



HIGH QUALITY
BEARING
MANUFACTURER



BKZ INDUSTRY



Tel

+86 18901426056



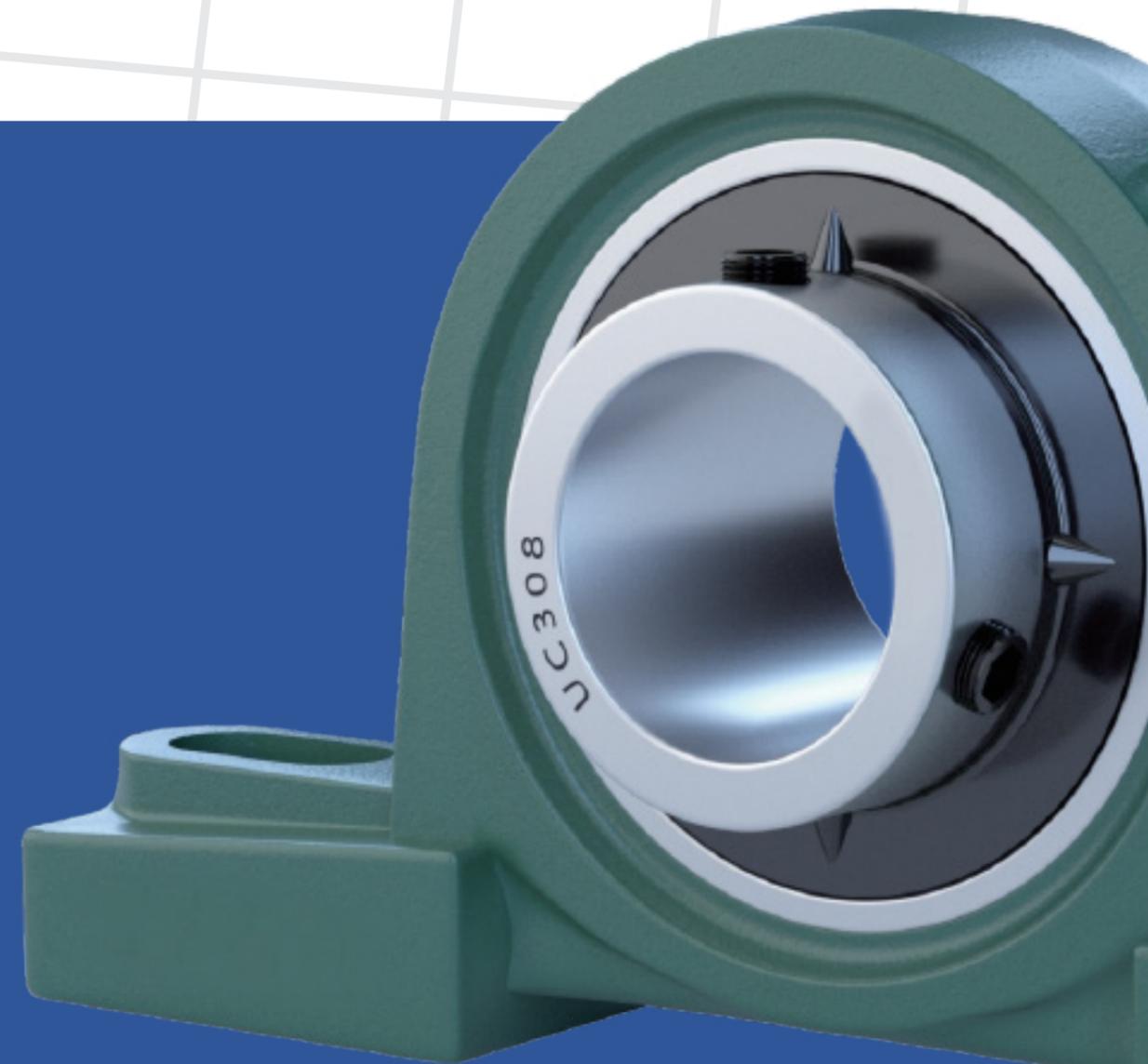
Email

sales@bkzindustry.com



Address

No. 7 Chuangye Road,
Daokou Industrial Park,
Jinghe Town, Baoying
County, Yangzhou City,
Jiangsu Province, China



