



**TIMKEN**

# TIMKEN® TYPE E TAPERED ROLLER BEARING HOUSED UNIT SECONDARY SEALING SYSTEM

**Timken offers the most robust sealing system in the industry for Type E Housed Units.**

- Help your Type E unit last longer against contamination and moisture with the Timken unrivaled multi-point sealing system.



**Pillow Block: Two-Bolt Base**



**Pillow Block: Four-Bolt Base**

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***Users of this sealing system reported significantly increased uptime in severely contaminated and wet environments.***

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- Give your housed unit extra protection with rugged, cost-effective covers designed to fight heavy contamination in industries where particulates are a challenge.
- Keep your bearings performing, even in harsh, dirty applications with the higher abrasion-resistant triple-barrier internal seal.
- Type E Secondary Sealing System available in the full range of units from 1 $\frac{3}{16}$ " to 5" and 35 mm to 100 mm.



**Flange: Four-Bolt**



**Flange: Piloted**



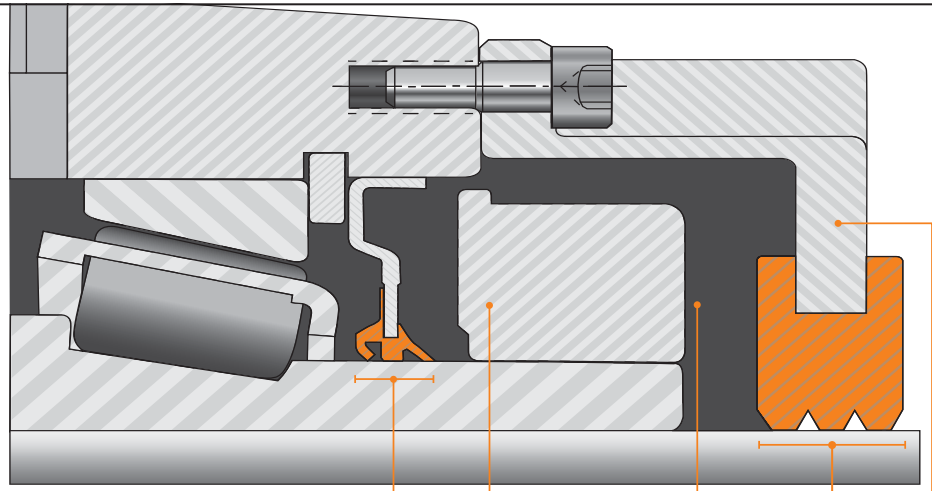
**Take-Up: Wide Slot**



**Take-Up: Top Angle**



# UNRIVALED MULTI-POINT SEALING SYSTEM



### Upgraded triple-barrier internal bearing seal

- Two contact lips and one rigid middle labyrinth section to help retain grease and reduce contamination ingress
- New enhanced seal material to provide greater performance with 2X more abrasion resistance than the industry standard nitrile seal

### Locking collar

### Grease in cavity of end cover

### Triple-lip external rubber through shaft seal

### External secondary cover

Points of Sealing:

**3**

**1**

**1**

**3**

**1**

## TYPE E TAPERED HOUSED UNIT SECONDARY SEALING SYSTEM NOMENCLATURE

Sealing System kits include Type E housed unit and end covers and will come with upgraded higher abrasion-resistant bearing seals.

**E - P2B - TRB - 2<sup>15/16</sup> - ECO/ECO**

**Housing Options:**  
E – Type E dimensions

**Rolling Element:**  
TRB – tapered roller bearing

### Secondary Sealing Kit Options:

- ECO – Type E housed unit with one open end cover
- ECC – Type E housed unit with one closed end cover
- ECO/ECO – Type E housed unit with two open end covers
- ECO/ECC – Type E housed unit with one open and one closed end cover

### Housing Construction Options:

- P2B – pillow block: two-bolt, cast iron
- P4B – pillow block: four-bolt, cast iron
- 4BF – flange: four-bolt, cast iron
- PF – flange: piloted, cast iron
- TU – take-up: wide slot, cast iron
- TTU – take-up: top angle, cast iron

### Bore Code: Bore Size:

- 1 3/8 – 1 3/8 in.
- 2 15/16 – 2 15/16 in.
- 5 – 5 in.
- 35MM – 35 mm
- 120MM – 120 mm



## STRONGER OUTSIDE, SMARTER INSIDE –

Timken® Housed Units deliver a single brand solution for consistency, control and confidence.



# TIMKEN

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 high-performance mechanical components, including bearings, belts, chain, gears and related mechanical power transmission products and services.

**Stronger. By Design.**

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