



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

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

- 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 (**standard in all units**).
- Type E Secondary Sealing System available in the full range of units from 1 $\frac{3}{16}$ in. to 5 in. and 35 mm to 100 mm.
- **All units can accommodate end covers which can also be purchased separately.**



Flange: Four-Bolt



Flange: Piloted



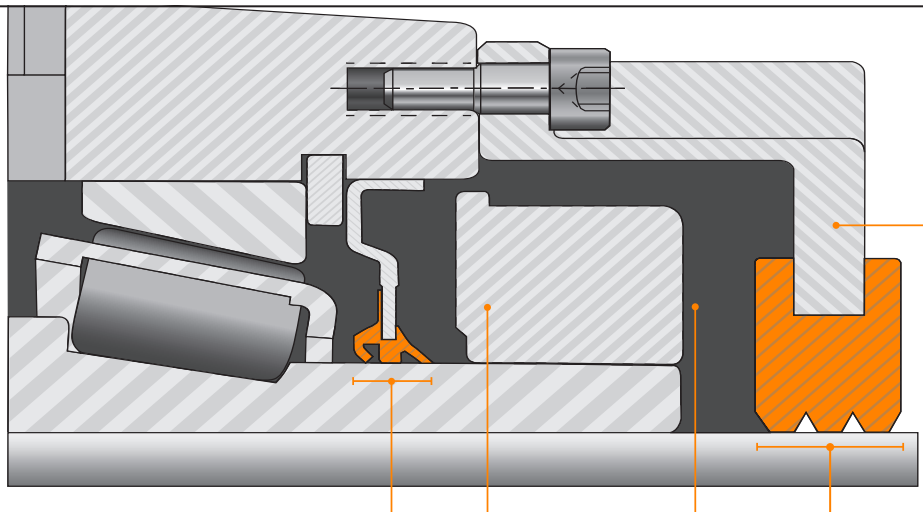
Take-Up: Wide Slot



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 15/16** - **ECO/ECO**

Housing Options:
E Type E dimensions

Rolling Element:
TRB Tapered roller bearing

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

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

Single covers available for purchase.

Open End Cover Nomenclature.

E **U** **DR** - **2 15/16**

Housing Options:
E Type E dimensions

End Cover Type:
DR Open End Cover with DR seal

End Cover Material:
U Urethane

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

Closed End Cover Nomenclature.

E **U** **C** - **F**

Housing Options:
E Type E dimensions

End Cover Type:
C Closed End Cover

End Cover Material:
U Urethane

Housing End Cover Series:
A thru K*
*See End Cover Dimension Sheet
Example:
F 2 1/4 in. - 2 7/16 in. (60 mm - 65 mm)



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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