



# American Bearing Co., Ltd



## 22220CD/CDK Self-aligning Roller Bearing 100\*180\*46mm

Bearing No. 6211

6211 Bearing 2D drawings and 3D CAD models

Size	100x55x21 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	21 mm
d	55 mm
D	100 mm
B	21 mm
d <sub>1</sub>	69.06 mm
D <sub>2</sub>	89.4 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	64 mm
D <sub>a</sub> - max.	91 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	46.2 kN
Basic static load rating - C <sub>0</sub>	29 kN
Fatigue load limit - P <sub>u</sub>	1.2 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.621
EAN	7316577738028
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	55MM Bore; 100MM Outside Diameter; 21MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No 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	6211
Weight / LBS	1.36
Bore	2.165 Inch   55 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Outer Race Width	0.827 Inch   21 Millimeter
d <sub>1</sub>	69.06 mm
D <sub>2</sub>	89.4 mm
r <sub>1,2</sub> min.	1.5 mm



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$d_a$ min.	64 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	46.2 kN
Basic static load rating $C_0$	29 kN
Fatigue load limit $P_u$	1.25 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.3
Mass bearing	0.61 kg