



## NSK Double-row spherical roller bearing Cylindrical bore

### Characteristics

**Series:** 231

**Bore:** Cylindrical bore

**With sealing:** No

| Manufacturer ID | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | Cage  | Article     |
|-----------------|----------------------|----------------------|-------------|--------------------|-------|-------------|
| 22205CE4        | 25                   | 52                   | 18          | CN (normal)        | Steel | 22205-NSK   |
| 22206CE4C3      | 30                   | 62                   | 20          | C3                 | Steel | 22206C3-NSK |
| 22206CE4        | 30                   | 62                   | 20          | CN (normal)        | Steel | 22206-NSK   |
| 22207CE4C3      | 35                   | 72                   | 23          | C3                 | Steel | 22207C3-NSK |
| 22207CE4        | 35                   | 72                   | 23          | CN (normal)        | Steel | 22207-NSK   |
| 21307CDE4       | 35                   | 80                   | 21          | CN (normal)        | Steel | 21307-NSK   |
| 22208EAE4       | 40                   | 80                   | 23          | CN (normal)        | Steel | 22208-NSK   |
| 22308EAE4C3     | 40                   | 90                   | 33          | C3                 | Steel | 22308C3-NSK |
| 22209EAE4C3     | 45                   | 85                   | 23          | C3                 | Steel | 22209C3-NSK |
| 22209EAE4       | 45                   | 85                   | 23          | CN (normal)        | Steel | 22209-NSK   |
| 22309EAE4C3     | 45                   | 100                  | 36          | C3                 | Steel | 22309C3-NSK |
| 22309EAE4       | 45                   | 100                  | 36          | CN (normal)        | Steel | 22309-NSK   |
| 22210EAE4C3     | 50                   | 90                   | 23          | C3                 | Steel | 22210C3-NSK |
| 22210EAE4       | 50                   | 90                   | 23          | CN (normal)        | Steel | 22210-NSK   |
| 21310EAE4       | 50                   | 110                  | 27          | CN (normal)        | Steel | 21310-NSK   |
| 22310EAE4C3     | 50                   | 110                  | 40          | C3                 | Steel | 22310C3-NSK |
| 22310EAE4       | 50                   | 110                  | 40          | CN (normal)        | Steel | 22310-NSK   |
| 22211EAE4C3     | 55                   | 100                  | 25          | C3                 | Steel | 22211C3-NSK |
| 22311EAE4C3     | 55                   | 120                  | 43          | C3                 | Steel | 22311C3-NSK |
| 22311EAE4       | 55                   | 120                  | 43          | CN (normal)        | Steel | 22311-NSK   |
| 22212EAE4C3     | 60                   | 110                  | 28          | C3                 | Steel | 22212C3-NSK |
| 22212EAE4       | 60                   | 110                  | 28          | CN (normal)        | Steel | 22212-NSK   |
| 21312EAE4C3     | 60                   | 130                  | 31          | C3                 | Steel | 21312C3-NSK |
| 21312EAE4       | 60                   | 130                  | 31          | CN (normal)        | Steel | 21312-NSK   |
| 22312EAE4C3     | 60                   | 130                  | 46          | C3                 | Steel | 22312C3-NSK |
| 22312EAE4       | 60                   | 130                  | 46          | CN (normal)        | Steel | 22312-NSK   |
| 22213EAE4       | 65                   | 120                  | 31          | CN (normal)        | Steel | 22213-NSK   |
| 21313EAE4       | 65                   | 140                  | 33          | CN (normal)        | Steel | 21313-NSK   |
| 22313EAE4       | 65                   | 140                  | 48          | CN (normal)        | Steel | 22313-NSK   |
| 22214EAE4C3     | 70                   | 125                  | 31          | C3                 | Steel | 22214C3-NSK |
| 22214EAE4       | 70                   | 125                  | 31          | CN (normal)        | Steel | 22214-NSK   |
| 22215EAE4       | 75                   | 130                  | 31          | CN (normal)        | Steel | 22215-NSK   |
| 22315EAE4C3     | 75                   | 160                  | 55          | C3                 | Steel | 22315C3-NSK |
| 22315EAE4       | 75                   | 160                  | 55          | CN (normal)        | Steel | 22315-NSK   |
| 22216EAE4C3     | 80                   | 140                  | 33          | C3                 | Steel | 22216C3-NSK |
| 22216EAE4       | 80                   | 140                  | 33          | CN (normal)        | Steel | 22216-NSK   |
| 22316EAE4C3     | 80                   | 170                  | 58          | C3                 | Steel | 22316C3-NSK |
| 22316EAE4       | 80                   | 170                  | 58          | CN (normal)        | Steel | 22316-NSK   |
| 22217EAE4C3     | 85                   | 150                  | 36          | C3                 | Steel | 22217C3-NSK |
| 22217EAE4       | 85                   | 150                  | 36          | CN (normal)        | Steel | 22217-NSK   |
| 22317EAE4C3     | 85                   | 180                  | 60          | C3                 | Steel | 22317C3-NSK |
| 22317EAE4       | 85                   | 180                  | 60          | CN (normal)        | Steel | 22317-NSK   |
| 22218EAE4C3     | 90                   | 160                  | 40          | C3                 | Steel | 22218C3-NSK |

