



Bearing No. 6016-2Z

D	125 mm
d	80 mm
B	22 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	125x80x22
Snap Ring	No
Width (mm)	22
Mass bearing	0.89 kg
Weight / LBS	2.05
Inch - Metric	Metric
Cage Material	Steel
D ₂	114.1 mm
d ₁	94.4 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6016-2Z
Limiting speed	5600 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	0.866 Inch 22 Millimeter
Long Description	80MM Bore; 125MM Outside Diameter; 22MM Outer Race

	Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	4.921 Inch 125 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.926
d _a max.	94.3 mm
Internal Clearance	C0-Medium
d _a min.	86 mm
Bore Diameter (mm)	125
D _a max.	119 mm
r _a max.	1 mm
Outer Diameter (mm)	80
r _{1,2} min.	1.1 mm
D _a - max.	119 mm
d _a - min.	86 mm
d _a - max.	94.3 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	94.4 mm
D ₂ ?	114.1 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
Manufacturer Item Number	6016-2Z
Internal Special Features	No
Basic dynamic load rating C	49.4 kN
Basic dynamic load rating - C	49.4 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.66 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.6
Calculation factor - k_r	0.025
Fatigue load limit - P_u	1.7 kN
Calculation factor - f_0	15.6
Basic static load rating C_0	40 kN
Basic static load rating - C_0	40 kN