



Bearing No. W 6010-2RS1

D	80 mm
d	50 mm
B	16 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	80x50x16
Enclosure	2 Seals
Inventory	0.0
Width (mm)	16
Weight / LBS	0.591
Mass bearing	0.26 kg
Product Group	B00308
d ₁	60 mm
D ₂	74.55 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Bearing number	W 6010-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove NBR Seal
Limiting speed	5000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 80MM Outside Diameter;

	16MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless St
Outside Diameter	3.15 Inch 80 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.253
Bore Diameter (mm)	80
r _a max.	1 mm
Internal Clearance	C0-Medium
D _a max.	75.5 mm
d _a max.	59.5 mm
d _a min.	55 mm
Outer Diameter (mm)	50
r _{1,2} min.	1 mm
d _a - max.	59.5 mm
D _a - max.	75.5 mm
d _a - min.	55 mm
r _a - max.	1 mm
Minimum Buy Quantity	N/A
d ₁ ?	60 mm
D ₂ ?	74.55 mm
r _{1,2} - min.	1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 6010-2RS1
Internal Special Features	No
Basic dynamic load	19 kN

rating C	
Basic dynamic load rating - C	19 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.71 kN
Calculation factor k_r	0.03
Calculation factor f_0	15.6
Fatigue load limit - P_u	0.71 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	15.6
Basic static load rating C_0	16.6 kN
Basic static load rating - C_0	16.6 kN