



Bearing No. 6024

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|----------------|-----------------------------|
| D | 180 mm |
| d | 120 mm |
| B | 28 mm |
| Noun | Bearing |
| Bore | 4.724 Inch 120 Millimeter |
| UNSPSC | 31171504 |
| series: | 60 |
| Category | Single Row Ball Bearing |
| Inventory | 0.0 |
| Enclosure | Open |
| Size (mm) | 180x120x28 |
| Snap Ring | No |
| Width (mm) | 28 |
| bore type: | Round |
| Weight / LBS | 4.75 |
| Mass bearing | 2.1 kg |
| maximum rpm: | 4800 RPM |
| Inch - Metric | Metric |
| Product Group | B00308 |
| Cage Material | Steel |
| closure type: | Open |
| D_2 | 165.3 mm |
| d_1 | 139.05 mm |
| Keyword String | Ball |
| bore diameter: | 120 mm |
| cage material: | Steel |
| fillet radius: | 2 mm |
| overall width: | 28 mm |
| Bearing number | 6024 |

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| Limiting speed | 4800 r/min |
| Rolling Element | Ball Bearing |
| finish/coating: | Uncoated |
| Precision Class | ABEC 1 ISO P0 |
| Reference speed | 7500 r/min |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 7.087 Inch 180 Millimeter |
| Outer Race Width | 1.102 Inch 28 Millimeter |
| Long Description | 120MM Bore; 180MM Outside Diameter; 28MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Manufacturer Name | SKF |
| outer ring width: | 28 mm |
| outside diameter: | 180 mm |
| Weight / Kilogram | 2.16 |
| precision rating: | ABEC 1 (ISO Class Normal) |
| D _a max. | 171 mm |
| Bore Diameter (mm) | 180 |
| d _a min. | 129 mm |
| r _a max. | 2 mm |
| Internal Clearance | C0-Medium |
| internal clearance: | C0 |
| Outer Diameter (mm) | 120 |
| snap ring included: | Without Snap Ring |
| D _a - max. | 171 mm |
| d _a - min. | 129 mm |
| r _{1,2} min. | 2 mm |
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|----------------------------------|--------------------------|
| r_a - max. | 2 mm |
| Minimum Buy Quantity | N/A |
| d_1 ? | 139.05 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| static load capacity: | 80 kN |
| D_2 ? | 165.3 mm |
| dynamic load capacity: | 88.4 kN |
| Harmonized Tariff Code | 8482.10.50.68 |
| Manufacturer Item Number | 6024 |
| Internal Special Features | No |
| Basic dynamic load rating C | 88.4 kN |
| Basic dynamic load rating - C | 88.4 kN |
| Maximum Capacity / Filling Slot | No |
| Fatigue load limit P_u | 2.75 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 15.9 |
| Fatigue load limit - P_u | 2.8 kN |
| Calculation factor - k_r | 0.025 |
| Calculation factor - f_0 | 15.9 |
| Basic static load rating C_0 | 80 kN |
| Basic static load rating - C_0 | 80 kN |