



Bearing No. 6312-Z

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	1 Metal Shield
Size (mm)	130x60x31
Snap Ring	No
Width (mm)	31
Mass bearing	1.74 kg
Weight / LBS	3.92
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-Z
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
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; 1 Metal

	Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	5.118 Inch 130 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	1.78
Internal Clearance	C0-Medium
d _a max.	81.8 mm
d _a min.	72 mm
D _a max.	118 mm
Bore Diameter (mm)	130
r _a max.	2 mm
Outer Diameter (mm)	60
r _{1,2} min.	2.1 mm
D _a - max.	118 mm
d _a - min.	72 mm
d _a - max.	81.8 mm
r _a - max.	2 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-Z
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_r	0.03
Calculation factor f_0	13.1
Calculation factor - k_r	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