



FN Bearing Machinery Equipment Co.,Ltd



150 mm x 270 mm x 45 mm 150 mm x 270 mm
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 mm x 45 mm 150 mm x 270 mm x 45 mm 150 m

Bearing No. 6230

6230 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 270x150x45 mm |
| Bore Diameter | 270 mm |
| Outer Diameter | 150 mm |
| Width | 45 mm |
| d | 150 mm |
| D | 270 mm |
| B | 45 mm |
| d ₁ | 190.6 mm |
| D ₁ | 227.35 mm |
| r _{1,2} - min. | 3 mm |
| d _a - min. | 164 mm |
| D _a - max. | 256 mm |
| r _a - max. | 2.5 mm |
| Basic dynamic load rating - C | 174 kN |
| Basic static load rating - C ₀ | 166 kN |
| Fatigue load limit - P _u | 4.9 kN |
| Reference speed | 5000 r/min |
| Limiting speed | 3200 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 15.1 |
| Category | Single Row Ball Bearings |



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|---------------------------------|--|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 10.278 |
| 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 | 150MM Bore; 270MM Outside Diameter; 45MM 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 | 6230 |
| Weight / LBS | 22.638 |
| Bore | 5.906 Inch 150 Millimeter |
| Outer Race Width | 1.772 Inch 45 Millimeter |
| Outside Diameter | 10.63 Inch 270 Millimeter |
| bore diameter: | 150 mm |
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|--------------------------------|--------------------------|
| static load capacity: | 166 kN |
| outside diameter: | 270 mm |
| precision rating: | Not Rated |
| overall width: | 45 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| outer ring width: | 45 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 2.5 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 3200 RPM |
| internal clearance: | C0 |
| series: | 62 |
| dynamic load capacity: | 174 kN |
| d_1 | 190.6 mm |
| D_1 | 227.35 mm |
| $r_{1,2}$ min. | 3 mm |
| d_a min. | 164 mm |
| D_a max. | 256 mm |
| r_a max. | 2.5 mm |
| Basic dynamic load rating C | 174 kN |
| Basic static load rating C_0 | 166 kN |
| Fatigue load limit P_u | 4.9 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 15.1 |
| Mass bearing | 10.1 kg |