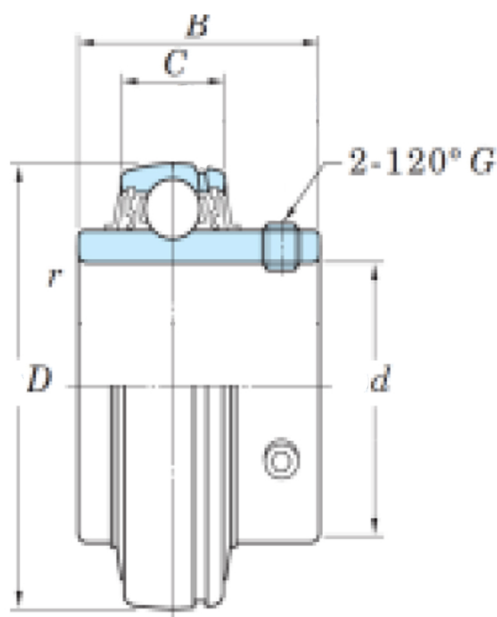


# Insert Bearings



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## UC300 Series



Bearing Supplies - UC300 Series Data Sheet

| Bearing no. | Shaft Dia |       | Dimensions (mm) |        |     |       |    |       |          |       | Basic Load ratings[kN] |       |
|-------------|-----------|-------|-----------------|--------|-----|-------|----|-------|----------|-------|------------------------|-------|
|             | mm        | inch  | D               |        | B   |       | C  |       | r (min.) |       | Cr                     | Cor   |
| Standard    | d         | d     | mm              | inch   | mm  | inch  | mm | inch  | mm       | inch  |                        |       |
| UC305       | 25        | -     | 62              | 2.441  | 38  | 1.496 | 22 | 0.866 | 1.1      | 0.043 | 21.2                   | 10.9  |
| UC306       | 30        | -     | 72              | 2.835  | 43  | 1.693 | 24 | 0.945 | 1.1      | 0.043 | 26.7                   | 15    |
| UC307       | 35        | -     | 80              | 3.150  | 48  | 1.890 | 26 | 1.024 | 1.5      | 0.059 | 33.4                   | 19.3  |
| UC308-24    | -         | 1 1/2 | 90              | 3.543  | 52  | 2.047 | 28 | 1.102 | 1.5      | 0.059 | 40.7                   | 24    |
| UC308       | 40        | -     | 90              | 3.543  | 52  | 2.047 | 28 | 1.102 | 1.5      | 0.059 | 40.7                   | 24    |
| UC309-28    | -         | 1 3/4 | 100             | 3.937  | 57  | 2.244 | 30 | 1.181 | 1.5      | 0.059 | 48.9                   | 29.5  |
| UC309       | 45        | -     | 100             | 3.937  | 57  | 2.244 | 30 | 1.181 | 1.5      | 0.059 | 48.9                   | 29.5  |
| UC310-30    | -         | 1 7/8 | 110             | 4.331  | 61  | 2.402 | 32 | 1.260 | 2        | 0.079 | 62                     | 38.3  |
| UC310       | 50        | -     | 110             | 4.331  | 61  | 2.402 | 32 | 1.260 | 2        | 0.079 | 62                     | 38.3  |
| UC311-32    | -         | 2     | 120             | 4.724  | 66  | 2.598 | 34 | 1.339 | 2        | 0.079 | 71.6                   | 45    |
| UC311       | 55        | -     | 120             | 4.724  | 66  | 2.598 | 34 | 1.339 | 2        | 0.079 | 71.6                   | 45    |
| UC312-36    | -         | 2 1/4 | 130             | 5.118  | 71  | 2.795 | 36 | 1.417 | 2.1      | 0.083 | 81.9                   | 52.2  |
| UC312       | 60        | -     | 130             | 5.118  | 71  | 2.795 | 36 | 1.417 | 2.1      | 0.083 | 81.9                   | 52.2  |
| UC313-40    | -         | 2 1/2 | 140             | 5.512  | 75  | 2.953 | 38 | 1.496 | 2.1      | 0.083 | 92.7                   | 59.9  |
| UC313       | 65        | -     | 140             | 5.512  | 75  | 2.953 | 38 | 1.496 | 2.1      | 0.083 | 92.7                   | 59.9  |
| UC314-44    | -         | 2 3/4 | 150             | 5.906  | 78  | 3.071 | 40 | 1.575 | 2.1      | 0.083 | 104                    | 68.2  |
| UC314       | 70        | -     | 150             | 5.906  | 78  | 3.071 | 40 | 1.575 | 2.1      | 0.083 | 104                    | 68.25 |
| UC315-48    | -         | 3     | 160             | 6.299  | 82  | 3.228 | 42 | 1.654 | 2.1      | 0.083 | 113                    | 77.2  |
| UC315       | 75        | -     | 160             | 6.299  | 82  | 3.228 | 42 | 1.654 | 2.1      | 0.083 | 113                    | 77.2  |
| UC316       | 80        | -     | 170             | 6.693  | 86  | 3.386 | 44 | 1.732 | 2.1      | 0.083 | 123                    | 86.7  |
| UC317       | 85        | -     | 180             | 7.087  | 96  | 3.780 | 46 | 1.811 | 3        | 0.118 | 133                    | 96.8  |
| UC318-56    | -         | 3 1/2 | 190             | 7.480  | 96  | 3.780 | 48 | 1.890 | 3        | 0.118 | 143                    | 107   |
| UC318       | 90        | -     | 190             | 7.480  | 96  | 3.780 | 48 | 1.890 | 3        | 0.118 | 143                    | 107   |
| UC320-64    | -         | 4     | 215             | 8.465  | 108 | 4.252 | 54 | 2.126 | 3        | 0.118 | 173                    | 141   |
| UC320       | 100       | -     | 215             | 8.465  | 108 | 4.252 | 54 | 2.126 | 3        | 0.118 | 173                    | 141   |
| UC322       | 110       | -     | 240             | 9.449  | 117 | 4.606 | 60 | 2.362 | 3        | 0.118 | 205                    | 180   |
| UC324       | 120       | -     | 260             | 10.236 | 126 | 4.961 | 64 | 2.520 | 3        | 0.118 | 207                    | 185   |
| UC326       | 130       | -     | 280             | 11.024 | 135 | 5.315 | 68 | 2.677 | 4        | 0.157 | 229                    | 214   |
| UC328       | 140       | -     | 300             | 11.811 | 145 | 5.709 | 72 | 2.835 | 4        | 0.157 | 253                    | 246   |