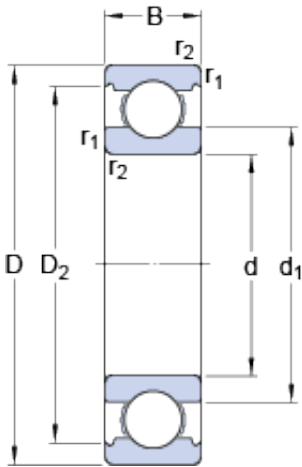




AMERICAN NTN BEARING CORP.



6214/HC5C3 Bearing 2D drawings and 3D CAD models

6214/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6214/HC5C3

| | |
|---|--------------------------|
| Size | 125x70x24 mm |
| Bore Diameter | 125 mm |
| Outer Diameter | 70 mm |
| Width | 24 mm |
| d | 70 mm |
| D | 125 mm |
| B | 24 mm |
| d ₁ | 87.05 mm |
| D ₂ | 111 mm |
| d _a - min. | 79 mm |
| D _a - max. | 116 mm |
| r _a - max. | 1.5 mm |
| Basic dynamic load rating - C | 63.7 kN |
| Basic static load rating - C ₀ | 45 kN |
| Fatigue load limit - P _u | 1.9 kN |
| Reference speed | 15000 r/min |
| Limiting speed | 8500 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14.7 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.941 |



AMERICAN NTN BEARING CORP.

| | |
|---------------------------------|--|
| Product Group | B04270 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | Silicon Nitride Rolling Element Electrical Insulated |
| Cage Material | Steel |
| Internal Clearance | C3-Loose |
| Inch - Metric | Metric |
| Long Description | 70MM Bore; 125MM Outside Diameter; 24MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special Fe |
| Other Features | Deep Groove Hybrid Silicon Nitride Rolling Element |
| 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 |
| Weight / LBS | 1.1 |
| Outside Diameter | 4.921 Inch 125 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 2.756 Inch 70 Millimeter |
| Outer Race Width | 0.945 Inch 24 Millimeter |
| d ₁ | 87.05 mm |



AMERICAN NTN BEARING CORP.

| | |
|--------------------------------|---------|
| D_2 | 111 mm |
| $r_{1,2}$ min. | 1.5 mm |
| d_a min. | 79 mm |
| D_a max. | 116 mm |
| r_a max. | 1.5 mm |
| Basic dynamic load rating C | 63.7 kN |
| Basic static load rating C_0 | 45 kN |
| Fatigue load limit P_u | 1.9 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14.7 |
| Mass bearing | 1.09 kg |