



6312 Bearing 2D drawings and 3D CAD models

SKF Deep Groove Ball Bearing 6312

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



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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