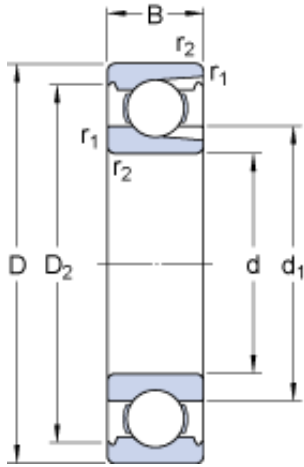




PCIF BEARING LIMITED



50 mm x 90 mm x 20 mm skf 210 bearing

Bearing No. 210

210 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 90x50x20 mm |
| Bore Diameter | 90 mm |
| Outer Diameter | 50 mm |
| Width | 20 mm |
| d | 50 mm |
| D | 90 mm |
| B | 20 mm |
| d ₁ | 62.51 mm |
| D ₂ | 81.61 mm |
| r _{1,2} - min. | 1.1 mm |
| d _a - min. | 57 mm |
| D _a - max. | 83 mm |
| r _a - max. | 1 mm |
| Basic dynamic load rating - C | 39.1 kN |
| Basic static load rating - C ₀ | 34.5 kN |
| Fatigue load limit - P _u | 1.5 kN |
| Reference speed | 13000 r/min |
| Limiting speed | 8000 r/min |
| Calculation factor - k _r | 0.04 |
| Category | Single Row Ball Bearings |
| Inventory | 1.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.45 |
| EAN | 7316576679698 |



PCIF BEARING LIMITED

| | |
|---------------------------------|---|
| Product Group | B04311 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | Yes |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 50MM Bore; 90MM Outside Diameter; 20MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features |
| 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 | 210 |
| Weight / LBS | 0.99 |
| Bore | 1.969 Inch 50 Millimeter |
| Outside Diameter | 3.543 Inch 90 Millimeter |
| Outer Race Width | 0.787 Inch 20 Millimeter |
| bore diameter: | 50 mm |
| static load capacity: | 34.5 kN |
| outside diameter: | 90 mm |
| precision rating: | ABEC 3 (ISO Class 6) |
| overall width: | 20 mm |
| | |



PCIF BEARING LIMITED

| | |
|--------------------------------|---|
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| outer ring width: | 20 mm |
| row type & fill slot: | Single Row Filling Slot |
| fillet radius: | 1 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 8000 RPM |
| internal clearance: | C0 |
| series: | 21 |
| dynamic load capacity: | 39.1 kN |
| thrust application warning: | This product can not be used in Thrust Applications |
| d_1 | 62.51 mm |
| D_2 | 81.61 mm |
| $r_{1,2}$ min. | 1.1 mm |
| d_a min. | 57 mm |
| D_a max. | 83 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 39.1 kN |
| Basic static load rating C_0 | 34.5 kN |
| Fatigue load limit P_u | 1.46 kN |
| Calculation factor k_r | 0.04 |
| Mass bearing | 0.5 kg |