

Ceramic Spherical Bearings



| Bearing No. | Shaft Dia | | Boundary dimensions(mm) | | | | | | | Basic load ratings | | Weight(Kg) |
|-------------|-----------|----|-------------------------|------|----|------|------|-----|------------|--------------------|-------|------------|
| | in. | mm | D | Bi | Be | n | m | G | ds | C | Co | |
| UC201 | - | 12 | 47 | 31 | 16 | 12.7 | 18.3 | 5 | M6x1.0 | 12890 | 6490 | 0.21 |
| UC201-8 | 1/2 | - | 47 | 31 | 16 | 12.7 | 18.3 | 5 | 1/4-28UNF | 12890 | 6490 | 0.21 |
| UC202 | - | 15 | 47 | 31 | 16 | 12.7 | 18.3 | 5 | M6x1.0 | 12890 | 6490 | 0.2 |
| UC202-10 | 5/8 | - | 47 | 31 | 16 | 12.7 | 18.3 | 5 | 1/4-28UNF | 12890 | 6490 | 0.19 |
| UC203 | - | 17 | 47 | 31 | 16 | 12.7 | 18.3 | 5 | M6x1.0 | 12890 | 6490 | 0.18 |
| UC204 | - | 20 | 47 | 31 | 16 | 12.7 | 18.3 | 5 | M6x1.0 | 12890 | 6490 | 0.17 |
| UC204-12 | 3/4 | - | 47 | 31 | 16 | 12.7 | 18.3 | 5 | 1/4-28UNF | 12890 | 6490 | 0.18 |
| UC205 | - | 25 | 52 | 34 | 17 | 14.3 | 19.7 | 5.5 | M6x1.0 | 14000 | 7560 | 0.2 |
| UC205-14 | 7/8 | - | 52 | 34 | 17 | 14.3 | 19.7 | 5.5 | 1/4-28UNF | 14000 | 7560 | 0.23 |
| UC205-15 | 15/16 | - | 52 | 34 | 17 | 14.3 | 19.7 | 5.5 | 1/4-28UNF | 14000 | 7560 | 0.21 |
| UC205-16 | 1 | - | 52 | 34 | 17 | 14.3 | 19.7 | 5.5 | 1/4-28UNF | 14000 | 7560 | 0.2 |
| UC206 | - | 30 | 62 | 38.1 | 19 | 15.9 | 22.2 | 6 | M6x1.0 | 19510 | 11160 | 0.33 |
| UC206-17 | 1-1/16 | - | 62 | 38.1 | 19 | 15.9 | 22.2 | 6 | 1/4-28UNF | 19510 | 11160 | 0.37 |
| UC206-18 | 1-1/8 | - | 62 | 38.1 | 19 | 15.9 | 22.2 | 6 | 1/4-28UNF | 19510 | 11160 | 0.35 |
| UC206-19 | 1-3/16 | - | 62 | 38.1 | 19 | 15.9 | 22.2 | 6 | 1/4-28UNF | 19510 | 11160 | 0.33 |
| UC206-20 | 1-1/4 | - | 62 | 38.1 | 19 | 15.9 | 22.2 | 6 | 1/4-28UNF | 19510 | 11160 | 0.3 |
| UC207 | - | 35 | 72 | 42.9 | 20 | 17.5 | 25.4 | 6.5 | M8x1.0 | 25640 | 15330 | 0.4 |
| UC207-20 | 1-1/4 | - | 72 | 42.9 | 20 | 17.5 | 25.4 | 6.5 | 5-16/24UNF | 25640 | 15330 | 0.55 |
| UC207-21 | 1-5/16 | - | 72 | 42.9 | 20 | 17.5 | 25.4 | 6.5 | 5-16/24UNF | 25640 | 15330 | 0.52 |
| UC207-22 | 1-3/8 | - | 72 | 42.9 | 20 | 17.5 | 25.4 | 6.5 | 5-16/24UNF | 25640 | 15330 | 0.49 |
| UC207-23 | 1-7/16 | - | 72 | 42.9 | 20 | 17.5 | 25.4 | 6.5 | 5-16/24UNF | 25640 | 15330 | 0.46 |
| UC208 | - | 40 | 80 | 49.2 | 21 | 19 | 30.2 | 8 | M8x1.0 | 28890 | 17110 | 0.65 |
| UC208-24 | 1-1/2 | - | 80 | 49.2 | 21 | 19 | 30.2 | 8 | 5-16/24UNF | 28890 | 17110 | 0.69 |
| UC208-25 | 1-9/16 | - | 80 | 49.2 | 21 | 19 | 30.2 | 8 | 5-16/24UNF | 28890 | 17110 | 0.67 |

