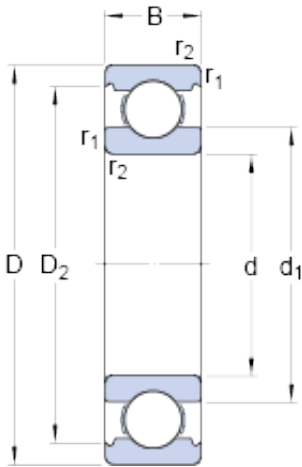




AMERICAN Timken BEARING MFG.CORP.



6216/C3vI0241 Bearing 2D drawings and 3D CAD models

SKF Insocoat Bearings, Electrical Insulation Bearings 6216/C3vI0241 Insulated Bearing

Bearing No. 6216/C3vI0241

| | |
|---|--------------------------|
| Size | 140x80x26 mm |
| Bore Diameter | 140 mm |
| Outer Diameter | 80 mm |
| Width | 26 mm |
| d | 80 mm |
| D | 140 mm |
| B | 26 mm |
| d ₁ | 101.4 mm |
| D ₂ | 122 mm |
| d _a - min. | 91 mm |
| D _a - min. | 128 mm |
| D _a - max. | 129 mm |
| r _a - max. | 2 mm |
| Basic dynamic load rating - C | 72.8 kN |
| Basic static load rating - C ₀ | 55 kN |
| Fatigue load limit - P _u | 2.2 kN |
| Reference speed | 9500 r/min |
| Limiting speed | 6000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 15 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



AMERICAN Timken BEARING MFG.CORP.

| | |
|---------------------------------|--|
| Weight / Kilogram | 1.481 |
| EAN | 7316572206683 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | Electrical Insulation on Outer Ring |
| Cage Material | Steel |
| Internal Clearance | C3-Loose |
| Inch - Metric | Metric |
| Long Description | 80MM Bore; 140MM Outside Diameter; 26MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Outer Ring Internal Special Features; C3-Loose In |
| Other Features | Deep Groove VL0241 Aluminum Oxide Coated External Surfaces |
| 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 | 6216/C3VL0241 |
| Weight / LBS | 3.263 |
| Outer Race Width | 1.024 Inch 26 Millimeter |
| Outside Diameter | 5.512 Inch 140 Millimeter |



AMERICAN Timken BEARING MFG.CORP.

| | |
|--------------------------------|----------------------------|
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 3.15 Inch 80 Millimeter |
| bore diameter: | 80 mm |
| static load capacity: | 55 kN |
| outside diameter: | 140 mm |
| precision rating: | Not Rated |
| overall width: | 26 mm |
| finish/coating: | Aluminum Oxide |
| bore type: | Round |
| outer ring width: | 26 mm |
| closure type: | Open |
| fillet radius: | 2 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 6000 RPM |
| internal clearance: | C3 |
| series: | 62 |
| dynamic load capacity: | 72.8 kN |
| resistance features: | Current-Insulating Coating |
| d_1 | 101.4 mm |
| D_2 | 122 mm |
| $r_{1,2}$ min. | 2 mm |
| d_a min. | 91 mm |
| D_a min. | 128 mm |
| D_a max. | 129 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 72.8 kN |
| Basic static load rating C_0 | 55 kN |
| Fatigue load limit P_u | 2.2 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 15 |
| Mass bearing | 1.4 kg |