



NTN BEARINGS INDUSTRY



60 mm x 130 mm x 31 mm SKF 6312 Bearing

Bearing No. 6312

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d ₁	81.86 mm
D ₂	112.2 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
r _a - max.	2 mm
Basic dynamic load rating - C	85.2 kN
Basic static load rating - C ₀	52 kN
Fatigue load limit - P _u	2.2 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.72

6312 Bearing 2D drawings and 3D CAD models



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EAN	7316577292155
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	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No 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	6312
Weight / LBS	3.79
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.362 Inch 60 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
d ₁	81.86 mm
D ₂	112.2 mm
r _{1,2} min.	2.1 mm
d _a min.	72 mm



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D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	85.2 kN
Basic static load rating C_0	52 kN
Fatigue load limit P_u	2.2 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	1.72 kg