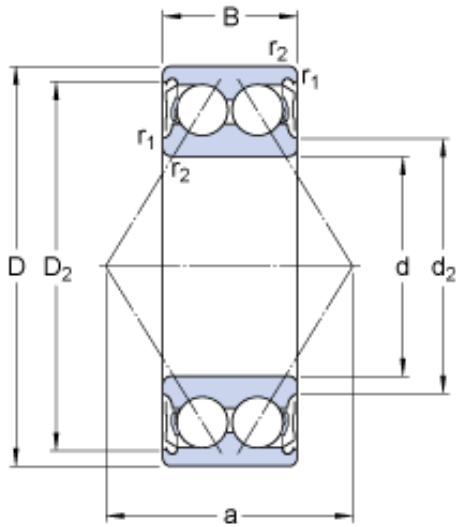




# EYA Bearing Roller Industry Co.,Ltd



3211 A-2Z Bearing 2D drawings and 3D CAD models

## SKF 3211 A-2Z angular contact ball bearings

Bearing No. 3211 A-2Z

Size	100x55x33.3 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	33,3 mm
d	55 mm
D	100 mm
B	33.3 mm
d <sub>2</sub>	63.2 mm
D <sub>2</sub>	92.3 mm
r <sub>1,2</sub> - min.	1.5 mm
a	57 mm
d <sub>a</sub> - min.	63 mm
d <sub>a</sub> - max.	63 mm
D <sub>a</sub> - max.	91 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	60 kN
Basic static load rating - C <sub>0</sub>	47.5 kN
Fatigue load limit - P <sub>u</sub>	2 kN
Reference speed	6300 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.06
Calculation factor - e	0.8
Calculation factor - X	0.63
Calculation factor - Y <sub>0</sub>	0.66
Calculation factor - Y <sub>1</sub>	0.78



## EYA Bearing Roller Industry Co.,Ltd

Calculation factor - Y <sub>2</sub>	1.24
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.971
EAN	7316572415757
Product Group	B00152
Enclosure	2 Metal Shields
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	55MM Bore; 100MM Outside Diameter; 33.3MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact



## EYA Bearing Roller Industry Co.,Ltd

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	5211 A-2Z
Weight / LBS	1.996
Outside Diameter	3.937 Inch   100 Millimeter
Width	1.311 Inch   33.3 Millimeter
Bore	2.165 Inch   55 Millimeter
$d_2$	63.2 mm
$D_2$	92.3 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	63 mm
$d_a$ max.	63 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	60 kN
Basic static load rating $C_0$	47.5 kN
Fatigue load limit $P_u$	2 kN
Calculation factor $k_r$	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor $Y_0$	0.66
Calculation factor $Y_1$	0.78
Calculation factor $Y_2$	1.24
Mass bearing	0.91 kg