



Bearing No. 6312

D	130 mm
d	60 mm
B	31 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	130x60x31
Snap Ring	No
Width (mm)	31
Mass bearing	1.72 kg
Weight / LBS	3.79
Inch - Metric	Metric
Cage Material	Steel
D ₂	112.2 mm
d ₁	81.86 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6312
Limiting speed	7000 r/min
Reference speed	11000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outer Race Width	1.22 Inch 31 Millimeter
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
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	1.72
Internal Clearance	C0-Medium
d_a min.	72 mm
Bore Diameter (mm)	130
D_a max.	118 mm
r_a max.	2 mm
Outer Diameter (mm)	60
$r_{1,2}$ min.	2.1 mm
r_a - max.	2 mm
d_a - min.	72 mm
D_a - max.	118 mm
Minimum Buy Quantity	N/A
d_1 ?	81.86 mm
D_2 ?	112.2 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6312
Internal Special Features	No
Basic dynamic load rating C	85.2 kN
Basic dynamic load rating - C	85.2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.2 kN

Calculation factor k_f	0.03
Calculation factor f_0	13.1
Calculation factor - k_f	0.03
Fatigue load limit - P_u	2.2 kN
Calculation factor - f_0	13.1
Basic static load rating C_0	52 kN
Basic static load rating - C_0	52 kN