ENTERPRISE INTRODUCTION

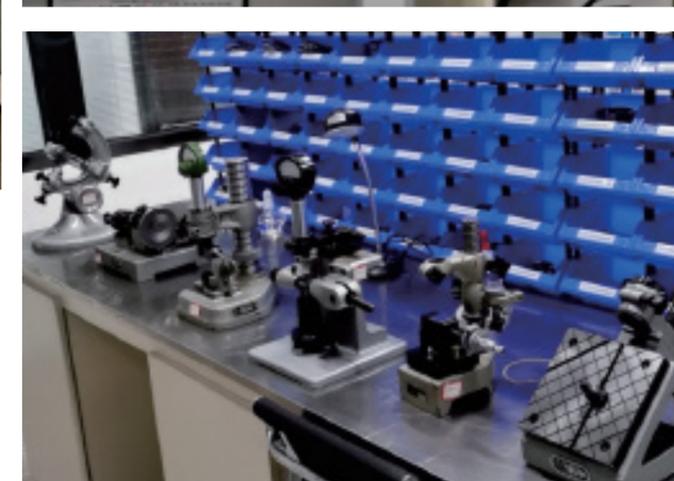
BKZ[®]



BKZ Industry is a leading global manufacturer of high-quality bearings, offering both standard and customized solutions to meet the needs of industries such as automotive, machinery, and mining. With over 15 years of experience, BKZ is committed to delivering efficient, reliable, and sustainable products through advanced manufacturing processes. Our state-of-the-art production lines ensure that we can meet the demands of a wide range of applications, providing bearings that enhance performance and reliability.

Our advanced production capabilities allow us to oversee the entire manufacturing process, from raw material preparation to final packaging, ensuring complete quality control. BKZ is **ISO 9001** certified and offers additional certifications such as REACH and RoHS upon request, underscoring our commitment to quality and compliance.

Our engineering team, backed by years of expertise, works closely with clients to develop bearings that meet their specific needs, delivering customized solutions for diverse industries. Whether you require standard bearings or specialized custom products, BKZ is equipped to provide exceptional service and top-tier products. With plans for continued growth and innovation, we are dedicated to shaping the future of bearing technology and maintaining our position as a trusted industry leader.



PRODUCTION AND TESTING

The company has modern production equipment, perfect quality testing means, mature manufacturing technology, strict production process management and a full range of after-sales service, in strict accordance with the bearing industry standards to ensure product quality, stable and reliable quality.

INSERT BEARINGS

BKZ Industry specializes in high-performance insert ball bearings, including UC, UEL, UC300 and UK series. Designed with a spherical outer diameter, these bearings are engineered to fit standard pillow block and flange housings, ensuring easy installation and reliable operation.

Our insert bearings are available in multiple locking systems, including:

Set screw locking (UC Series)

Eccentric locking collar (UEL Series)

Tapered bore design for adapter sleeve mounting (UK Series)



Manufactured from high-grade bearing steel, BKZ insert bearings deliver excellent load capacity, smooth rotation, and long service life. The self-aligning spherical outer surface compensates for shaft misalignment, reducing vibration and extending bearing performance under demanding working conditions.

Suitable for agricultural machinery, conveyor systems, mining equipment, construction machinery, and industrial transmission applications, BKZ insert bearings provide dependable performance with minimal maintenance requirements.

