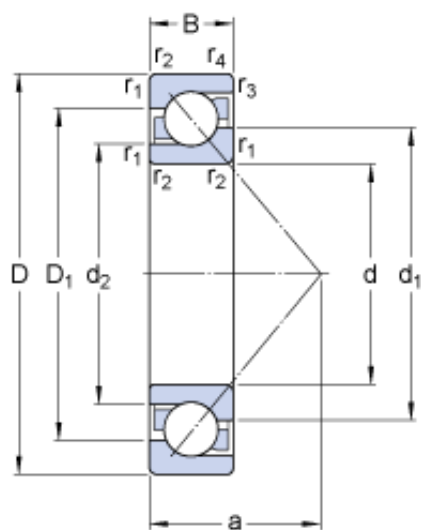




Bearing No. 7219 BEGAM

D	170 mm
d	95 mm
B	32 mm
a	72 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
Width	1.26 Inch 32 Millimeter
UNSPSC	31171531
Preload	Light
series:	72
Category	Angular Contact Ball Bearing
Size (mm)	170x95x32
Enclosure	Open
Snap Ring	No
Inventory	0.0
Width (mm)	32
Weight / LBS	6.511
Flush Ground	Yes
Mass bearing	2.7 kg
maximum rpm:	4800 RPM
Product Group	B00308
Inch - Metric	Metric
closure type:	Open
Contact Angle	40 Degree
Cage Material	Brass
D ₁	142.45 mm
d ₂	109.09 mm
d ₁	124.3 mm
cage material:	Brass

Keyword String	Angular Contact
overall width:	32 mm
contact angle:	40 °
fillet radius:	2 mm
bore diameter:	95 mm
Bearing number	7219 BEGAM
Limiting speed	4800 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
Reference speed	4800 r/min
Long Description	95MM Bore; 170MM Outside Diameter; 32MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	2.96
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	170 mm
outer ring width:	32 mm
Manufacturer Name	SKF
Bore Diameter (mm)	170
r _b max.	1 mm
r _a max.	2 mm
D _b max.	163 mm
D _a max.	158 mm
d _a min.	107 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium

Outer Diameter (mm)	95
internal clearance:	C0
D _a - max.	158 mm
Calculation factor A	0.191
r _{1,2} min.	2.1 mm
d _a - min.	107 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
r _{3,4} min.	1.1 mm
r _a - max.	2 mm
r _b - max.	1 mm
Calculation factor X	0.57
Calculation factor e	1.14
D _b - max.	163 mm
d ₁ ?	124.3 mm
row type & fill slot:	Single-Row Non-Fill Slot
D ₁ ?	142.45 mm
d ₂ ?	109.09 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Calculation factor - e	1.14
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7219 BEGAM
Basic dynamic load rating C	129 kN
radial static load capacity:	118 kN
radial dynamic load capacity:	129 kN
Basic dynamic load rating - C	129 kN

Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor k_r	0.095
Fatigue load limit P_u	4.4 kN
Fatigue load limit - P_u	4.4 kN
Calculation factor - k_a	1.4
Calculation factor - k_r	0.095
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - Y_0	0.26
Basic static load rating C_0	118 kN
Basic static load rating - C_0	118 kN