

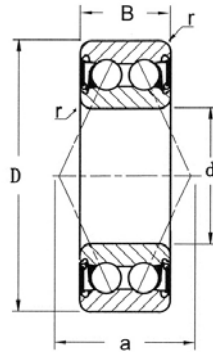


BALL BEARINGS

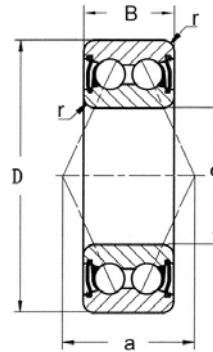


ANGULAR CONTACT BALL BEARINGS

Double Row
5200, 5300 Series



Type 2RS
with two seals
(non-contact)



Type ZZ
with two shields

| Boundary dimensions (mm) | | | | Basic load ratings N | | Limiting speeds RPM | | Mass (kg) open type | Bearing No. | |
|--------------------------|-----|------|-----|----------------------|------------|---------------------|--------|------------------------|-------------|----------|
| d | D | B | r | dynamic Cr | static Cor | Grease | oil | | Shields | Seals |
| 10 | 30 | 14.3 | 0.6 | 6 950 | 3 800 | 14 000 | 19 000 | 0.049 | 5200-ZZ | 5200-2RS |
| 12 | 32 | 15.9 | 0.6 | 7 600 | 4 500 | 13 000 | 17 000 | 0.057 | 5201-ZZ | 5201-2RS |
| 15 | 35 | 15.9 | 0.6 | 8 200 | 5 250 | 11 000 | 15 000 | 0.064 | 5202-ZZ | 5202-2RS |
| 17 | 40 | 17.5 | 0.6 | 10 800 | 7 100 | 9 900 | 13 000 | 0.096 | 5203-ZZ | 5203-2RS |
| | 47 | 22.2 | 1 | 19 000 | 11 900 | 9 000 | 12 000 | 0.181 | 5303-ZZ | 5303-2RS |
| 20 | 47 | 20.6 | 1 | 15 800 | 10 100 | 8 800 | 12 000 | 0.153 | 5204-ZZ | 5204-2RS |
| | 52 | 22.2 | 1.1 | 19 100 | 12 400 | 8 000 | 11 000 | 0.217 | 5304-ZZ | 5304-2RS |
| 25 | 52 | 20.6 | 1 | 18 200 | 13 200 | 7 300 | 9 800 | 0.175 | 5205-ZZ | 5205-2RS |
| | 62 | 25.4 | 1.1 | 26 500 | 17 900 | 6 700 | 8 900 | 0.362 | 5305-ZZ | 5305-2RS |
| 30 | 62 | 23.8 | 1 | 26 100 | 19 700 | 6 300 | 8 400 | 0.286 | 5206-ZZ | 5206-2RS |
| | 72 | 30.2 | 1.1 | 33 000 | 24 300 | 5 700 | 7 600 | 0.553 | 5306-ZZ | 5306-2RS |
| 35 | 72 | 27 | 1.1 | 33 000 | 24 500 | 5 500 | 7 400 | 0.436 | 5207-ZZ | 5207-2RS |
| | 80 | 34.9 | 1.5 | 49 500 | 35 000 | 5 000 | 6 600 | 0.766 | 5307-ZZ | 5307-2RS |
| 40 | 80 | 30.2 | 1.1 | 40 500 | 32 000 | 4 900 | 6 600 | 0.59 | 5208-ZZ | 5208-2RS |
| | 90 | 36.5 | 1.5 | 55 000 | 40 000 | 4 400 | 5 900 | 1.01 | 5308-ZZ | 5308-2RS |
| 45 | 85 | 30.2 | 1.1 | 40 000 | 32 500 | 4 400 | 5 900 | 0.64 | 5209-ZZ | 5209-2RS |
| | 100 | 39.7 | 1.5 | 66 500 | 49 500 | 4 000 | 5 300 | 1.34 | 5309-ZZ | 5309-2RS |
| 50 | 90 | 30.2 | 1.1 | 39 000 | 35 000 | 4 000 | 5 300 | 0.689 | 5210-ZZ | 5210-2RS |
| | 110 | 44.4 | 2 | 79 000 | 60 500 | 3 600 | 4 800 | 1.81 | 5310-ZZ | 5310-2RS |