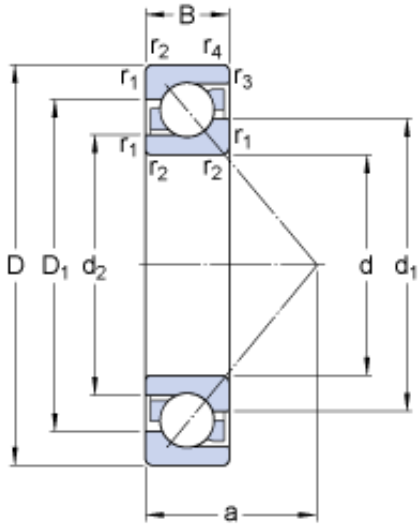
Loyal | 7324 BGBM



Bearing No. 7324 BGBM

D	260 mm
d	120 mm
B	55 mm
a	107 mm
Bore	4.724 Inch | 120 Millimeter
Noun	Bearing
Width	2.165 Inch | 55 Millimeter
UNSPSC	31171531
Preload	Medium
series:	73
Category	Angular Contact Ball Bearing
Size (mm)	260x120x55
Inventory	0.0
Snap Ring	No
Enclosure	Open
Width (mm)	55
Weight / LBS	30.497
Flush Ground	Yes
Mass bearing	14.5 kg
maximum rpm:	3000 RPM
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D_1	211 mm
d_2	153.85 mm
d_1	178.4 mm

closure type:	Open
Keyword String	Angular Contact
overall width:	55 mm
contact angle:	40 °
fillet radius:	2.5 mm
bore diameter:	120 mm
Bearing number	7324 BGBM
Limiting speed	3000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 3 | ISO P6
Reference speed	3000 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	10.236 Inch | 260 Millimeter
Long Description	120MM Bore; 260MM Outside Diameter; 55MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 | ISO P6; No Filling Slot; No Snap Ring
outer ring width:	55 mm
outside diameter:	260 mm
Manufacturer Name	SKF
Weight / Kilogram	13.85
precision rating:	Not Rated
Bore Diameter (mm)	260
Internal Clearance	C0-Medium
d_a min.	134 mm
Number of Bearings	1 (Single)
D_a max.	246 mm
D_b max.	253 mm
r_a max.	2.5 mm

r_b max.	1 mm
Outer Diameter (mm)	120
internal clearance:	C0
d_a - min.	134 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	3 mm
Calculation factor A	1.11
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.5 mm
D_a - max.	246 mm
Mounting Arrangement	Universal
D_b - max.	253 mm
r_a - max.	2.5 mm
r_b - max.	1 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	178.4 mm
d_2 ?	153.85 mm
D_1 ?	211 mm
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	3 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7324 BGBM
Basic dynamic load rating C	238 kN
radial static load capacity:	250 kN
Basic dynamic load rating - C	238 kN

radial dynamic load capacity:	238 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	7.65 kN
Calculation factor k_r	0.09
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - k_a	1.4
Fatigue load limit - P_u	7.6 kN
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - k_r	0.09
Basic static load rating C_0	250 kN
Basic static load rating - C_0	250 kN