



Lokong Bearing Co., Ltd.



12 mm x 28 mm x 8 mm BT160-4 Excavator Bearing

Bearing No. 6001

6001 Bearing 2D drawings and 3D CAD models

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|-------------------------------|--------------------------|
| Size | 12x28x8 mm |
| Bore Diameter | 12 mm |
| Outer Diameter | 28 mm |
| Width | 8 mm |
| d | 12 mm |
| D | 28 mm |
| B | 8 mm |
| C | 8 mm |
| d1 | 17 mm |
| r1 min. | 0,3 mm |
| r2 min. | 0,3 mm |
| D1 | 23,2 mm |
| D2 | 24,8 mm |
| da min. | 14 mm |
| Da max. | 26 mm |
| rc max. | 0,3 mm |
| Weight | 0,021 Kg |
| Basic dynamic load rating (C) | 5,4 kN |
| Basic static load rating (C0) | 2,36 kN |
| Fatigue load limit (Pu) | 0,1 |
| Reference speed | 60000 r/min |
| Limiting speed | 38000 r/min |
| Calculation factor (f0) | 13 |
| Category | Single Row Ball Bearings |
| Inventory | 2.0 |



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| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.023 |
| EAN | 7316570615814 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 12MM Bore; 28MM Outside Diameter; 8MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 6001 |
| Weight / LBS | 0.05 |
| Outer Race Width | 0.315 Inch 8 Millimeter |
| Outside Diameter | 1.102 Inch 28 Millimeter |
| Bore | 0.472 Inch 12 Millimeter |
| d ₁ | 17 mm |
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| D_2 | 24.72 mm |
| $r_{1,2}$ min. | 0.3 mm |
| d_a min. | 14 mm |
| D_a max. | 26 mm |
| r_a max. | 0.3 mm |
| Basic dynamic load rating C | 5.4 kN |
| Basic static load rating C_0 | 2.36 kN |
| Fatigue load limit P_u | 0.1 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 13 |
| Mass bearing | 0.021 kg |