



Bearing No. NJ 2212 ECP

| | |
|--------------|---|
| F | 72 mm |
| s | 1.4 mm |
| d | 60 mm |
| D | 110 mm |
| B | 28 mm |
| Bore | 2.362 Inch 60 Millimeter |
| Noun | Bearing |
| Width | 1.102 Inch 28 Millimeter |
| s max. | 1.4 mm |
| UNSPSC | 31171547 |
| Profile | Complete with Outer and Inner Ring |
| series: | NJ22 |
| flanges: | (2) Outer Ring, (1) Inner Ring |
| Retainer | Yes |
| Category | Cylindrical Roller Bearing |
| Separable | Inner Ring - One Side |
| Size (mm) | 110x60x28 |
| Inventory | 0.0 |
| Snap Ring | No |
| Width (mm) | 28 |
| bore type: | Straight |
| Bore Profile | Straight |
| Mass bearing | 1.1 kg |
| Weight / LBS | 2.502 |
| application: | Piston Type Machines, Rolling Mills, Spindles/Machine Tools |

| | |
|------------------|--|
| maximum rpm: | 7500 RPM |
| closure type: | Open |
| Product Group | B04144 |
| Cage Material | Polymer |
| Inch - Metric | Metric |
| D ₁ | 95 mm |
| d ₁ | 77.5 mm |
| bore diameter: | 60 mm |
| overall width: | 28 mm |
| cage material: | Polyamide |
| Other Features | High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID |
| fillet radius: | 1.5 mm |
| Relubricatable | Yes |
| Bearing number | NJ 2212 ECP |
| Limiting speed | 7500 r/min |
| Rolling Element | Cylindrical Roller Bearing |
| Precision Class | RBEC 1 ISO P0 |
| number of rows: | 1 |
| finish/coating: | Uncoated |
| Reference speed | 6700 r/min |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| Long Description | 60MM Bore; Straight Bore Profile; 110MM Outside Diameter; 28MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; |

| | |
|-------------------------|---------------------------|
| | C0-Medium Inte |
| Limiting value e | 0.3 |
| ring separation: | Separable Ring |
| precision rating: | RBEC 1 (ISO Class Normal) |
| bearing material: | Steel |
| outer ring width: | 28 mm |
| Weight / Kilogram | 1.136 |
| Manufacturer Name | SKF |
| outside diameter: | 110 mm |
| Bore Diameter (mm) | 110 |
| Internal Clearance | C0-Medium |
| d _a min. | 68 mm |
| d _a max. | 70 mm |
| D _a max. | 101 mm |
| r _a max. | 1.5 mm |
| d _b min. | 80 mm |
| Outer Diameter (mm) | 60 |
| Axial load factor Y | 0.4 |
| internal clearance: | C0 |
| r _{3,4} min. | 1.5 mm |
| r _{1,2} min. | 1.5 mm |
| d _a - min. | 68 mm |
| D _a - max. | 101 mm |
| Minimum Buy Quantity | N/A |
| r _a - max. | 1.5 mm |
| d _a - max. | 70 mm |
| d _b - min. | 80 mm |
| static load capacity: | 153 kN |
| d ₁ ? | 77.5 mm |
| D ₁ ? | 95 mm |
| r _{3,4} - min. | 1.5 mm |
| Harmonized Tariff Code | 8482.50.00.00 |

| | |
|----------------------------------|--------------------|
| $r_{1,2}$ - min. | 1.5 mm |
| dynamic load capacity: | 146 kN |
| Manufacturer Item Number | NJ 2212 ECP |
| Number of Rows of Rollers | Single Row |
| Basic dynamic load rating C | 146 kN |
| operating temperature range: | Maximum of +300 °F |
| Basic dynamic load rating - C | 146 kN |
| Fatigue load limit P_u | 20 kN |
| Calculation factor k_r | 0.2 |
| Fatigue load limit - P_u | 20 kN |
| Calculation factor - k_r | 0.2 |
| Basic static load rating C_0 | 153 kN |
| Basic static load rating - C_0 | 153 kN |