



PCIF BEARING LIMITED



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



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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



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$r_{1,2}$ 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