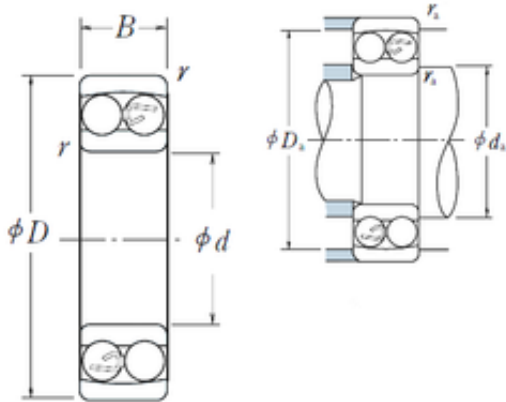




KIA Roller Industry Co.,Ltd

NSK 2209 self aligning ball bearings

Bearing No. 2209



2209 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-------------|
| Size | 45x85x23 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 85 mm |
| Width | 23 mm |
| d | 45 mm |
| D | 85 mm |
| B | 23 mm |
| C | 23 mm |
| r min. | 1,1 mm |
| da min. | 51,5 mm |
| Da max. | 78,5 mm |
| ra max. | 1 mm |
| Weight | 0,522 Kg |
| Basic dynamic load rating (C) | 23,3 kN |
| Basic static load rating (C0) | 8,15 kN |
| (Grease) Lubrication Speed | 7 100 r/min |
| (Oil) Lubrication Speed | 8 500 r/min |
| Calculation factor (e) | 0,3 |
| Calculation factor (Y0) | 2,2 |
| Calculation factor (Y2) | 3,2 |
| SRI | 5 |
| Y3 | 2.1 |
| hidYobi | 2209 |
| LangID | 1 |
| PCD | 65 |
| D_ | 85 |



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| | |
|--------------|------------|
| Y2 | 3.2 |
| SREX | 0 |
| cyl count | 18 |
| B_ | 23 |
| hidTable | ecat_NSSAB |
| Oil rpm | 8500 |
| SRE | 0 |
| Y0 | 2.2 |
| mass | 0.522 |
| ra | 1 |
| GRS rpm | 7100 |
| SRIX | 0.04 |
| groove inner | 55.465 |
| D_a | 78.5 |
| SRIN | 0 |
| C0 | 8.15 |
| groove outer | 75.852 |
| SREN | 0 |
| X0 | 1 |
| Prod_Type3 | SABB_SA_CB |
| X1 | 1 |
| da | 51.5 |
| X2 | 0.65 |
| e | 0.3 |
| yobi | 2209 |
| r | 1.1 |
| KBRG | 1354 |
| CAng | 11.479 |
| cyl dia | 9.525 |