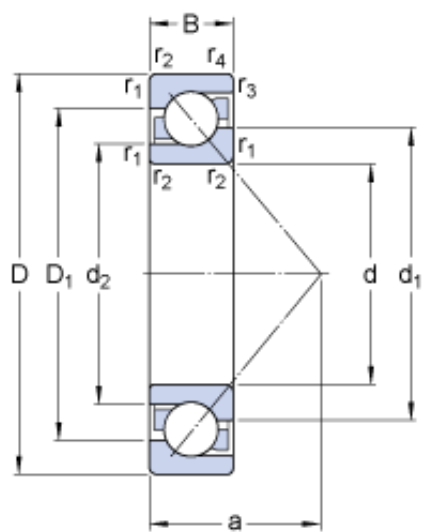




Bearing No. 7219 BECBP

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
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	170x95x32
Width (mm)	32
Flush Ground	Yes
Mass bearing	2.7 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polyamide
D ₁	142.45 mm
d ₂	109.09 mm
d ₁	124.3 mm
Product Group	B00308
Other Features	Normal Axial Internal Clearance
Keyword String	Angular Contact
Bearing number	7219 BECBP
Limiting speed	4800 r/min
Precision Class	ABEC 1 ISO P0

Rolling Element	Ball Bearing
Reference speed	4800 r/min
Manufacturer URL	http://www.skf.com
Long Description	95MM Bore; 170MM Outside Diameter; 32MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Polyamide Cage; 40 Degree; 1 (Single); Uni
Outside Diameter	6.693 Inch 170 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.747
D _a max.	158 mm
Bore Diameter (mm)	170
Number of Bearings	1 (Single)
d _a min.	107 mm
Internal Clearance	CB
D _b max.	163 mm
r _a max.	2 mm
r _b max.	1 mm
Outer Diameter (mm)	95
Calculation factor A	0.191
Calculation factor X	0.57
d _a - min.	107 mm
D _a - max.	158 mm
Calculation factor e	1.14
D _b - max.	163 mm
Mounting Arrangement	Universal
Minimum Buy Quantity	N/A
r _a - max.	2 mm

r_b - max.	1 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
D_1 ?	142.45 mm
d_2 ?	109.09 mm
d_1 ?	124.3 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7219 BECBP
Basic dynamic load rating C	129 kN
Basic dynamic load rating - C	129 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.4 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	4.4 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	118 kN

Basic static load rating - C_0	118 kN
-------------------------------------	--------