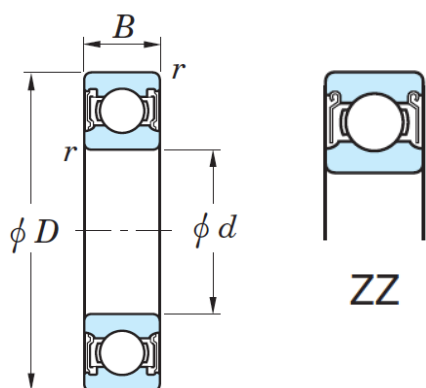


High Temperature Ball Bearings



270°C RANGE TECHNICAL CHARACTERISTICS

- AISI 52100 Steel
- Manganese Phosphate surface treatment
- Increased radial clearance to compensate for thermal expansion
- Klüber's Barrierta LT 55/2 grease from -30°C to 270°C
- ZZ shields



270°C - 600 Series

| Part Number | d (mm) | D (mm) | B (mm) | Weight (kg) | Speed Revs/min. | Static Load kN |
|--------------|--------|--------|--------|-------------|-----------------|----------------|
| 607-ZZ-270°C | 7 | 19 | 6 | - | - | - |
| 608-ZZ-270°C | 8 | 22 | 7 | - | - | - |

270°C - 6000 Series

| Part Number | d (mm) | D (mm) | B (mm) | Weight (kg) | Speed Revs/min. | Static Load kN |
|---------------|--------|--------|--------|-------------|-----------------|----------------|
| 6000-ZZ-270°C | 10 | 26 | 8 | 0.020 | 2300 | 1.14 |
| 6001-ZZ-270°C | 12 | 28 | 8 | 0.025 | 2090 | 1.37 |
| 6002-ZZ-270°C | 15 | 32 | 9 | 0.030 | 1930 | 1.65 |
| 6003-ZZ-270°C | 17 | 35 | 10 | 0.040 | 1790 | 1.88 |
| 6004-ZZ-270°C | 20 | 42 | 12 | 0.069 | 1620 | 2.89 |
| 6005-ZZ-270°C | 25 | 47 | 12 | 0.080 | 1375 | 3.38 |
| 6006-ZZ-270°C | 30 | 55 | 13 | 0.120 | 1060 | 4.62 |
| 6007-ZZ-270°C | 35 | 62 | 14 | 0.160 | 895 | 6.01 |
| 6008-ZZ-270°C | 40 | 68 | 15 | 0.190 | 820 | 6.80 |
| 6009-ZZ-270°C | 45 | 75 | 16 | 0.250 | 730 | 8.27 |
| 6010-ZZ-270°C | 50 | 80 | 16 | 0.260 | 690 | 9.02 |
| 6011-ZZ-270°C | 55 | 90 | 18 | 0.390 | 615 | 12.26 |
| 6012-ZZ-270°C | 60 | 95 | 18 | 0.420 | 570 | 13.43 |
| 6013-ZZ-270°C | 65 | 100 | 18 | 0.440 | 510 | 14.45 |
| 6014-ZZ-270°C | 70 | 110 | 20 | 0.600 | 495 | 18.21 |
| 6015-ZZ-270°C | 75 | 115 | 20 | 0.640 | 460 | 19.65 |
| 6016-ZZ-270°C | 80 | 125 | 22 | 0.850 | 410 | 22.1 |
| 6017-ZZ-270°C | 85 | 130 | 22 | 0.890 | 395 | 23.7 |
| 6018-ZZ-270°C | 90 | 140 | 24 | 1.150 | 375 | 27.6 |