

EXPANDED U SERIES OFFERING TIMKEN® U SERIES BALL BEARING HOUSED UNITS

Our line of standard and heavy-duty U Series Ball Bearing Housed Units includes Set Screw Locking (UC 200 and UC 300), Eccentric Locking Collar (UEL 200) and Tapered Bore for use with Adapter Sleeve Locking Series (UK 200) and provides reliable Timken products readily available for the most popular applications.

INCREASED EQUIPMENT UPTIME AND REDUCED MAINTENANCE COST

- Bearings with spherical outer rings and precision-machined cast-iron 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 (-4°F and 212°F).
- Wide inner ring bearings deliver greater shaft support.
- High-strength housings suited for most industrial applications.
- Bearings are prelubricated and ready for immediate installation.
- Timken knowledge and support come standard.

ROBUST SEALING PERFORMANCE IN THE MOST DEMANDING ENVIRONMENTS

- Precision sealing provides extended bearing life and reduced lubrication leakage.
- Bonded seal design includes a steel flinger for additional bearing protection.
- Effective grease retention and reduced debris and moisture ingress improve bearing performance.

WIDE RANGE OF READY-TO-MOUNT UNITS

- Five different housing designs plus replacement inserts are offered in metric and imperial sizes.
- Set screw locking, tapered bore for use with adapter sleeve and eccentric locking collar design allow for easy installation.
- Extensive range of sizes meets the needs of a wide range of applications.
- Interchangeable without modification in many applications.
- Regional in-stock availability ensures the service levels you expect.



PILLOW BLOCK UNITS

UCP – 12 mm to 140 mm (½ in. to 4 in.)
UKP – 20 mm to 80 mm (¾ in. to 3 in.)
UEL – 12 mm to 75 mm (½ in. to 3 in.)



TAKE-UP UNITS

UCT – 12 mm to 140 mm (½ in. to 4 in.)
UKT – 20 mm to 75 mm (¾ in. to 3 in.)
UEL – 12 mm to 75 mm (½ in. to 3 in.)



WIDE INNER RING BALL BEARINGS

UC – 12 mm to 140 mm (½ in. to 4 in.)
UK – 20 mm to 80 mm (¾ in. to 3 in.)
UEL – 12 mm to 75 mm (½ in. to 3 in.)



TWO-BOLT FLANGED UNITS

UCFL – 12 mm to 130 mm (½ in. to 4 in.)
UKFL – 20 mm to 80 mm (¾ in. to 3 in.)
UELFL – 12 mm to 75 mm (½ in. to 3 in.)



FOUR-BOLT FLANGED UNITS

UCF – 12 mm to 90 mm (½ in. to 3 ½ in.)
UELF – 12 mm to 75 mm (½ in. to 3 in.)
UKF – 20 mm to 80 mm (¾ in. to 3 in.)



PILOTED ROUND FLANGED UNITS

UCFC – 12 mm to 90 mm (½ in. to 3 ½ in.)
UKFC – 20 mm to 80 mm (¾ in. to 3 in.)
UELFC – 12 mm to 75 mm (½ in. to 3 in.)

NOMENCLATURE CONFIGURATIONS TO MEET YOUR NEEDS

BALL HOUSED UNITS

Standard and heavy series – wide inner ring, set screw, tapered bore for use with adapter sleeve and eccentric locking collar mechanisms.

METRIC BORE SIZES

12 mm – 140 mm

INCH BORE SIZES

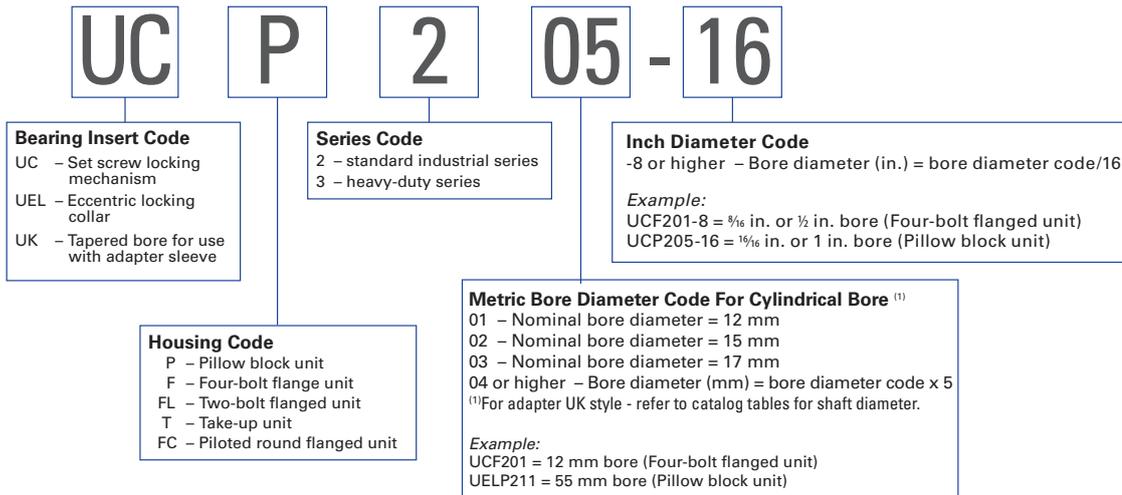
½ in. – 4 in.

HOUSING TYPES

Pillow block, two-bolt flange, four-bolt flange, piloted round flange and take-up.

INDUSTRIES/APPLICATIONS

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



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, belts, brakes, clutches, chain, couplings, gears and related mechanical power transmission products and services.

Stronger. By Design.

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