



Bearing No. 6210-2Z

D	90 mm
d	50 mm
B	20 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)	90x50x20
Snap Ring	No
Width (mm)	20
Mass bearing	0.47 kg
Weight / LBS	1.05
Inch - Metric	Metric
Cage Material	Steel
D ₂	81.61 mm
d ₁	62.51 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6210-2Z
Limiting speed	8000 r/min
r _{1,2}	
Reference speed	15000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outer Race Width	0.787 Inch 20 Millimeter
Outside Diameter	3.543 Inch 90

	Millimeter
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 90MM 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
Manufacturer Name	SKF
Weight / Kilogram	0.48
d _a max.	62.4 mm
Bore Diameter (mm)	90
D _a max.	83 mm
d _a min.	57 mm
Internal Clearance	C0-Medium
r _a max.	1 mm
Outer Diameter (mm)	50
r _a - max.	1 mm
d _a - max.	62.4 mm
d _a - min.	57 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	1.1 mm
D _a - max.	83 mm
d ₁ ?	62.51 mm
D ₂ ?	81.61 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6210-2Z
Internal Special Features	No
Basic dynamic load rating C	37.1 kN
Basic dynamic load	37.1 kN

rating - C	
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.98 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.98 kN
Calculation factor - f_0	14.4
Basic static load rating C_0	23.2 kN
Basic static load rating - C_0	23.2 kN