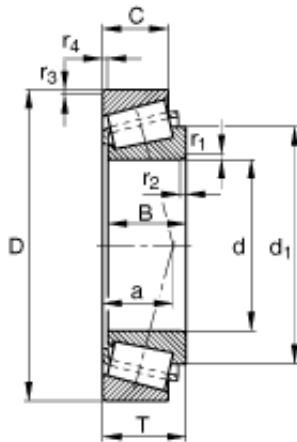




Precision accessories MFG.CORP



45 mm x 100 mm x 36 mm FAG 32309-BA Tapered Roller Bearing Assemblies

Bearing No. 32309-BA

| | |
|-----------------------|------------------|
| Size | 45x100x38.25 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 100 mm |
| Width | 38,25 mm |
| d | 45 mm |
| D | 100 mm |
| T | 38,25 mm |
| a | 30 mm |
| B | 36 mm |
| C | 30 mm |
| $C_{a \text{ min}}$ | 5 mm |
| $C_{b \text{ min}}$ | 8 mm |
| $D_{a \text{ max}}$ | 91 mm |
| $D_{a \text{ min}}$ | 76 mm |
| $D_{b \text{ min}}$ | 94 mm |
| d_1 | 74,2 mm |
| $d_{a \text{ max}}$ | 55 mm |
| $d_{b \text{ min}}$ | 54 mm |
| $r_{1,2 \text{ min}}$ | 2 mm |
| $r_{3,4 \text{ min}}$ | 1,5 mm |
| $r_{a \text{ max}}$ | 2 mm |
| $r_{b \text{ max}}$ | 1,5 mm |
| m | 1,48 kg / Weight |
| C | 144000 N |

32309-BA Bearing 2D drawings and 3D CAD models



Precision accessories MFG.CORP

| | |
|----------|---|
| r | |
| C_{0r} | 187000 N / Static load rating (radial) |
| e | 0,55 |
| Y | 1,1 |
| Y_0 | 0,6 |
| C_{ur} | 23100 N / Fatigue limit load, radial |
| n_G | 7200 1/min / Limiting speed |
| n_B | 5000 1/min / Reference speed |