



Bearing No. 6308-ZNR

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|-----------|----------------------------|
| b | 2,7 mm |
| f | 2,46 mm |
| d | 40 mm |
| D | 90 mm |
| B | 23 mm |
| C | 3,28 mm |
| d1 | 56,1 mm |
| D3 | 86,79 mm |
| D2 | 77,7 mm |
| D4 | 96,5 mm |
| Bore | 1.575 Inch 40 Millimeter |
| Noun | Bearing |
| UNSPSC | 31171504 |
| da max | 56 mm |
| Weight | 0,65 Kg |
| Db min. | 98 mm |
| Da max. | 81 mm |
| ra max. | 1,5 mm |
| da min. | 3 mm |
| Ca max. | 5,74 mm |
| ba min. | 5,74 mm |
| r2 min. | 1,5 mm |
| r0 max. | 0,6 mm |
| r1 min. | 1,5 mm |
| Category | Single Row Ball Bearing |
| Inventory | 0.0 |
| Enclosure | 1 Metal Shield |
| Snap ring | SP 90 |
| Snap Ring | Yes |
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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size (mm) | 40x90x23 |
| Width (mm) | 23 |
| Weight / LBS | 1.411 |
| Mass bearing | 0.65 kg |
| D ₃ | 86.79 mm |
| D ₄ | 96.5 mm |
| Inch - Metric | Metric |
| Cage Material | Steel |
| Product Group | B00308 |
| Keyword String | Ball |
| Other Features | Deep Groove With Snap Ring |
| Bearing number | 6308-ZNR |
| Limiting speed | 11000 r/min |
| Rolling Element | Ball Bearing |
| Reference speed | 17000 r/min |
| Precision Class | ABEC 1 ISO P0 |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Long Description | 40MM Bore; 90MM Outside Diameter; 23MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee |
| Inner Race Width | 0 Inch 0 Millimeter |
| Outer Race Width | 0.906 Inch 23 Millimeter |
| Manufacturer Name | SKF |
| Weight / Kilogram | 0.626 |
| d _a max. | 56 mm |

| | |
|---------------------------------|---------------|
| D_a max. | 81 mm |
| D_b min. | 98 mm |
| Internal Clearance | C0-Medium |
| b_a min. | 3 mm |
| r_0 max. | 0.6 mm |
| C_a max. | 5.74 mm |
| r_a max. | 1.5 mm |
| Bore Diameter (mm) | 40 |
| d_a min. | 49 mm |
| Outer Diameter (mm) | 90 |
| Minimum Buy Quantity | N/A |
| $r_{1,2}$ min. | 1.5 mm |
| d_1 ? | 56.11 mm |
| D_2 ? | 77.7 mm |
| Harmonized Tariff Code | 8482.10.50.68 |
| Fatigue load limit (Pu) | 1,02 |
| Calculation factor (f0) | 13 |
| Internal Special Features | No |
| Basic dynamic load rating C | 42.3 kN |
| Basic dynamic load rating (C) | 42,3 kN |
| Basic static load rating (C0) | 24 kN |
| Maximum Capacity / Filling Slot | No |
| Fatigue load limit P_u | 1.02 kN |
| Calculation factor k_r | 0.03 |
| Calculation factor f_0 | 13 |
| Basic static load rating C_0 | 24 kN |