

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 increase uptime.

SNT Split
Plummer Blocks

SAF Split
Pillow Blocks

Revolvo Split
Cylindrical Bearing

Type E
Tapered Roller
Bearing

Spherical
Roller Bearing
Solid Block

UC-Series
Ball Bearing

Fafnir
Ball Bearing

Stronger. **Together.**

THE ONLY HOUSED UNIT BRAND YOU'LL EVER NEED.



	Revolvo Split Cylindrical Bearing	SNT/SAF Split Plummer (Pillow) Blocks	Spherical Roller Bearing Solid Block	Type E Tapered Roller Bearing	Fafnir and UC-Series Ball Bearing
Applications	Split-to-the-shaft design is ideal for trapped applications in high-service cost locations	Large process equipment and heavy material handling where access and contamination 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	Material handling equipment with high speeds and/or light loads
Bearing Insert	Precision cylindrical roller bearing with machined brass cage and profiled rolling elements	High-performance spherical roller bearing with tapered bore or straight bore options	High-performance spherical roller bearing with six shaft locking options	Tapered roller bearing with enhanced internal geometries	Wide inner ring ball bearings provide improved shaft support and increased bearing life
Shaft Size Range	40 mm to 600 mm; 1-9/16 in. to 24 in.; Larger sizes available	20 mm to 530 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.; Larger sizes available	35 mm to 125 mm; 1-3/16 in. to 5 in.	12 mm to 90 mm; 1/2 in. to 3-15/16 in.
Housing	<ul style="list-style-type: none"> Split design available in cast iron, ductile iron and cast steel 	<ul style="list-style-type: none"> Split, two-piece design Cast iron (cast steel and ductile iron available) 	<ul style="list-style-type: none"> Solid block, one-piece design Cast steel Machined feet for consistent housing location 	<ul style="list-style-type: none"> Solid block, one-piece design Cast iron 	<ul style="list-style-type: none"> Solid block, one-piece design Cast iron
Seal Options	<ul style="list-style-type: none"> Seven seal styles, including Kevlar® packing seal and aluminum triple labyrinth 	<ul style="list-style-type: none"> SNT options include double-lip, labyrinth, V-ring, and taconite SAF comes standard with labyrinth seals, options include Timken Guard (superior protection against contamination) and taconite 	<ul style="list-style-type: none"> Six seal options <ul style="list-style-type: none"> Three triple-lip seal options (superior protection against contamination) Two double-lip seal options One labyrinth seal option (for high-speed applications) Auxiliary steel end covers available 	<ul style="list-style-type: none"> High-performance seal (standard) designed for optimized lip contact 	Fafnir Ball Bearing <ul style="list-style-type: none"> Single lip (standard) Triple lip (superior protection against contamination) Labyrinth (for high-speed applications) UC-Series Ball Bearing <ul style="list-style-type: none"> Precision-formed flinger High-performance seal
Additional Features	<ul style="list-style-type: none"> Split housing dimensionally interchangeable with SNL/SN/SD and SAF-series plummer blocks Compensates for high degree of shaft misalignment Highly effective sealing even in extremely contaminated and wet environments 	<ul style="list-style-type: none"> Push/pull-type adapter sleeves available for ease of application Components interchangeable with industry standard designs May be ordered as individual components or an assembly 	<ul style="list-style-type: none"> Multiple options to lock bearing to shaft <ul style="list-style-type: none"> Eccentric lock Set-screw lock V-lock Tapered adapter lock Double adjustment nut for fixed-to-float conversions 	<ul style="list-style-type: none"> Available with set-screw locking Electro-coat paint for additional corrosion protection Enhanced bearing geometries deliver highest dynamic load ratings in the industry 	Fafnir Ball Bearing <ul style="list-style-type: none"> Shaft Guard Technology (to ease and simplify installation and removal) Three shaft-locking options: set screw, eccentric and concentric UC-Series Ball Bearing <ul style="list-style-type: none"> Steel cage for high temperatures Hardened and ground seal land
Benefits	<ul style="list-style-type: none"> Inspection and replacement time dramatically reduced due to split-to-the-shaft design Significantly reduces downtime associated with moving equipment to change out a bearing Improves installation safety 	<ul style="list-style-type: none"> Easy-to-remove cap for bearing inspection Housings may be reused Easily converts from fixed to float in the field High-performance Timken® spherical roller bearing runs cooler for longer bearing life 	<ul style="list-style-type: none"> Quicker installation time than split housings Easily converts between fixed and float positions after installation High-performance Timken® spherical roller bearing runs cooler for longer bearing life 	<ul style="list-style-type: none"> Quicker installation time than split housings Increased useful bearing life and load capacities Double-lip seal provides industry-leading protection against contamination 	<ul style="list-style-type: none"> Corrosion-resistant options Variety of high-strength housing designs Easy installation and removal

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, gears, chain and related mechanical power transmission products and services.

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

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