

11590/11520

SKF

15.875×42.862×14.288mm

Calculation factor Y 0.84

Tapered roller bearings

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|---------------------|----------------------|
| Bearing number | 11590/11520 |
| Size (mm) | 15.875×42.862×14.288 |
| Brand | SKF |
| Bore Diameter (mm) | 15.875 |
| Outer Diameter (mm) | 42.862 |
| Width (mm) | 14.288 |
| d | 15.875 mm |
| D | 42.862 mm |
| T | 14.288 mm |
| B | 14.34 mm |
| C | 9.58 mm |
| a | 13 mm |
| d1 | 31.1 mm |
| r1 min. | 1.5 mm |
| r2 min. | 1.5 mm |
| r3 min. | 1.5 mm |
| r4 min. | 1.5 mm |
| Ca min. | 2 mm |
| Cb min. | 4.5 mm |
| da max | 23 mm |
| Da min | 32 mm |
| Da max. | 36 mm |

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| db min | 23 mm |
| Db min. | 38 mm |
| ra max. | 1.5 mm |
| rb max. | 1.5 mm |
| Weight | 0.1 Kg |
| Basic dynamic load rating (C) | 17.6 kN |
| Basic static load rating (C0) | 17.6 kN |
| Fatigue load limit (Pu) | 1.8 |
| Reference speed | 12000 r/min |
| Limiting speed | 17000 r/min |
| Calculation factor (e) | 0.72 |
| Calculation factor (Y) | 0.84 |
| Category | Roller Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.104 |
| EAN | 7316572027141 |
| Product Group – BDI | B04334 |
| Dimension series | 11500 |
| $d_1 \approx$ | 31.1 mm |
| $r_{1,2}$ min. | 1.5 mm |
| $r_{3,4}$ min. | 1.5 mm |
| d_a max. | 23 mm |
| d_b min. | 23.5 mm |
| D_a min. | 32 mm |
| D_a max. | 36.5 mm |
| D_b min. | 38 mm |

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|--------------------------------|---------|
| C_a min. | 2 mm |
| C_b min. | 4.5 mm |
| r_a max. | 1.5 mm |
| r_b max. | 1.5 mm |
| Basic dynamic load rating C | 21.5 kN |
| Basic static load rating C_0 | 17.6 kN |
| Fatigue load limit P_u | 1.8 kN |
| Calculation factor e | 0.72 |
| Calculation factor Y | 0.84 |
| Calculation factor Y_0 | 0.45 |
| Mass bearing | 0.1 kg |