

TIMKEN



**STRONGER OUTSIDE.
SMARTER INSIDE.**

TIMKEN® HOUSED UNITS, ONE OF THE BROADEST LINES OF MOUNTED BEARING SOLUTIONS



TIMKEN® FAFNIR® BALL BEARING HOUSED UNIT

LOCK IN PRODUCTIVITY. OPERATE CLEANER.

Safeguard system performance and reduce costly wear and tear with superior contamination protection. Multiple sealing and locking solutions, including eccentric and set screw, provide support for demanding applications. Set screw solution features Shaft Guard Technology which eliminates shaft damage from set screws.



TIMKEN® U SERIES BALL BEARING HOUSED UNIT

INSTALL CONFIDENCE. BOOST PERFORMANCE.

Cover your needs with five different housing designs—plus replacement inserts—in an extensive range of metric and imperial sizes. Interchangeable in a wide variety of machines, these units are installed with confidence around the world.



TIMKEN® SPHERICAL ROLLER BEARING SOLID-BLOCK HOUSED UNIT

TOUGH APPLICATIONS. BETTER SOLUTIONS.

Engineered for the harshest conditions, these units feature multiple steel-housing and locking options with complete multi-point sealing solutions (full range of end covers) to optimize your uptime. This drop-in solution is interchangeable with a large range of products and keeps contaminants out for efficient operations.



TIMKEN® SNT PLUMMER BLOCK HOUSED UNIT

SPLIT DESIGN. SOLID PERFORMANCE.

Keep lubrication in and contamination out. Protected by a split-design cast iron or ductile iron housing with a Timken® High-Performance Spherical Roller Bearing inside, you get a versatile solution.



TIMKEN® SAF SPLIT-BLOCK HOUSED UNIT

KEEP MOMENTUM. SEE RESULTS.

Combine fast installation with reliability in rugged environments. Available with a cast iron, ductile iron or cast steel, the split-design blocks are easy to install and reduce servicing times.

TAPERED ROLLER BEARING



TIMKEN® TYPE E TAPERED ROLLER BEARING HOUSED UNIT

BEAT EXPECTATIONS. EXCEED STANDARDS.
Manage high axial and radial loads and avoid contamination. Unlock premium performance with an unrivaled multi-point internal and external sealing solution (full range of end covers) to protect the bearing and improve grease retention. Standard solid-block and self-aligning split-block units available.

CYLINDRICAL ROLLER BEARING



TIMKEN® SPLIT CYLINDRICAL ROLLER BEARING HOUSED UNIT

FIT ANYWHERE. SAVE EVERYWHERE.
Reduce maintenance downtime in trapped applications by up to 90% versus conventional units. An innovative split-to-the-shaft bearing is easy to interchange with conventional or split units. Fast and simple replacement of bearing components keeps your operations efficient and on schedule.



CORROSION-RESISTANT



TIMKEN® CORROSION-RESISTANT BALL BEARING HOUSED UNIT

SAFE MANUFACTURING. SERVING FRESH SOLUTIONS.
Housings available in polymer or stainless steel help elevate food safety and improve production reliability. Product equipped with a full stainless bearing insert and food grade grease as standard with solid-lube options. Engineered to protect against corrosion and a variety of wet and dry contaminants.



TIMKEN® CORROSION-RESISTANT POLY-ROUND® PLAIN BEARING HOUSED UNITS

REDUCED DOWNTIME. INCREASED FOOD SAFETY.
USDA-accepted bearings made from high-performance polymers are greaseless with no rolling elements. These completely corrosion-resistant units are unaffected by wash-down or process moisture. The optional metal detectable Poly-Round® insert and the optically detectable blue housings are designed to help eliminate food contamination. When the Poly-Round insert wears in one direction, it can be rotated 180° to use unworn portion to increase bearing life.

BROADEST SELECTIONS OF MOUNTED BEARINGS

- Trusted brand
- Proven products
- Engineered results
- Housed in strength
- Broad range

Strong operational results come from repeatable, reliable performance. Reduce damage, contamination and downtime. Install Timken® Housed Units to achieve:

- Consistency
- Control
- Confidence

	Fafnir® Ball Bearing	U Series Ball Bearing	Spherical Roller Bearing Solid-Block	SNT Plummer	SAF Pillow	Type E	Split Cylindrical Roller Bearing	Corrosion-Resistant	Corrosion-Resistant
Bearing Insert	Wide Inner Ring Ball Bearing	Wide Inner Ring Ball Bearing	Spherical Roller Bearing	Spherical Roller Bearing	Spherical Roller Bearing	Tapered Roller Bearing	Cylindrical Roller Bearing	Stainless Ball Bearing	Poly-Round® Plain Bearing
Size range - Shaft size	½ – 3 13/16 in	½ – 5 ½ in	1 7/16 – 15 in		1 ¾ – 19 ½ in	1 ¾ – 5 in	1 7/16 – 24 in	½ – 2 in	½ – 3-½ in
	12 – 90 mm	12 – 140 mm	40 – 380 mm	20 – 500 mm		35 – 125 mm	40 – 600 mm	20 – 50 mm	12 – 90 mm
Housing Design	Solid	Solid	Solid	Split	Split	Solid & Split	Split & Solid	Solid	Solid
Housing Materials	Cast Iron	Cast Iron	Cast Steel	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Stainless	Stainless
	Pressed-Steel			Ductile Iron	Ductile Iron	Cast Steel	Ductile Iron	Polymer	Polymer
	Malleable-Iron				Cast Steel				
	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓						✓	✓
	✓	✓	✓			✓	✓	✓	✓
	✓	✓	✓			✓	✓	✓	✓
	✓	✓	✓			✓	✓	✓	✓
	✓						✓	✓	✓
	✓	✓						✓	✓
Locking Styles	Set Screw (Shaft Guard Technology on Y Series)	Set Screw	Eccentric	Taper Adapter Sleeve	Taper Adapter Sleeve	Double Concentric	Double Clamp Rings	Set Screw	Adapter Sleeve
	Concentric	Eccentric	Concentric	Cylindrical Mounting	Cylindrical Mounting				
	Eccentric	Taper Adapter Sleeve	Taper Adapter Sleeve						
			V-Lock® Series						
Sealing	Single-Lip: Shrouded & Molded	Three-Element with Flinger	Labyrinth – DuPont™ Teflon®	Labyrinth	Labyrinth	Triple-Barrier	8 styles, (Kevlar® Packing and Aluminum Triple Labyrinth)	Three-element with Flinger	
	Tri-ply		Triple-lip – Nitrile, Urethane, Viton™	Taconite	Timken Gard				
	Labyrinth		Double Lip	Double Lip	Dustac				
			Backing Plates	VR Seal	Taconite				
End Covers	Closed		Closed: Urethane & Steel	Closed	Closed	Closed Urethane		Closed: Polymer & Stainless	Closed: Polymer & Stainless
			Open: Urethane & Steel			Open Urethane		Open: Polymer & Stainless	Open: Polymer & Stainless

*Special options are available for most product lines, contact your Timken Engineer for more information.

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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 power transmission rebuild and repair services.

Stronger. By Design.



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