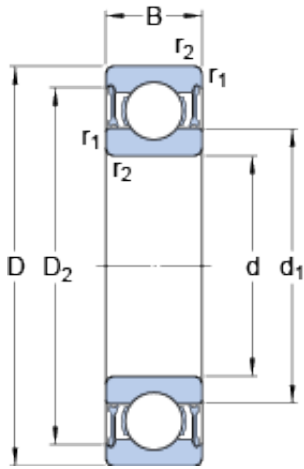




IFB Roller Industry Co.,Ltd



61817-2RZ Bearing 2D drawings and 3D CAD models

SKF 61817-2RZ deep groove ball bearings

Bearing No. 61817-2RZ

| | |
|---|--------------------------|
| Size | 110x85x13 mm |
| Bore Diameter | 110 mm |
| Outer Diameter | 85 mm |
| Width | 13 mm |
| d | 85 mm |
| D | 110 mm |
| B | 13 mm |
| d ₁ | 93.3 mm |
| D ₂ | 104.3 mm |
| r _{1,2} - min. | 1.9 mm |
| d _a - min. | 89.6 mm |
| d _a - max. | 93.1 mm |
| D _a - max. | 105 mm |
| r _a - max. | 1 mm |
| Basic dynamic load rating - C | 19.5 kN |
| Basic static load rating - C ₀ | 16.6 kN |
| Fatigue load limit - P _u | 0.88 kN |
| Reference speed | 12000 r/min |
| Limiting speed | 6000 r/min |
| Calculation factor - k _r | 0.015 |
| Calculation factor - f ₀ | 13.5 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



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| | |
|---------------------------------|--|
| Weight / Kilogram | 0.299 |
| EAN | 7316577100467 |
| Product Group | B00308 |
| Enclosure | 2 Seals |
| 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 |
| Enclosure Type | Non-Contact Seal |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 85MM Bore; 110MM Outside Diameter; 13MM Outer Race Diameter; 2 Seals; 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 | 61817 2RZ |
| Weight / LBS | 0.66 |
| Bore | 3.346 Inch 85 Millimeter |
| Outer Race Width | 0.512 Inch 13 Millimeter |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| bore diameter: | 85 mm |
| static load capacity: | 20.8 kN |
| | |



IFB Roller Industry Co.,Ltd

| | |
|--------------------------------|--------------------------|
| outside diameter: | 110 mm |
| precision rating: | Not Rated |
| overall width: | 13 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Double Sealed |
| outer ring width: | 13 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 1 mm |
| internal clearance: | C0 |
| maximum rpm: | 6000 RPM |
| operating temperature range: | -40 to +210 ° F |
| series: | 61 |
| dynamic load capacity: | 19.5 kN |
| d_1 | 93.3 mm |
| D_2 | 104.3 mm |
| $r_{1,2}$ min. | 1.9 mm |
| d_a min. | 89.6 mm |
| d_a max. | 93.1 mm |
| D_a max. | 105 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 19.5 kN |
| Basic static load rating C_0 | 16.6 kN |
| Fatigue load limit P_u | 0.88 kN |
| Calculation factor k_r | 0.015 |
| Calculation factor f_0 | 13.5 |
| Mass bearing | 0.28 kg |