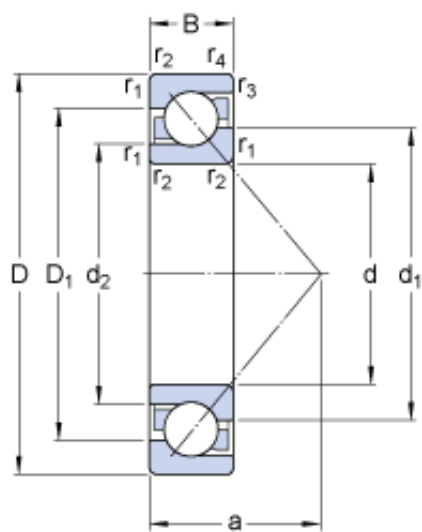




Bearing No. 7211 BECBJ

D	100 mm
d	55 mm
B	21 mm
a	43 mm
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Width	0.827 Inch 21 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	100x55x21
Width (mm)	21
Flush Ground	Yes
Mass bearing	0.62 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	83.7 mm
d ₂	63.62 mm
d ₁	72.45 mm
Product Group	B00308
Other Features	Normal Axial Internal Clearance
Keyword String	Angular Contact
Bearing number	7211 BECBJ
Limiting speed	7500 r/min

Precision Class	ABEC 1 ISO P0
Reference speed	7500 r/min
Rolling Element	Ball Bearing
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	55MM Bore; 100MM Outside Diameter; 21MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Steel Cage; 40 Degree; 1 (Single); Univers
Manufacturer Name	SKF
Weight / Kilogram	0.657
d _a min.	64 mm
D _a max.	91 mm
Number of Bearings	1 (Single)
D _b max.	94 mm
Internal Clearance	CB
r _a max.	1.5 mm
r _b max.	1 mm
Bore Diameter (mm)	100
Outer Diameter (mm)	55
r _b - max.	1 mm
r _a - max.	1.5 mm
r _{1,2} min.	1.5 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
D _b - max.	94 mm
Calculation factor A	0.022
D _a - max.	91 mm

d_a - min.	64 mm
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1 mm
D_1 ?	83.3 mm
d_2 ?	63.62 mm
d_1 ?	72.45 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7211 BECBJ
Basic dynamic load rating C	49 kN
Basic dynamic load rating - C	46.2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.66 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	1.5 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26

Basic static load rating C_0	40 kN
Basic static load rating - C_0	36 kN