



BROWNING BEARING COMPANY



110 mm x 200 mm x 38 mm skf 6222 bearing

Bearing No. 6222

6222 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 200x110x38 mm |
| Bore Diameter | 200 mm |
| Outer Diameter | 110 mm |
| Width | 38 mm |
| d | 110 mm |
| D | 200 mm |
| B | 38 mm |
| d ₁ | 138 mm |
| D ₂ | 176.7 mm |
| r _{1,2} - min. | 2.1 mm |
| d _a - min. | 122 mm |
| D _a - max. | 188 mm |
| r _a - max. | 2 mm |
| Basic dynamic load rating - C | 151 kN |
| Basic static load rating - C ₀ | 118 kN |
| Fatigue load limit - P _u | 4 kN |
| Reference speed | 6700 r/min |
| Limiting speed | 4300 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14.3 |
| Category | Single Row Ball Bearings |
| Inventory | 1.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 4.49 |



BROWNING BEARING COMPANY

| | |
|---------------------------------|--|
| EAN | 7316576622175 |
| 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 | 110MM Bore; 200MM Outside Diameter; 38MM 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 | 6222 |
| Weight / LBS | 9.88 |
| Outside Diameter | 7.874 Inch 200 Millimeter |
| Outer Race Width | 1.496 Inch 38 Millimeter |
| Bore | 4.331 Inch 110 Millimeter |
| bore diameter: | 110 mm |
| static load capacity: | 118 kN |
| outside diameter: | 200 mm |
| precision rating: | ABEC 1 (ISO Class |



BROWNING BEARING COMPANY

| | |
|--------------------------------|--------------------------|
| | Normal) |
| overall width: | 38 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| outer ring width: | 38 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 2 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 4300 RPM |
| internal clearance: | C0 |
| series: | 62 |
| dynamic load capacity: | 151 kN |
| d_1 | 138 mm |
| D_2 | 176.7 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a min. | 122 mm |
| D_a max. | 188 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 151 kN |
| Basic static load rating C_0 | 118 kN |
| Fatigue load limit P_u | 4 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14.3 |
| Mass bearing | 4.45 kg |