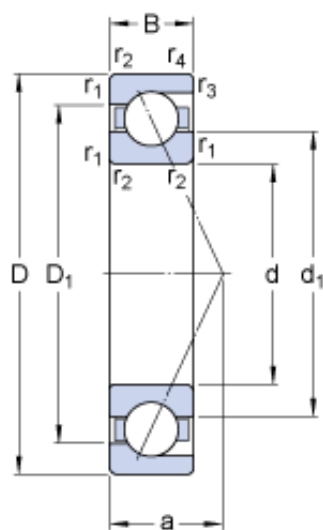




Bearing No. 7417 BAGAMC

a	88 mm
d	85 mm
D	210 mm
B	52 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	2.047 Inch 52 Millimeter
UNSPSC	31171531
Preload	Light
series:	74
Category	Angular Contact Ball Bearing
Size (mm)	210x85x52
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	52
Weight / LBS	20.483
maximum rpm:	4000 RPM
Flush Ground	Yes
Mass bearing	9.6 kg
Product Group	B00308
Contact Angle	40 Degree
Cage Material	Brass
closure type:	Open
d ₁	127.631 mm
D ₁	166.95 mm
Inch - Metric	Metric
Bearing number	7417 BAGAMC

Limiting speed	4000 r/min
overall width:	52 mm
bore diameter:	85 mm
Keyword String	Angular Contact
fillet radius:	2.5 mm
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	3800 r/min
finish/coating:	Uncoated
Manufacturer URL	http://www.skf.com
Outside Diameter	8.268 Inch 210 Millimeter
Long Description	85MM Bore; 210MM Outside Diameter; 52MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Weight / Kilogram	9.3
Manufacturer Name	SKF
outside diameter:	210 mm
outer ring width:	52 mm
precision rating:	Not Rated
Bore Diameter (mm)	210
Internal Clearance	C0-Medium
d _a min.	55 mm
Number of Bearings	1 (Single)
r _b max.	2 mm
r _a max.	2 mm
D _b max.	191 mm
D _a max.	110 mm
internal clearance:	C0

Outer Diameter (mm)	85
Calculation factor X	0.57
Calculation factor e	1.14
Calculation factor A	0.543
D _a - max.	110 mm
Mounting Arrangement	Universal
Minimum Buy Quantity	N/A
r _b - max.	2 mm
r _a - max.	2 mm
r _{1,2} min.	4 mm
d _a - min.	55 mm
D _b - max.	191 mm
r _{3,4} min.	4 mm
D ₁ ?	166.95 mm
d ₁ ?	127.631 mm
row type & fill slot:	Single-Row Non-Fill Slot
r _{1,2} - min.	4 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
r _{3,4} - min.	4 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7417 BAGAMC
Basic dynamic load rating C	190 kN
radial static load capacity:	166 kN
radial dynamic load capacity:	190 kN
Basic dynamic load rating - C	190 kN
Maximum Capacity / Filling Slot	No

Fatigue load limit P_u	5.85 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Calculation factor - k_a	1.6
Calculation factor - k_r	0.1
Fatigue load limit - P_u	5.8 kN
Basic static load rating C_0	166 kN
Basic static load rating - C_0	166 kN