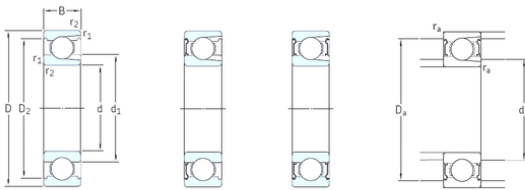




NTNY BEARING LTD



50 mm x 110 mm x 27 mm skf 310 bearing

Bearing No. 310

310 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 50x110x27 mm |
| Bore Diameter | 50 mm |
| Outer Diameter | 110 mm |
| Width | 27 mm |
| d | 50 mm |
| D | 110 mm |
| B | 27 mm |
| C | 27 mm |
| d1 | 68,7 mm |
| r1 min. | 2 mm |
| r2 min. | 2 mm |
| D2 | 95,2 mm |
| da min. | 61 mm |
| da max | 68,6 mm |
| Da max. | 99 mm |
| ra max. | 2 mm |
| Weight | 1,15 Kg |
| Basic dynamic load rating (C) | 64,4 kN |
| Basic static load rating (C0) | 52 kN |
| Fatigue load limit (Pu) | 2,2 |
| Reference speed | 11000 r/min |
| Limiting speed | 7000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 1.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



NTNY BEARING LTD

| | |
|---------------------------------|--|
| Weight / Kilogram | 1.187 |
| EAN | 7316576680434 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | Yes |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 50MM Bore; 110MM Outside Diameter; 27MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes 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 | 310 |
| Weight / LBS | 2.62 |
| Outer Race Width | 1.063 Inch 27 Millimeter |
| Bore | 1.969 Inch 50 Millimeter |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| bore diameter: | 50 mm |
| precision rating: | ABEC 3 (ISO Class 6) |
| outside diameter: | 110 mm |
| | |



NTNY BEARING LTD

| | |
|--------------------------------|---|
| finish/coating: | Uncoated |
| overall width: | 27 mm |
| cage material: | Steel |
| bore type: | Round |
| outer ring width: | 27 mm |
| closure type: | Open |
| fillet radius: | 2 mm |
| row type & fill slot: | Single Row Filling Slot |
| maximum rpm: | 7000 RPM |
| internal clearance: | C0 |
| series: | 31 |
| dynamic load capacity: | 64.4 kN |
| thrust application warning: | This product can not be used in Thrust Applications |
| static load capacity: | 52 kN |
| d_1 | 68.76 mm |
| D_2 | 95.2 mm |
| $r_{1,2}$ min. | 2 mm |
| d_a min. | 61 mm |
| D_a max. | 99 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 64.4 kN |
| Basic static load rating C_0 | 52 kN |
| Fatigue load limit P_u | 2.2 kN |
| Calculation factor k_r | 0.05 |
| Mass bearing | 1.15 kg |