



Bearing No. 6210/HC5C3

D	90 mm
d	50 mm
B	20 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	90x50x20
Enclosure	Open
Inventory	0.0
Width (mm)	20
Weight / LBS	0.45
Mass bearing	0.45 kg
D ₂	81.6 mm
Product Group	B00308
d ₁	62.51 mm
Inch - Metric	Metric
Cage Material	Steel
Keyword String	Ball
Other Features	Deep Groove Hybrid Silicon Nitride Rolling Element
Bearing number	6210/HC5C3
Limiting speed	12000 r/min
Reference speed	20000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 90MM

	Outside Diameter; 20MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special Fea
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Outer Race Width	0.787 Inch 20 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.468
Internal Clearance	C3-Loose
r_a max.	1 mm
D_a max.	83 mm
Bore Diameter (mm)	90
d_a min.	57 mm
Outer Diameter (mm)	50
r_a - max.	1 mm
D_a - max.	83 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
d_a - min.	57 mm
d_1 ?	62.51 mm
D_2 ?	81.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6210/HC5C3
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
Basic dynamic load	37.1 kN

rating C	
Basic dynamic load rating - C	37.1 kN
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
Fatigue load limit - P_u	0.98 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	14.4
Basic static load rating C_0	23.2 kN
Basic static load rating - C_0	23.2 kN