



Bearing No. 6011-2Z

D	90 mm
d	55 mm
B	18 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	90x55x18
Snap Ring	No
Width (mm)	18
Mass bearing	0.4 kg
Weight / LBS	0.9
Inch - Metric	Metric
Cage Material	Steel
D ₂	81.5 mm
d ₁	66.3 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6011-2Z
Limiting speed	8000 r/min
Reference speed	16000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outer Race Width	0.709 Inch 18 Millimeter
Long Description	55MM Bore; 90MM Outside Diameter;

	18MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.41
d _a max.	66.2 mm
Internal Clearance	C0-Medium
d _a min.	61 mm
Bore Diameter (mm)	90
D _a max.	84 mm
r _a max.	1 mm
Outer Diameter (mm)	55
r _{1,2} min.	1.1 mm
D _a - max.	84 mm
d _a - min.	61 mm
d _a - max.	66.2 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	66.3 mm
D ₂ ?	81.5 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
Manufacturer Item Number	6011-2Z
Internal Special Features	No
Basic dynamic load rating C	29.6 kN
Basic dynamic load rating - C	29.6 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.9 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.4
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.9 kN
Calculation factor - f_0	15.4
Basic static load rating C_0	21.2 kN
Basic static load rating - C_0	21.2 kN