UC200 Series Set Screw Insert Ball Bearing



| 轴承代号 Bearing No. | 外形尺寸 Dimensions(mm) | | | | | | | | 重量 Weight (kg) | 额定 动负荷 Cr | 额定 静负荷 Cor | 极限转速 (r/min) |
|---------------------|------------------------|-----|------|----|------|-----|------|----------|-------------------|-----------------|------------------|-----------------|
| | d | D | B | C | S | G | h | ds | | | | |
| UC201 | 12 | 40 | 27.4 | 14 | 11.5 | 4.5 | 4 | M5×0.75 | 0.12 | 7.6 | 4.48 | 4000 |
| UC202 | 15 | 40 | 27.4 | 14 | 11.5 | 4.5 | 4 | M5×0.75 | 0.11 | 7.36 | 4.48 | 4000 |
| UC203 | 17 | 40 | 27.4 | 14 | 11.5 | 4.5 | 4 | M5×0.75 | 0.1 | 7.36 | 4.48 | 4000 |
| UC204 | 20 | 47 | 31 | 17 | 12.7 | 4.7 | 4.5 | M5×0.75 | 0.16 | 9.88 | 6.2 | 4000 |
| UC205 | 25 | 52 | 34.1 | 17 | 14.3 | 5.5 | 4.5 | M6×1 | 0.19 | 10.78 | 6.98 | 3400 |
| UC206 | 30 | 62 | 38.1 | 19 | 15.9 | 6 | 5.1 | M6×1 | 0.31 | 14.97 | 10.04 | 2800 |
| UC207 | 35 | 72 | 42.9 | 20 | 17.5 | 6.5 | 5.8 | M8×1 | 0.48 | 19.75 | 13.67 | 2400 |
| UC208 | 40 | 80 | 49.2 | 21 | 19 | 8 | 6.2 | M8×1 | 0.62 | 22.71 | 15.94 | 2200 |
| UC209 | 45 | 85 | 49.2 | 22 | 19 | 8 | 6.5 | M8×1 | 0.67 | 24.36 | 17.71 | 1900 |
| UC210 | 50 | 90 | 51.6 | 23 | 19 | 9 | 6.5 | M10×1 | 0.78 | 26.98 | 19.84 | 1800 |
| UC211 | 55 | 100 | 55.6 | 25 | 22.2 | 9 | 7.3 | M10×1 | 1.03 | 33.37 | 25.11 | 1600 |
| UC212 | 60 | 110 | 65.1 | 27 | 25.4 | 11 | 7.7 | M10×1 | 1.45 | 36.74 | 27.97 | 1500 |
| UC213 | 65 | 120 | 65.1 | 28 | 25.4 | 12 | 8.3 | M10×1 | 0.71 | 44.01 | 34.18 | 1400 |
| UC214 | 70 | 125 | 74.6 | 30 | 30.2 | 12 | 8.7 | M12×1.25 | 2.06 | 46.79 | 37.59 | 1300 |
| UC215 | 75 | 130 | 77.8 | 30 | 33.3 | 12 | 9.2 | M12×1.25 | 2.22 | 50.85 | 41.26 | 1200 |
| UC216 | 80 | 140 | 82.6 | 33 | 33.3 | 14 | 9.6 | M12×1.25 | 2.8 | 55.04 | 45.09 | 1100 |
| UC217 | 85 | 150 | 85.7 | 36 | 34.1 | 14 | 10.5 | M12×1.25 | 3.48 | 64.01 | 53.28 | 1000 |
| UC218 | 90 | 160 | 96 | 37 | 39.7 | 14 | 11.1 | M12×1.25 | 4.3 | 73.83 | 60.76 | 950 |

