orders may be placed through any Timken sales office or authorized distributor branch throughout North America.

For your nearest Timken sales representative, call (800) 223-1954. Outside the U.S. and Canada, call (330) 438-3000.

**TIMKEN**  
Where You Turn

Timken is the registered trademark of  
The Timken Company.  
[www.timken.com](http://www.timken.com)

© 2005 The Timken Company  
Printed In the U.S.A.  
15M-09-05 Order No. 7731