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|----------|---------|----|-----|------|----|------|------|------|------------|-------|-------|------|
| UC209 | - | 45 | 85 | 49.2 | 22 | 19 | 30.2 | 8 | M8x1.0 | 32670 | 18220 | 0.7 |
| UC209-26 | 1-5/8 | - | 85 | 49.2 | 22 | 19 | 30.2 | 8 | 5-16/24UNF | 32670 | 18220 | 0.8 |
| UC209-27 | 1-11/16 | - | 85 | 49.2 | 22 | 19 | 30.2 | 8 | 5-16/24UNF | 32670 | 18220 | 0.76 |
| UC209-28 | 1-3/4 | - | 85 | 49.2 | 22 | 19 | 30.2 | 8 | 5-16/24UNF | 32670 | 18220 | 0.71 |
| UC210 | - | 50 | 90 | 51.6 | 24 | 19 | 32.6 | 9 | M10x1.25 | 35110 | 20840 | 0.8 |
| UC210-30 | 1-7/8 | - | 90 | 51.6 | 24 | 19 | 32.6 | 9 | 3/8-24UNF | 35110 | 20840 | 0.87 |
| UC210-31 | 1-15/16 | - | 90 | 51.6 | 24 | 19 | 32.6 | 9 | 3/8-24UNF | 35110 | 20840 | 0.82 |
| UC210-32 | 2 | - | 90 | 51.6 | 24 | 19 | 32.6 | 9 | 3/8-24UNF | 35110 | 20840 | 0.77 |
| UC211 | - | 55 | 100 | 55.6 | 25 | 22.2 | 33.4 | 9 | M10x1.25 | 43330 | 26000 | 1.08 |
| UC211-32 | 2 | - | 100 | 55.6 | 25 | 22.2 | 33.4 | 9 | 3/8-24UNF | 43330 | 26000 | 1.23 |
| UC211-34 | 2-1/8 | - | 100 | 55.6 | 25 | 22.2 | 33.4 | 9 | 3/8-24UNF | 43330 | 26000 | 1.18 |
| UC211-35 | 2-3/16 | - | 100 | 55.6 | 25 | 22.2 | 33.4 | 9 | 3/8-24UNF | 43330 | 26000 | 1.06 |
| UC212 | - | 60 | 110 | 65.1 | 27 | 25.4 | 39.7 | 10.5 | M10x1.25 | 51110 | 36000 | 1.53 |
| UC212-36 | 2-1/4 | - | 110 | 65.1 | 27 | 25.4 | 39.7 | 10.5 | 3/8-24UNF | 51110 | 36000 | 1.66 |
| UC212-38 | 2-3/8 | - | 110 | 65.1 | 27 | 25.4 | 39.7 | 10.5 | 3/8-24UNF | 51110 | 36000 | 1.51 |
| UC212-39 | 2-7/16 | - | 110 | 65.1 | 27 | 25.4 | 39.7 | 10.5 | 3/8-24UNF | 51110 | 36000 | 1.44 |
| UC213 | - | 65 | 120 | 65.1 | 28 | 25.4 | 39.7 | 12 | M10x1.25 | 56890 | 39560 | 1.85 |
| UC213-40 | 2-1/2 | - | 120 | 65.1 | 28 | 25.4 | 39.7 | 12 | 3/8-24UNF | 56890 | 39560 | 1.94 |
| UC214 | - | 70 | 125 | 74.6 | 30 | 30.2 | 44.4 | 12 | M12x1.25 | 62220 | 44000 | 2.1 |
| UC214-43 | 2-11/16 | - | 125 | 74.6 | 30 | 30.2 | 44.4 | 12 | 7/16-20UNF | 62220 | 44000 | 2.2 |
| UC214-44 | 2-3/4 | - | 125 | 74.6 | 30 | 30.2 | 44.4 | 12 | 7/16-20UNF | 62220 | 44000 | 2.11 |
| UC215 | - | 75 | 130 | 77.8 | 30 | 33.3 | 44.5 | 12 | M12x1.25 | 66220 | 48890 | 2.35 |
| UC215-47 | 2-15/16 | - | 130 | 77.8 | 30 | 33.3 | 44.5 | 12 | 7/16-20UNF | 66220 | 48890 | 2.39 |
| UC215-48 | 3 | - | 130 | 77.8 | 30 | 33.3 | 44.5 | 12 | 7/16-20UNF | 66220 | 48890 | 2.26 |