



Bearing No. 7218 BECBJ

a	67 mm
d	90 mm
D	160 mm
B	30 mm
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	1.181 Inch 30 Millimeter
UNSPSC	31171531
weight:	5.07 lbs
series:	7200
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	160x90x30
Enclosure	Open
bore type:	Round
Width (mm)	30
Flush Ground	Yes
Mass bearing	2.3 kg
maximum rpm:	5000 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	134.8 mm
d ₂	103.06 mm
d ₁	117.1 mm

closure type:	Open
bore diameter:	90 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
Other Features	Normal Axial Internal Clearance
fillet radius:	2 mm
overall width:	30 mm
Bearing number	7218 BECBJ
Limiting speed	5000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	5000 r/min
Outside Diameter	6.299 Inch 160 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	90MM Bore; 160MM Outside Diameter; 30MM 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	2.382
outside diameter:	160 mm
bearing material:	Steel
Manufacturer Name	SKF
Number of Bearings	1 (Single)
Internal Clearance	CB
r _b max.	1 mm
	2 mm

ra max.	
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D _b max.	154 mm
D _a max.	149 mm
d _a min.	101 mm
Bore Diameter (mm)	160
Outer Diameter (mm)	90
d _a - min.	101 mm
Minimum Buy Quantity	N/A
D _a - max.	149 mm
D _b - max.	154 mm
r _a - max.	2 mm
r _b - max.	1 mm
Mounting Arrangement	Universal
maximum temperature:	257 °F
Calculation factor X	0.57
r _{1,2} min.	2 mm
r _{3,4} min.	1 mm
Calculation factor A	0.149
Calculation factor e	1.14
D ₁ ?	134.8 mm
row type & fill slot:	Single-Row Non-Fill Slot
d ₁ ?	117.1 mm
d ₂ ?	103.06 mm
r _{1,2} - min.	2 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	7218 BECBJ
manufacturer upc number:	7316570366372
manufacturer product	Click here

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Basic dynamic load rating C	116 kN
radial static load capacity:	104 kN
Basic dynamic load rating - C	116 kN
radial dynamic load capacity:	116 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	4 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	4 kN
Calculation factor - Y_1	
Basic static load rating C_0	104 kN
Basic static load rating - C_0	104 kN