



# TIMKEN

## UC-SERIES TIMKEN® BALL BEARING HOUSED UNITS

### DESIGNED FOR OPTIMIZED PERFORMANCE

Timken® standard duty set screw UC-Series Ball Bearing Housed Units provide another line of reliable Timken products readily available for the most popular applications.

For over 110 years, Timken innovations continue to keep the world in motion, including the invention of the wide inner ring bearing and the ball bearing housed unit. We continue that innovation by applying our extensive engineering knowledge of bearings, metallurgy, seals and end-user applications to deliver optimized performance from our housed unit product line.

#### INCREASED EQUIPMENT UPTIME AND REDUCED MAINTENANCE COST

- Bearings and housings help prevent outer ring rotation.
- Bearings withstand static misalignment of the shaft of +/- 3 degrees.
- Designed for normal operation between -20° C and 100° C.
- Wide inner ring bearings deliver greater shaft support.
- High-strength housings suited for most industrial applications.

#### ROBUST SEALING PERFORMANCE IN THE MOST DEMANDING ENVIRONMENTS

- Provides extended bearing life and reduced lubrication leakage.
- Includes steel flinger for additional bearing protection.

#### WIDE RANGE OF READY-TO-MOUNT UNITS

- Five different housing designs in metric and imperial sizes.
- Set screw locking design for easy installation.
- Interchangeable in many applications.
- Local in-stock availability.



**UCP PILLOW  
BLOCK UNITS**  
12 mm to 90 mm  
(1/2 in. to 3 1/2 in.)



**UCT TAKE-UP  
UNITS**  
12 mm to 85 mm  
(1/2 in. to 3 1/4 in.)



**UC WIDE-INNER-RING  
BALL BEARINGS**  
12 mm to 90 mm  
(1/2 in. to 3 1/2 in.)



**UCFL TWO-BOLT  
FLANGED UNITS**  
12 mm to 90 mm  
(1/2 in. to 3 1/2 in.)



**UCF FOUR-BOLT  
FLANGED UNITS**  
12 mm to 90 mm  
(1/2 in. to 3 1/2 in.)



**UCFC PILOTED ROUND  
FLANGED UNITS**  
12 mm to 90 mm  
(1/2 in. to 3 1/2 in.)

## INDUSTRIES/APPLICATIONS

- Materials Handling
- Food and Beverage
- Agriculture
- Packaging
- Industrial Fans/Blowers
- Glass Making
- Brick Making
- Paper and Printing



## TIMKEN OFFERS A FULL LINE OF SPLIT- AND SOLID-BLOCK HOUSED UNITS FOR EVERY TYPE OF EQUIPMENT

All housed units are easily interchangeable with industry standard designs.



**SNT PLUMMER BLOCKS**  
Customizable Solution,  
Uptime Efficiency



**SAF PILLOW BLOCKS**  
Optimal Load Capacity,  
Extended Service Life



**SPHERICAL ROLLER BEARING  
SOLID-BLOCK HOUSED UNITS**  
Heavy-duty Protection,  
High Performance



**TYPE E TAPERED ROLLER  
BEARING HOUSED UNITS**  
Improved Reliability,  
Enhanced Performance



**BALL BEARING  
HOUSED UNITS**  
Easy Installation,  
Flexible Options

## CALL ON TIMKEN

For your nearest Timken sales representative, visit [www.timken.com](http://www.timken.com).

# 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.

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

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