UEL200 Series - Eccentric Locking Collar Insert Bearing



| 轴承代号 Bearing No. | 外形尺寸 Dimensions(mm) | | | | | | | | | | | 重量 Weight (kg) | 额定 动负荷 Cr | 额定 静负荷 Cor | 极限转速 (r/min) |
|---------------------|------------------------|-----|------|------|----|------|------|------|-----|------|----------|-------------------|-----------------|------------------|-----------------|
| | d | D | B | B1 | C | S | D1 | B2 | G | h | ds | | | | |
| UEL205 | 25 | 52 | 34.9 | 44.4 | 17 | 17.5 | 38.1 | 13.5 | 4.8 | 4.5 | M6×1 | 0.28 | 10.78 | 6.98 | 3400 |
| UEL206 | 30 | 62 | 36.5 | 48.4 | 19 | 18.3 | 44.5 | 15.9 | 6 | 5.1 | M8×1 | 0.4 | 14.97 | 10.04 | 2800 |
| UEL207 | 35 | 72 | 37.6 | 21.5 | 20 | 18.8 | 55.6 | 17.5 | 6.8 | 5.8 | M8×1 | 0.61 | 19.75 | 13.67 | 2400 |
| UEL208 | 40 | 80 | 42.8 | 56.3 | 21 | 21.4 | 60.3 | 18.3 | 6.8 | 6.2 | M8×1 | 0.72 | 22.71 | 15.94 | 2200 |
| UEL209 | 45 | 85 | 42.8 | 56.3 | 22 | 21.4 | 63.5 | 18.3 | 6.8 | 6.5 | M8×1 | 0.81 | 24.6 | 17.71 | 1900 |
| UEL210 | 50 | 90 | 49.2 | 62.7 | 24 | 24.6 | 69.9 | 18.3 | 7 | 6.5 | M10×1 | 0.98 | 26.98 | 19.84 | 1800 |
| UEL211 | 55 | 100 | 55.5 | 71.4 | 25 | 27.8 | 76.2 | 20.7 | 7 | 7.3 | M10×1 | 1.3 | 33.37 | 25.11 | 1600 |
| UEL212 | 60 | 110 | 61.9 | 77.8 | 27 | 31 | 84.2 | 22.3 | 8 | 7.7 | M10×1 | 1.78 | 36.74 | 27.97 | 1500 |
| UEL213 | 65 | 120 | 69.2 | 85.7 | 28 | 34.1 | 86 | 23.5 | 8.5 | 8.3 | M12×1.25 | 2.48 | 44.01 | 34.18 | 1400 |
| UEL214 | 70 | 125 | 69.2 | 85.7 | 29 | 34.1 | 90 | 23.5 | 8.5 | 8.7 | M12×1.25 | 2.5 | 46.79 | 37.59 | 1300 |
| UEL215 | 75 | 130 | 76.6 | 92 | 30 | 37.3 | 102 | 23.5 | 8.5 | 9.2 | M12×1.25 | 2.86 | 50.85 | 41.26 | 1200 |
| UEL216 | 80 | 140 | 70 | 92 | 33 | 33.3 | 110 | 30 | 11 | 9.6 | M12×1.25 | 3.3 | 55.04 | 45.09 | 1100 |
| UEL218 | 90 | 160 | 80 | 100 | 37 | 39.7 | 115 | 30 | 12 | 11.1 | M12×1.25 | 4.8 | 73.83 | 60.76 | 950 |
| UEL306 | 30 | 72 | 36.5 | 50 | 23 | 17.5 | 49 | 17.5 | 6.5 | 6.7 | M8×1 | 0.69 | 20.87 | 14.17 | 2600 |
| UEL308 | 40 | 90 | 41.5 | 57.1 | 27 | 20.6 | 63.5 | 20.6 | 8.1 | 8.2 | M10×1 | 1.08 | 31.35 | 22.38 | 2000 |
| UEL310 | 50 | 110 | 49.4 | 66.6 | 32 | 22.2 | 76 | 22.2 | 9 | 10 | M12×1.25 | 1.86 | 47.58 | 35.71 | 1700 |
| UEL311 | 55 | 120 | 55.8 | 73 | 34 | 22.2 | 82 | 22.2 | 9 | 10.7 | M12×1.25 | 2.34 | 55.05 | 41.91 | 1400 |

UC300 Series – Heavy Duty Set Screw Insert Bearings

| 轴承代号 Bearing No. | 外形尺寸 Dimensions(mm) | | | | | | | | 重量 Weight (kg) | 额定 动负荷 Cr | 额定 静负荷 Cor | 极限转速 (r/min) |
|---------------------|------------------------|-----|-----|----|----|----|------|----------|-------------------|-----------------|------------------|-----------------|
| | d | D | B | C | S | G | h | ds | | | | |
| UC305 | 25 | 62 | 38 | 21 | 15 | 6 | 6.1 | M6×1 | 0.35 | 17.22 | 11.39 | 2800 |
| UC306 | 30 | 72 | 43 | 23 | 17 | 6 | 6.7 | M8×1 | 0.56 | 20.77 | 14.17 | 2600 |
| UC307 | 35 | 80 | 48 | 25 | 19 | 8 | 7.4 | M8×1 | 0.71 | 25.66 | 17.92 | 2200 |
| UC308 | 40 | 90 | 52 | 27 | 19 | 10 | 8.2 | M10×1 | 0.96 | 31.35 | 22.38 | 2000 |
| UC309 | 45 | 100 | 57 | 30 | 22 | 10 | 9 | M10×1 | 1.28 | 40.66 | 30 | 1800 |
| UC310 | 50 | 110 | 61 | 32 | 22 | 12 | 10 | M12×1.25 | 1.65 | 47.58 | 35.71 | 1700 |
| UC311 | 55 | 120 | 66 | 34 | 25 | 12 | 10.7 | M12×1.25 | 1.9 | 55.05 | 41.91 | 1400 |
| UC312 | 60 | 130 | 71 | 36 | 26 | 12 | 11.5 | M12×1.25 | 2.6 | 62.88 | 48.6 | 1300 |
| UC313 | 65 | 140 | 75 | 38 | 30 | 12 | 12.2 | M12×1.25 | 3.15 | 72.21 | 56.68 | 1200 |
| UC314 | 70 | 150 | 78 | 40 | 33 | 12 | 13 | M12×1.25 | 3.83 | 80.1 | 63.48 | 1100 |
| UC315 | 75 | 160 | 82 | 42 | 33 | 14 | 13.8 | M14×1.5 | 4.59 | 87.25 | 71.67 | 1000 |
| UC316 | 80 | 170 | 86 | 44 | 34 | 14 | 14.5 | M16×1.5 | 5.3 | 94.57 | 80.35 | 1000 |
| UC317 | 85 | 180 | 96 | 46 | 40 | 16 | 15 | M16×1.5 | 6.58 | 102.05 | 89.52 | 950 |
| UC318 | 90 | 190 | 96 | 48 | 40 | 16 | 15.9 | M16×1.5 | 7.5 | 110.81 | 100.76 | 900 |
| UC319 | 95 | 200 | 103 | 50 | 41 | 16 | 16.7 | M16×1.5 | 8.7 | 120.51 | 113.75 | 850 |
| UC320 | 100 | 215 | 108 | 54 | 42 | 18 | 18 | M16×1.5 | 10.8 | 133.06 | 131.18 | 800 |

