



150 mm x 190 mm x 20 mm skf 61830 bearing

Bearing No. 61830

61830 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 190x150x20 mm |
| Bore Diameter | 190 mm |
| Outer Diameter | 150 mm |
| Width | 20 mm |
| d | 150 mm |
| D | 190 mm |
| B | 20 mm |
| d ₁ | 162.6 mm |
| D ₁ | 177.1 mm |
| d _a - min. | 156 mm |
| D _a - max. | 184 mm |
| r _a - max. | 1 mm |
| Basic dynamic load rating - C | 48.8 kN |
| Basic static load rating - C ₀ | 61 kN |
| Fatigue load limit - P _u | 2 kN |
| Reference speed | 6700 r/min |
| Limiting speed | 4300 r/min |
| Calculation factor - k _r | 0.015 |
| Calculation factor - f ₀ | 17.1 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.241 |
| EAN | 7316571414485 |



PRECISION BEARING CORP.

| | |
|---------------------------------|---|
| 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 | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 150MM Bore; 190MM Outside Diameter; 20MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features | Deep Groove |
| 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 | 61830 |
| Weight / LBS | 1.2 |
| Inner Race Width | 0 Inch 0 Millimeter |
| Bore | 5.906 Inch 150 Millimeter |
| Outer Race Width | 0.787 Inch 20 Millimeter |
| Outside Diameter | 7.48 Inch 190 Millimeter |
| d ₁ | 162.6 mm |
| D ₁ | 177.1 mm |



PRECISION BEARING CORP.

| | |
|--------------------------------|---------|
| $r_{1,2}$ min. | 2.5 mm |
| d_a min. | 156 mm |
| D_a max. | 184 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 48.8 kN |
| Basic static load rating C_0 | 61 kN |
| Fatigue load limit P_u | 1.96 kN |
| Calculation factor k_r | 0.015 |
| Calculation factor f_0 | 17.1 |
| Mass bearing | 1.19 kg |