



Bearing No. 6014-2Z

D	110 mm
d	70 mm
B	20 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	110x70x20
Snap Ring	No
Width (mm)	20
Mass bearing	0.64 kg
Weight / LBS	1.46
Inch - Metric	Metric
Cage Material	Steel
D ₂	99.9 mm
d ₁	82.85 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6014-2Z
Limiting speed	6300 r/min
Reference speed	13000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outer Race Width	0.787 Inch 20 Millimeter
Long Description	70MM Bore; 110MM Outside Diameter;

	20MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.659
d _a max.	82.8 mm
Internal Clearance	C0-Medium
d _a min.	76 mm
D _a max.	104 mm
Bore Diameter (mm)	110
r _a max.	1 mm
Outer Diameter (mm)	70
r _{1,2} min.	1.1 mm
D _a - max.	104 mm
d _a - min.	76 mm
d _a - max.	82.8 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	82.85 mm
D ₂ ?	99.9 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
Manufacturer Item Number	6014-2Z
Internal Special Features	No
Basic dynamic load rating C	39.7 kN
Basic dynamic load rating - C	39.7 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.32 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.6
Calculation factor - k_r	0.025
Fatigue load limit - P_u	1.3 kN
Calculation factor - f_0	15.6
Basic static load rating C_0	31 kN
Basic static load rating - C_0	31 kN