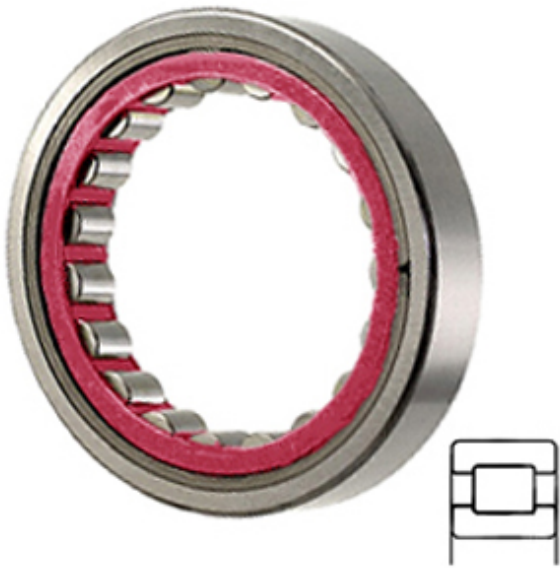




Precision accessories MFG.CORP



RNU 204 Bearing 2D drawings and 3D CAD models

1.063 Inch | 27 Millimeter x 47 mm x 0.551 Inch
| 14 Millimeter SKF RNU 204 Cylindrical Roller
Bearings

Bearing No. RNU 204

| | |
|---------------------------|---|
| Category | Cylindrical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.088 |
| EAN | 7316577015259 |
| Product Group | B04144 |
| Bore Profile | Straight |
| Cage Material | Polymer |
| Precision Class | RBEC 1 ISO P0 |
| Number of Rows of Rollers | Single Row |
| Separable | No |
| Rolling Element | Cylindrical Roller Bearing |
| Profile | Roller Assembly with Outer Ring - No Inner Ring |
| Snap Ring | No |
| Internal Clearance | C0-Medium |
| Retainer | Yes |
| Relubricatable | Yes |
| Inch - Metric | Metric |
| Other Features | 2 Rib Outer Ring Cage on Outer Ring ID |
| Long Description | 27MM Bore; Straight Bore Profile; 47MM Outside Diameter; 14MM Width; Polymer Cage Material; |



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| | |
|--------------------------|---|
| | RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret |
| Category | Cylindrical Roller Bearing |
| UNSPSC | 31171547 |
| Harmonized Tariff Code | 8482.50.00.00 |
| Noun | Bearing |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | RNU 204 |
| Weight / LBS | 0.194 |
| B | 0.551 Inch 14 Millimeter |
| d | 1.063 Inch 27 Millimeter |
| D | 1.85 Inch 47 Millimeter |
| bore diameter: | 27 mm |
| precision rating: | Not Rated |
| outside diameter: | 47 mm |
| maximum rpm: | 19000 RPM |
| overall width: | 14 mm |
| finish/coating: | Uncoated |
| bore type: | Straight |
| closure type: | Open |
| number of rows: | 1 |
| outer ring width: | 14 mm |
| internal clearance: | C0 |
| fillet radius: | 1 mm |
| dynamic load capacity: | 14.7 kN |
| series: | RNU20 |
| static load capacity: | 7.35 kN |
| F _w | 27 mm |
| D | 47 mm |
| C | 14 mm |
| | |



Precision accessories MFG.CORP

| | |
|--------------------------------|-------------|
| D_1 | 37.3 mm |
| $r_{1,2}$ min. | 1 mm |
| d_a max. | 29.94 mm |
| D_a max. | 41.7 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 14.7 kN |
| Basic static load rating C_0 | 12 kN |
| Fatigue load limit P_u | 1.5 kN |
| Reference speed | 16000 r/min |
| Limiting speed | 19000 r/min |
| Calculation factor k_r | 0.15 |
| Limiting value e | 0.2 |
| Axial load factor Y | 0.6 |
| Mass bearing | 0.083 kg |