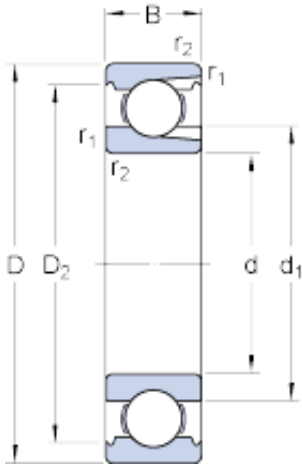




# BEARING CORP.OF AMERICA



210 Bearing 2D drawings and 3D CAD models

50 mm x 90 mm x 20 mm skf 210 Deep groove ball bearings

Bearing No. 210

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
d <sub>1</sub>	62.51 mm
D <sub>2</sub>	81.61 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	57 mm
D <sub>a</sub> - max.	83 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	39.1 kN
Basic static load rating - C <sub>0</sub>	34.5 kN
Fatigue load limit - P <sub>u</sub>	1.5 kN
Reference speed	13000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.04
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.45



## BEARING CORP.OF AMERICA

EAN	7316576679698
Product Group	B04311
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	50MM Bore; 90MM Outside Diameter; 20MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; Yes Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	210
Weight / LBS	0.99
Bore	1.969 Inch   50 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Outer Race Width	0.787 Inch   20 Millimeter
bore diameter:	50 mm
static load capacity:	34.5 kN
outside diameter:	90 mm
precision rating:	ABEC 3 (ISO Class 6)



## BEARING CORP.OF AMERICA

overall width:	20 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	20 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	8000 RPM
internal clearance:	C0
series:	21
dynamic load capacity:	39.1 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1$	62.51 mm
$D_2$	81.61 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	57 mm
$D_a$ max.	83 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	39.1 kN
Basic static load rating $C_0$	34.5 kN
Fatigue load limit $P_u$	1.46 kN
Calculation factor $k_r$	0.04
Mass bearing	0.5 kg