



Bearing No. 6010-2Z

D	80 mm
d	50 mm
B	16 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	80x50x16
Snap Ring	No
Width (mm)	16
Mass bearing	0.27 kg
Weight / LBS	0.62
Inch - Metric	Metric
Cage Material	Steel
D ₂	72.8 mm
d ₁	59.75 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6010-2Z
Limiting speed	9000 r/min
Reference speed	18000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race

	Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.283
d _a max.	59.7 mm
Internal Clearance	C0-Medium
d _a min.	54.6 mm
Bore Diameter (mm)	80
D _a max.	75.4 mm
r _a max.	1 mm
Outer Diameter (mm)	50
r _{1,2} min.	1 mm
d _a - min.	54.6 mm
d _a - max.	59.7 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
D _a - max.	75.4 mm
d ₁ ?	59.75 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1 mm
Manufacturer Item Number	6010-2Z
Internal Special Features	No
Basic dynamic load rating C	22.9 kN
Basic dynamic load rating - C	22.9 kN
Maximum Capacity / Filling Slot	No

Fatigue load limit P_u	0.71 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.71 kN
Calculation factor - f_0	14.7
Basic static load rating C_0	15.6 kN
Basic static load rating - C_0	15.6 kN