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| Manufacturer ID | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Internal clearance | Cage  | Article     |
|-----------------|----------------------|----------------------|-------------|--------------------|-------|-------------|
| 22218EAE4       | 90                   | 160                  | 40          | CN (normal)        | Steel | 22218-NSK   |
| 23218CE4C3      | 90                   | 160                  | 52.4        | C3                 | Steel | 23218C3-NSK |
| 23218CE4        | 90                   | 160                  | 52.4        | CN (normal)        | Steel | 23218-NSK   |
| 22318EAE4       | 90                   | 190                  | 64          | CN (normal)        | Steel | 22318-NSK   |
| 22219EAE4C3     | 95                   | 170                  | 43          | C3                 | Steel | 22219C3-NSK |
| 22219EAE4       | 95                   | 170                  | 43          | CN (normal)        | Steel | 22219-NSK   |
| 22319EAE4       | 95                   | 200                  | 67          | CN (normal)        | Steel | 22319-NSK   |
| 23120CE4        | 100                  | 165                  | 52          | CN (normal)        | Steel | 23120-NSK   |
| 23220CE4        | 100                  | 180                  | 60.3        | CN (normal)        | Steel | 23220-NSK   |
| 22320EAE4C3     | 100                  | 215                  | 73          | C3                 | Steel | 22320C3-NSK |
| 23122CE4        | 110                  | 180                  | 56          | CN (normal)        | Steel | 23122-NSK   |
| 24122CE4C4      | 110                  | 180                  | 69          | C4                 | Steel | 24122C4-NSK |
| 23222CE4C3      | 110                  | 200                  | 69.8        | C3                 | Steel | 23222C3-NSK |
| 22322EAE4       | 110                  | 240                  | 80          | CN (normal)        | Steel | 22322-NSK   |
| 23024CDE4       | 120                  | 180                  | 46          | CN (normal)        | Steel | 23024-NSK   |
| 24024CE4        | 120                  | 180                  | 60          | CN (normal)        | Steel | 24024-NSK   |
| 23124CE4        | 120                  | 200                  | 62          | CN (normal)        | Steel | 23124-NSK   |
| 22224EAE4C3     | 120                  | 215                  | 58          | C3                 | Steel | 22224C3-NSK |
| 22224EAE4       | 120                  | 215                  | 58          | CN (normal)        | Steel | 22224-NSK   |
| 23224CE4        | 120                  | 215                  | 76          | CN (normal)        | Steel | 23224-NSK   |
| 22324EAE4       | 120                  | 260                  | 86          | CN (normal)        | Steel | 22324-NSK   |
| 23026CDE4C3     | 130                  | 200                  | 52          | C3                 | Steel | 23026C3-NSK |
| 23026CDE4       | 130                  | 200                  | 52          | CN (normal)        | Steel | 23026-NSK   |
| 23126CE4        | 130                  | 210                  | 64          | CN (normal)        | Steel | 23126-NSK   |
| 22226EAE4C3     | 130                  | 230                  | 64          | C3                 | Steel | 22226C3-NSK |
| 22226EAE4       | 130                  | 230                  | 64          | CN (normal)        | Steel | 22226-NSK   |
| 23226CE4        | 130                  | 230                  | 80          | CN (normal)        | Steel | 23226-NSK   |
| 23028CDE4C3     | 140                  | 210                  | 53          | C3                 | Steel | 23028C3-NSK |
| 23028CDE4       | 140                  | 210                  | 53          | CN (normal)        | Steel | 23028-NSK   |
| 23228CE4C3      | 140                  | 250                  | 88          | C3                 | Steel | 23228C3-NSK |
| 23032CDE4       | 160                  | 240                  | 60          | CN (normal)        | Steel | 23032-NSK   |
| 23132CE4        | 160                  | 270                  | 86          | CN (normal)        | Steel | 23132-NSK   |
| 23034CDE4       | 170                  | 260                  | 67          | CN (normal)        | Steel | 23034-NSK   |
| 24134CE4        | 170                  | 280                  | 109         | CN (normal)        | Steel | 24134-NSK   |
| 23036CDE4       | 180                  | 280                  | 74          | CN (normal)        | Steel | 23036-NSK   |

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