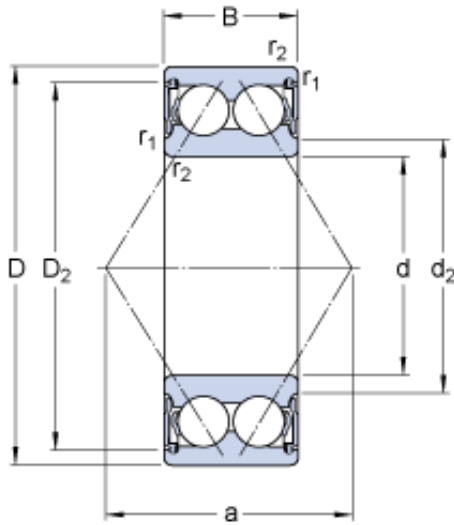




## Bearing equipment manufacturing Co., Ltd



3212 A-2RS1 Bearing 2D drawings and 3D CAD models

60 mm x 110 mm x 36.5 mm SKF 3212 A-2RS1  
angular contact ball bearings

Bearing No. 3212 A-2RS1

Size	110x60x36.5 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	36,5 mm
d	60 mm
D	110 mm
B	36.5 mm
d <sub>2</sub>	68.8 mm
D <sub>2</sub>	100.5 mm
r <sub>1,2</sub> - min.	1.5 mm
a	63 mm
d <sub>a</sub> - min.	68.5 mm
d <sub>a</sub> - max.	68.5 mm
D <sub>a</sub> - max.	101 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	73.5 kN
Basic static load rating - C <sub>0</sub>	58.5 kN
Fatigue load limit - P <sub>u</sub>	2.5 kN
Limiting speed	4000 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



## Bearing equipment manufacturing 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	1.321
EAN	7316573931263
Product Group	B00152
Enclosure	2 Seals
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 1   ISO P0
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	60MM Bore; 110MM Outside Diameter; 36.5MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 30 Degree; 1 (Singl
Other Features	NBR Contact Seal
Category	Angular Contact Ball Bearing
UNSPSC	31171531



## Bearing equipment manufacturing Co., Ltd

Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	3212 A-2RS1
Weight / LBS	2.8417
Outside Diameter	4.331 Inch   110 Millimeter
Width	1.437 Inch   36.5 Millimeter
Bore	2.362 Inch   60 Millimeter
$d_2$	68.8 mm
$D_2$	100.5 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	68.5 mm
$d_a$ max.	68.5 mm
$D_a$ max.	101 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	73.5 kN
Basic static load rating $C_0$	58.5 kN
Fatigue load limit $P_u$	2.5 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	1.2 kg