

# TIMKEN

TIMKEN® HOUSED UNITS.

# STRENGTH IN NUMBERS.

The Timken family of housed units provides enhanced bearing protection in a multitude of harsh conditions. Our housed units feature robust sealing options – enhancing bearing protection in debris-filled, contaminated or high-moisture environments.

Industries around the world count on our wide range of housed units to deliver performance and uptime they can count on.

Type E Tapered Roller Bearing Housed Unit



SNT Plummer Blocks

SAF Pillow Blocks

Spherical Roller Bearing Solid-Block Housed Unit

Stronger. **Together.**





	<b>SNT/SAF Plummer (Pillow) Block Housed Units</b>	<b>Spherical Roller Bearing Solid-Block Housed Unit</b>	<b>Type E Tapered Roller Bearing Housed Unit</b>
<b>Applications</b>	Large process equipment and heavy material handling where access and misalignment present challenges	Process equipment and bulk material handling where shock loads, heavy contamination and misalignment are issues	Process equipment and bulk material handling where heavy contamination and high axial loads are issues
<b>Bearing Insert</b>	High performance spherical roller bearing with tapered bore or straight bore option	High performance spherical roller bearing with six shaft locking options	Tapered roller bearing with enhanced internal geometries
<b>Shaft Size Range</b>	20 mm to 380 mm; 1-3/8 in. to 19-1/2 in.; Larger sizes available	35 mm to 180 mm; 1-7/16 in. to 7 in.	35 mm to 125 mm; 1-3/16 in. to 5 in.
<b>Housing</b>	<ul style="list-style-type: none"> <li>Split, two-piece design</li> <li>Cast iron (cast steel and ductile iron available)</li> </ul>	<ul style="list-style-type: none"> <li>Solid block, one-piece design</li> <li>Cast steel</li> <li>Machined feet for consistent housing location</li> </ul>	<ul style="list-style-type: none"> <li>Solid block, one-piece design</li> <li>Cast iron</li> </ul>
<b>Seal Options</b>	<ul style="list-style-type: none"> <li>SAF comes standard with labyrinth (LER) seals, options include Timken Guard (superior protection against contamination), dustac and taconite</li> <li>SNT options include double-lip, labyrinth, V-Ring, and taconite</li> </ul>	<ul style="list-style-type: none"> <li>Six seal options               <ul style="list-style-type: none"> <li>3 triple-lip seal options (superior protection against contamination)</li> <li>2 double-lip seal options</li> <li>1 labyrinth seal option (for high speed applications)</li> </ul> </li> <li>Auxiliary steel end covers available</li> </ul>	<ul style="list-style-type: none"> <li>Double-lip seal (standard) designed for optimized lip contact</li> </ul>
<b>Additional Features</b>	<ul style="list-style-type: none"> <li>Push/pull-type adapter sleeves available</li> <li>Components interchangeable with industry standard designs</li> <li>May be ordered as individual components or an assembly</li> </ul>	<ul style="list-style-type: none"> <li>Multiple options to lock bearing to shaft               <ul style="list-style-type: none"> <li>Eccentric lock</li> <li>Set screw lock</li> <li>V-lock</li> <li>Tapered adapter lock</li> </ul> </li> <li>Double adjustment nut for fixed to float conversions</li> </ul>	<ul style="list-style-type: none"> <li>Available with set screw locking</li> <li>Electo-coat paint for additional corrosion protection</li> <li>Enhanced bearing geometries deliver highest dynamic load ratings in the industry</li> </ul>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>Easy-to-remove cap for bearing inspection</li> <li>Housings may be re-used</li> <li>Easily converts from fixed to float in the field</li> <li>High performance Timken® spherical roller bearing runs cooler for longer bearing life</li> </ul>	<ul style="list-style-type: none"> <li>Quicker installation time than split housings</li> <li>Easily converts between fixed and float positions after installation</li> <li>High performance Timken spherical roller bearing runs cooler for longer bearing life</li> </ul>	<ul style="list-style-type: none"> <li>Quicker installation time than split housings</li> <li>Increased useful bearing life and load capacities</li> <li>Double-lip seal provides industry leading protection against contamination</li> </ul>

Timken housed units are interchangeable with common industry designs. Contact your Timken sales representative 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 high-performance steel as well as mechanical components, including bearings, gears, chain and related mechanical power transmission products and services.

Stronger. Commitment. Stronger. Value. Stronger. Worldwide. Stronger Together. | Stronger. By Design.

[www.timken.com](http://www.timken.com)

