



Bearing No. 7213 BECBJ

a	50 mm
d	65 mm
D	120 mm
B	23 mm
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
Width	0.906 Inch 23 Millimeter
UNSPSC	31171531
weight:	2.2 lbs
series:	7200
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	120x65x23
Enclosure	Open
bore type:	Round
Width (mm)	23
Flush Ground	Yes
Mass bearing	1 kg
maximum rpm:	6700 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D_1	100 mm
d_2	75.48 mm
d_1	86.35 mm

closure type:	Open
bore diameter:	65 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
Other Features	Normal Axial Internal Clearance
fillet radius:	1.5 mm
overall width:	23 mm
Bearing number	7213 BECBJ
Limiting speed	6300 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	6300 r/min
Outside Diameter	4.724 Inch 120 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	65MM Bore; 120MM Outside Diameter; 23MM 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
Weight / Kilogram	1.036
bearing material:	Steel
outside diameter:	120 mm
Manufacturer Name	SKF
d _a min.	74 mm
Internal Clearance	CB
Number of Bearings	1 (Single)
Bore Diameter (mm)	120

r_b max.	1 mm
r_a max.	1.5 mm
D_b max.	114 mm
D_a max.	111 mm
Outer Diameter (mm)	65
$r_{3,4}$ min.	1 mm
$r_{1,2}$ min.	1.5 mm
Mounting Arrangement	Universal
d_a - min.	74 mm
Minimum Buy Quantity	N/A
D_a - max.	111 mm
D_b - max.	114 mm
r_a - max.	1.5 mm
r_b - max.	1 mm
Calculation factor X	0.57
maximum temperature:	257 °F
Calculation factor e	1.14
Calculation factor A	0.0478
d_2 ?	75.48 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	86.35 mm
D_1 ?	99.45 mm
$r_{1,2}$ - min.	1.5 mm
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	1 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7213 BECBJ
manufacturer upc number:	7316570971798
manufacturer product	Click here

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Basic dynamic load rating C	69.5 kN
radial static load capacity:	57 kN
Basic dynamic load rating - C	66.3 kN
radial dynamic load capacity:	69.5 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Fatigue load limit P_u	2.45 kN
Calculation factor - Y_0	0.26
Calculation factor - k_a	1.4
Calculation factor - k_r	0.095
Calculation factor - Y_2	0.57
Fatigue load limit - P_u	2.3 kN
Calculation factor - Y_1	
Basic static load rating C_0	57 kN
Basic static load rating - C_0	54 kN