



BEARING ITALIA S.P.A



50 mm x 75 mm x 35 mm skf GE 50 ES-2RS
Radial spherical plain bearings

Bearing No. GE 50 ES-2RS

GE 50 ES-2RS Bearing 2D drawings and 3D CAD models

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|-------------------------|---|
| Category | Spherical Plain Bearings - Radial |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 0.56 |
| EAN | 7316576609411 |
| Product Group | B04286 |
| Self Aligning | Yes |
| Rolling Element | Spherical Plain |
| Material - Outer Member | Steel |
| Material - Ball | Steel |
| Material - Liner | Not Applicable |
| Relubricatable | Yes |
| Enclosure | 2 Seals |
| Other Features | 2 Piece Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings |
| Long Description | 50MM Bore; 28MM Housing Width; 75MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 35MM Overall Width; Relubricatable |
| Inch - Metric | Metric |
| Category | Plain Bearings Spherical Radial |



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| UNSPSC | 31171515 |
| Harmonized Tariff Code | 8483.30.80.70 |
| Noun | Bearing |
| Keyword 3 | Spherical |
| Keyword String | Plain Spherical Radial |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | GE 50 ES-2RS |
| Weight / LBS | 1.235 |
| d | 1.969 Inch 50 Millimeter |
| Housing Width | 1.102 Inch 28 Millimeter |
| B | 1.378 Inch 35 Millimeter |
| D | 2.953 Inch 75 Millimeter |
| bore diameter: | 50 mm |
| inner ring material: | Chrome Steel |
| outside diameter: | 75 mm |
| outer ring width: | 28 mm |
| misalignment angle: | 6 ° |
| grade: | Commercial/Industrial |
| inner ring width: | 35 mm |
| overall width: | 35 mm |
| bearing type: | Radial |
| radial static load capacity: | 780 kN |
| lubrication type: | Requires Lubrication |
| radial dynamic load capacity: | 156 kN |
| closure type: | Sealed |
| operating temperature range: | -30 to +130 ° C ° F |
| outer ring material: | Chrome Steel |
| manufacturer upc number: | 7316576609411 |
| Lubricant | Regular relubrication – grease |
| Design (sliding contact | Steel/steel |



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| surface combination) | |
| Sealing solution | Double-lip seals |
| d | 50 mm |
| D | 75 mm |
| B | 35 mm |
| C | 28 mm |
| | 6 ° |
| d _k | 66 mm |
| b | 4.6 mm |
| b ₁ | 4.6 mm |
| M | 3 mm |
| r ₁ min. | 0.6 mm |
| r ₂ min. | 1 mm |
| d _a min. | 54.6 mm |
| d _a max. | 56 mm |
| D _a min. | 66.2 mm |
| D _a max. | 70.5 mm |
| r _a max. | 0.6 mm |
| r _b max. | 1 mm |
| Basic dynamic load rating C | 156 kN |
| Basic static load rating C ₀ | 780 kN |
| Specific dynamic load factor K | 100 N/mm ² |
| Specific static load factor K ₀ | 500 N/mm ² |
| Material constant K _M | 330 |
| Mass plain bearing | 0.56 kg |