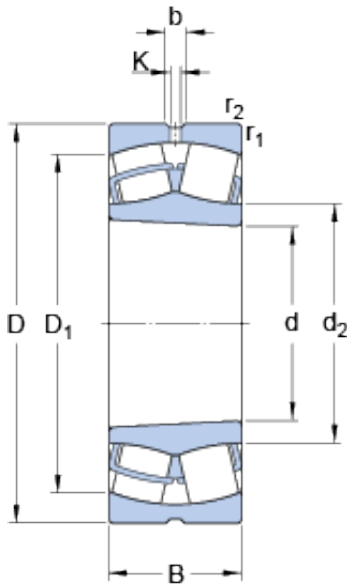




BEARING CORP. LTD.

60 mm x 110 mm x 28 mm SKF 22212 EK spherical roller bearings

Bearing No. 22212 EK



22212 EK Bearing 2D drawings and 3D CAD models

| | |
|---|--------------|
| Size | 110x60x28 mm |
| Bore Diameter | 110 mm |
| Outer Diameter | 60 mm |
| Width | 28 mm |
| d | 60 mm |
| D | 110 mm |
| B | 28 mm |
| d ₂ | 72.7 mm |
| D ₁ | 96.5 mm |
| b | 6 mm |
| K | 3 mm |
| r _{1,2} - min. | 1.5 mm |
| d _a - min. | 67.2 mm |
| d _a - max. | 72 mm |
| D _a - max. | 101 mm |
| r _a - max. | 1.5 mm |
| Basic dynamic load rating - C | 159 kN |
| Basic static load rating - C ₀ | 163 kN |
| Fatigue load limit - P _u | 18 kN |
| Reference speed | 5600 r/min |
| Limiting speed | 7500 r/min |
| Calculation factor - e | 0.24 |
| Calculation factor - Y ₁ | 2.8 |
| Calculation factor - Y ₂ | 4.2 |



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|----------------------------|--|
| Calculation factor - Y_0 | 2.8 |
| Category | Spherical Roller Bearings |
| Inventory | 2.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.14 |
| EAN | 7316576652226 |
| Product Group | B04311 |
| Internal Clearance | C0-Medium |
| Mounting Method | Adapter Mount |
| Rolling Element | Spherical Roller Bearing |
| Bore Profile | Tapered |
| Cage Material | Steel |
| Enclosure | Open |
| Number of Rows of Rollers | Double Row |
| Relubricatable | Yes |
| Withdrawal Sleeve | AHX312 (Specify bore) |
| Withdrawal Nut | KM14 |
| Inch - Metric | Metric |
| Long Description | 60MM Tapered Bore; 110MM Outside Diameter; 28MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu |
| Other Features | Order adapter or withdrawal sleeve or nut separately. Others may be available |
| Category | Spherical Roller Bearing |
| UNSPSC | 31171510 |
| Harmonized Tariff Code | 84823080 |
| | |



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|---------------------------------|--|
| Noun | Bearing |
| Keyword String | Spherical |
| Manufacturer URL | http://www.skf.com |
| Weight / LBS | 2.516 |
| Adapter Part Number | SNW12 H312 HA312 HE312 HS312 (Specify Bore) Inch H312 (Specify bore) Millimeter |
| Width | 1.102 Inch 28 Millimeter |
| Outside Diameter | 4.331 Inch 110 Millimeter |
| Bore | 2.362 Inch 60 Millimeter |
| bore diameter: | 60 mm |
| maximum rpm: | 7500 RPM |
| outside diameter: | 110 mm |
| operating temperature range: | Maximum of +390 ° F |
| overall width: | 4.3800 in |
| cage material: | Steel |
| bore type: | Tapered 1:12 |
| bearing material: | Steel |
| outer ring type: | Not Split |
| cage type: | Inner Ring Guided |
| internal clearance: | C0 |
| precision rating: | Not Rated |
| closure type: | Open |
| finish/coating: | Uncoated |
| lubrication hole type: | Lubrication Groove & Hole |
| outer ring width: | 28 mm |
| dynamic load capacity: | 156 kN |
| fillet radius: | 1.5 mm |
| static load capacity: | 166 kN |
| series: | 222 |
| d ₂ | 72.7 mm |
| | |



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| | |
|---------------------------------------|---------|
| D_1 | 96.5 mm |
| $r_{1,2}$ min. | 1.5 mm |
| D_a max. | 101 mm |
| r_a max. | 1.5 mm |
| Basic dynamic load rating C | 159 kN |
| Basic static load rating C_0 | 166 kN |
| Fatigue load limit P_u | 18.6 kN |
| Calculation factor e | 0.24 |
| Calculation factor Y_1 | 2.8 |
| Calculation factor Y_2 | 4.2 |
| Calculation factor Y_0 | 2.8 |
| Mass bearing | 1.15 kg |
| Recommended lock nut tightening angle | 115 ° |