



Bearing de Mexico, S.A.



45 mm x 85 mm x 23 mm FAG 32209-XL tapered roller bearings

Bearing No. 32209-XL

32209-XL Bearing 2D drawings and 3D CAD models

| | |
|------------------------|-------------------|
| Size | 45x85x24.75 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 85 mm |
| Width | 24,75 mm |
| d | 45 mm |
| D | 85 mm |
| T | 24,75 mm |
| a | 20,3 mm |
| B | 23 mm |
| C | 19 mm |
| $C_{a \text{ min}}$ | 3 mm |
| $C_{b \text{ min}}$ | 5,5 mm |
| $D_{a \text{ max}}$ | 78 mm |
| $D_{a \text{ min}}$ | 73 mm |
| $D_{b \text{ min}}$ | 80 mm |
| d_1 | 65,6 mm |
| $d_{a \text{ max}}$ | 53 mm |
| $d_{b \text{ min}}$ | 52 mm |
| $r_{1, 2 \text{ min}}$ | 1,5 mm |
| $r_{3, 4 \text{ min}}$ | 1,5 mm |
| $r_{a \text{ max}}$ | 1,5 mm |
| $r_{b \text{ max}}$ | 1,5 mm |
| m | 0,591 kg / Weight |
| C | 97000 N |



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| r | |
| C_{0r} | 100000 N / Static load rating (radial) |
| e | 0,4 |
| Y | 1,48 |
| Y_0 | 0,81 |
| C_{ur} | 15200 N / Fatigue limit load, radial |
| n_G | 8500 1/min / Limiting speed |
| n_B | 4900 1/min / Reference speed |