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.
## Revolve Split Cylindrical Bearing
- **Applications**: Split-to-the-shaft design is ideal for trapped applications in high-service cost locations.
- **Features**: High-performance spherical roller bearing with tapered bore or straight bore options.
- **Shaft Size Range**: 40 mm to 600 mm; 1-9/16 in. to 24 in.; 1-3/8 in. to 19-1/2 in.; 1-7/16 in. to 7 in.; 1-3/16 in. to 5 in.; 12 mm to 90 mm; 1/2 in. to 3-15/16 in.

## SNT/SAF Split Plummer (Pillow) Blocks
- **Applications**: Large process equipment and heavy material handling where access and contamination present challenges.
- **Features**: Includes bearings, gears, chain and related mechanical power transmission products and services.
- **Shaft Size Range**: 20 mm to 530 mm; 1-3/8 in. to 24 in.; 35 mm to 125 mm; 1-3/16 in. to 5 in.

## Spherical Roller Bearing Solid Block
- **Applications**: Process equipment and bulk material handling where shock loads, heavy contamination and misalignment are issues.
- **Features**: High-performance spherical roller bearing with six shaft locking options.
- **Shaft Size Range**: 35 mm to 180 mm; 1-7/16 in. to 7 in.; Larger sizes available.

## Type E Tapered Roller Bearing
- **Applications**: Process equipment and bulk material handling where heavy contamination and high axial loads are issues.
- **Features**: Tapered roller bearing with enhanced internal geometries.
- **Shaft Size Range**: 35 mm to 125 mm; 1-3/16 in. to 5 in.

## Fafnir and UC-Series Ball Bearing
- **Applications**: Material handling equipment with high speeds and/or light loads.
- **Features**: Wide inner ring ball bearings provide improved shaft support and increased bearing life.
- **Shaft Size Range**: 12 mm to 90 mm; 1/2 in. to 3-15/16 in.

### Sealing Options
- **SNT/SAF Split Housing**:
  - **Features**: Corrosion-resistant options.
  - **Applications**: Universal material handling equipment with shock loads, heavy contamination and misalignment.
- **Benefits**:
  - 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.
- **Additional Features**:
  - 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.
- **Seal Options**:
  - **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**.
  - **Seal Options** include:
    - High-performance seal (standard) designed for optimized lip contact.
    - Single lip (standard)
    - Triple lip (superior protection against contamination)
    - Labyrinth (for high-speed applications)
    - UC-Series Ball Bearing
    - Precision-formed flinger
    - High-performance seal
- **Benefits**:
  - Inspection and replacement 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.
- **Additional Features**:
  - Multiple options to lock bearing to shaft.
  - Eccentric lock
  - Set-screw lock
  - V-lock
  - Tapered adapter lock
  - Double adjustment nut for fixed-to-float conversions.

### Additional Features
- **SNT/SAF Split Housing**:
  - **Features**: Electro-coat paint.
  - **Applications**: Universal material handling equipment with shock loads, heavy contamination and misalignment.
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### Benefits
- **SNT/SAF Split Housing**:
  - **Features**: Enhanced bearing geometries deliver highest dynamic load ratings in the industry.
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### 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.


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