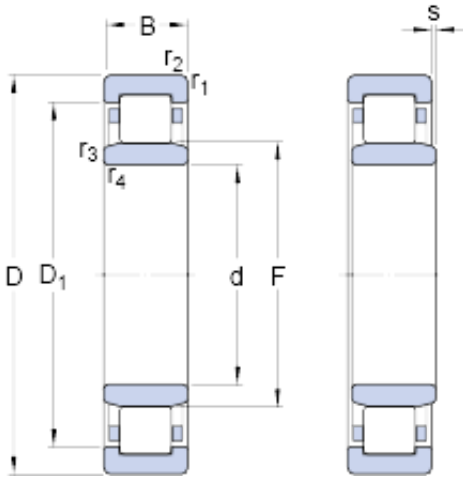




Bearing company



nu 310 ecp Bearing 2D drawings and 3D CAD models

50 mm x 110 mm x 27 mm skf nu 310 ecp bearing

Bearing No. nu 310 ecp

| | |
|---|--------------|
| Size | 110x50x27 mm |
| Bore Diameter | 110 mm |
| Outer Diameter | 50 mm |
| Width | 27 mm |
| d | 50 mm |
| D | 110 mm |
| B | 27 mm |
| D ₁ | 91.4 mm |
| F | 65 mm |
| r _{1,2} - min. | 2 mm |
| r _{3,4} - min. | 2 mm |
| s | 1.9 mm |
| d _a - min. | 60 mm |
| d _a - max. | 63 mm |
| d _b - min. | 67 mm |
| D _a - max. | 99.6 mm |
| r _a - max. | 2 mm |
| r _b - max. | 2 mm |
| Basic dynamic load rating - C | 127 kN |
| Basic static load rating - C ₀ | 112 kN |
| Fatigue load limit - P _u | 15 kN |
| Reference speed | 6700 r/min |
| Limiting speed | 8000 r/min |
| Calculation factor - k _r | 0.15 |
| | |



Bearing company

| | |
|---------------------------|---|
| Category | Cylindrical Roller Bearings |
| Inventory | 2.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.175 |
| EAN | 7316577023131 |
| Product Group | B04144 |
| Bore Profile | Straight |
| Cage Material | Polymer |
| Precision Class | RBEC 1 ISO P0 |
| Number of Rows of Rollers | Single Row |
| Separable | Inner Ring - Both Sides |
| Rolling Element | Cylindrical Roller Bearing |
| Profile | Complete with Outer and Inner Ring |
| Snap Ring | No |
| Internal Clearance | C0-Medium |
| Retainer | Yes |
| Relubricatable | Yes |
| Inch - Metric | Metric |
| Other Features | High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID |
| Long Description | 50MM Bore; Straight Bore Profile; 110MM Outside Diameter; 27MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In |
| Category | Cylindrical Roller Bearing |
| UNSPSC | 31171547 |
| Harmonized Tariff Code | 8482.50.00.00 |
| Noun | Bearing |



Bearing company

| | |
|------------------------------|---|
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | NU 310 ECP |
| Weight / LBS | 2.588 |
| 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: | RBEC 1 (ISO Class Normal) |
| outside diameter: | 110 mm |
| maximum rpm: | 8000 RPM |
| overall width: | 27 mm |
| bearing material: | Steel |
| flanges: | (2) Outer Ring |
| cage material: | Polyamide |
| bore type: | Straight |
| finish/coating: | Uncoated |
| number of rows: | 1 |
| closure type: | Open |
| internal clearance: | C0 |
| application: | Piston Type Machines, Rolling Mills, Spindles/Machine Tools |
| ring separation: | Separable Ring |
| outer ring width: | 27 mm |
| operating temperature range: | Maximum of +300 ° F |
| fillet radius: | 2 mm |
| dynamic load capacity: | 127 kN |
| series: | NU3 |
| static load capacity: | 112 kN |
| D ₁ | 91.4 mm |
| r _{1,2} min. | 2 mm |
| | |



Bearing company

| | |
|--------------------------------|-----------|
| $r_{3,4}$ min. | 2 mm |
| s max. | 1.9 mm |
| d_a min. | 60 mm |
| d_a max. | 63 mm |
| d_b min. | 67 mm |
| D_a max. | 99.6 mm |
| r_a max. | 2 mm |
| r_b max. | 2 mm |
| Basic dynamic load rating C | 127 kN |
| Basic static load rating C_0 | 112 kN |
| Fatigue load limit P_u | 15 kN |
| Calculation factor k_r | 0.15 |
| Limiting value e | 0.2 |
| Axial load factor Y | 0.6 |
| Mass bearing | 1.12 kg |
| Angle ring | HJ 310 EC |