UK200 Series – Tapered Bore Insert Bearings

| 轴承代号 Bearing No. | 外形尺寸 (英寸) 或 (毫米) Dimensions (in.) or (mm) | | | | | | 重量 WEIGHT (KG) | 额定 动负荷 Cr | 额定 静负荷 Cor | 极限转速 (r/min) |
|---------------------|--|-----|----|----|------|------|-------------------|-----------------|------------------|-----------------|
| | d | D | B | C | h | s | | | | |
| UK 205 | 25 | 52 | 21 | 17 | 4.5 | 10.5 | 0.15 | 10.78 | 6.98 | 3400 |
| UK 206 | 30 | 62 | 25 | 19 | 5.1 | 12.5 | 0.24 | 14.97 | 10.04 | 2800 |
| UK 207 | 35 | 72 | 27 | 20 | 5.8 | 13.5 | 0.37 | 19.75 | 13.67 | 2400 |
| UK 208 | 40 | 80 | 29 | 21 | 6.2 | 14.5 | 0.48 | 22.71 | 15.94 | 2200 |
| UK 209 | 45 | 85 | 30 | 22 | 6.5 | 15 | 0.53 | 24.36 | 17.71 | 1900 |
| UK 210 | 50 | 90 | 31 | 23 | 6.5 | 15.5 | 0.59 | 26.98 | 19.84 | 1800 |
| UK 211 | 55 | 100 | 33 | 25 | 7.3 | 16.5 | 0.77 | 33.37 | 25.11 | 1600 |
| UK 212 | 60 | 110 | 36 | 27 | 7.7 | 18 | 1.03 | 36.74 | 27.97 | 1500 |
| UK 213 | 65 | 120 | 36 | 28 | 8.3 | 18 | 1.36 | 44.01 | 34.18 | 1400 |
| UK 215 | 75 | 130 | 41 | 30 | 9.2 | 20.5 | 1.53 | 50.85 | 41.26 | 1200 |
| UK 216 | 80 | 140 | 44 | 33 | 9.6 | 22 | 1.96 | 55.04 | 45.09 | 1100 |
| UK 217 | 85 | 150 | 44 | 36 | 10.5 | 22 | 2.42 | 64.01 | 53.28 | 1000 |
| UK 218 | 90 | 160 | 48 | 37 | 11.1 | 24 | 3 | 73.83 | 60.76 | 950 |
| UK316 | 80 | 170 | 55 | 44 | 14.5 | 27.5 | 4.37 | 94.57 | 80.35 | 1000 |
| UK318 | 90 | 190 | 60 | 48 | 15.9 | 30 | 6.02 | 110.81 | 100.78 | 900 |
| UK320 | 100 | 215 | 68 | 54 | 18 | 34 | 8.5 | 133.06 | 131.18 | 800 |