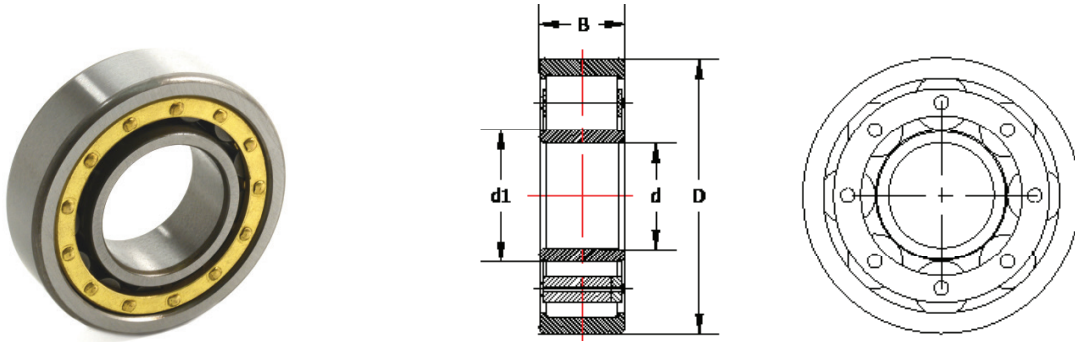


Cylindrical Roller Bearings

Single Row



Single Row Cylindrical Roller bearings in the NU configuration are designed to allow heavy radial loads at high speeds. They consist of cylindrical shaped rollers that are guided between integral open flanges on the outer ring, and retained by a brass cage. This design allows the inner ring to move relative to the outer ring, allowing for axial displacement which is critical to performance in many heavy duty applications.

| Bearing Designation | Ref # | Dimensions | | | Load Ratings (Lbs) | | Limiting Speeds (r/min) | | Weight (Lbs) |
|---------------------|------------|------------|-----|--------|--------------------|-------------|-------------------------|--------|--------------|
| | | d | D | B | Dynamic (C) | Static (Co) | Oil | Grease | |
| A5205TS | NU5205M/C3 | 25 | 52 | 0.8125 | 6300 | 6100 | 9800 | 7800 | 0.49 |
| A5206TS | NU5206M/C3 | 30 | 62 | 0.9375 | 9900 | 8100 | 8200 | 6600 | 0.79 |
| A5207TS | NU5207M/C3 | 35 | 72 | 1.0625 | 12600 | 10800 | 7000 | 5600 | 1.19 |
| A5208TS | NU5208M/C3 | 40 | 80 | 1.1875 | 13900 | 11900 | 6300 | 5000 | 1.71 |
| A5209TS | NU5209M/C3 | 45 | 85 | 1.1875 | 15500 | 14400 | 5700 | 4600 | 1.85 |
| A5210TS | NU5210M/C3 | 50 | 90 | 1.1875 | 16400 | 15500 | 5300 | 4200 | 2.00 |
| A5211TS | NU5211M/C3 | 55 | 100 | 1.3125 | 21600 | 21400 | 4800 | 3800 | 2.72 |
| A5212TS | NU5212M/C3 | 60 | 110 | 1.4375 | 24300 | 22900 | 4300 | 3400 | 3.65 |
| A5213TS | NU5213M/C3 | 65 | 120 | 1.5000 | 27400 | 26500 | 4000 | 3200 | 4.54 |
| A5214TS | NU5214M/C3 | 70 | 125 | 1.5625 | 30800 | 30800 | 3800 | 3000 | 4.98 |
| A5215TS | NU5215M/C3 | 75 | 130 | 1.6250 | 33700 | 35100 | 3600 | 2900 | 5.49 |
| A5216TS | NU5216M/C3 | 80 | 140 | 1.7500 | 36000 | 37300 | 3300 | 2600 | 6.50 |
| A5217TS | NU5217M/C3 | 85 | 150 | 1.9375 | 42700 | 45000 | 3100 | 2500 | 8.25 |
| A5218TS | NU5218M/C3 | 90 | 160 | 2.0625 | 56950 | 76500 | 2900 | 2300 | 11.00 |
| A5219TS | NU5219M/C3 | 95 | 170 | 2.1875 | 65025 | 86700 | 2800 | 2200 | 12.50 |
| A5220TS | NU5220M/C3 | 100 | 180 | 2.3750 | 68000 | 100300 | 2600 | 2100 | 16.00 |
| A5221TS | NU5221M/C3 | 105 | 190 | 2.5625 | 80750 | 107950 | 2500 | 2000 | 19.50 |
| A5222TS | NU5222M/C3 | 110 | 200 | 2.7500 | 95200 | 141100 | 2400 | 1900 | 21.80 |
| A5224TS | NU5224M/C3 | 120 | 215 | 3.0000 | 113900 | 170000 | 2200 | 1800 | 28.44 |
| A5226TS | NU5226M/C3 | 130 | 230 | 3.1250 | 124100 | 193800 | 2000 | 1600 | 33.69 |
| A5228TS | NU5228M/C3 | 140 | 250 | 3.2500 | 147050 | 229500 | 1900 | 1500 | 42.18 |
| A5230TS | NU5230M/C3 | 150 | 270 | 3.5000 | 176800 | 263500 | 1800 | 1400 | 52.55 |
| A5232TS | NU5232M/C3 | 160 | 290 | 3.8750 | 193800 | 323000 | 1600 | 1300 | 67.69 |
| A5234WB | NU5234M/C3 | 170 | 310 | 4.1250 | 212500 | 344250 | 1500 | 1200 | 82.60 |
| A5236WB | NU5236M/C3 | 180 | 320 | 4.2500 | 229500 | 382500 | 1500 | 1200 | 88.79 |
| A5238WB | NU5238M/C3 | 190 | 340 | 4.5000 | 255000 | 425000 | 1400 | 1100 | 103.69 |