



Bearing No. 7219 BEGAPH

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
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	170x95x32
Snap Ring	No
Width (mm)	32
Flush Ground	Yes
Mass bearing	2.7 kg
Contact Angle	40 Degree
Cage Material	PEEK
Inch - Metric	Metric
D ₁	142.45 mm
d ₂	109.09 mm
d ₁	124.3 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7219 BEGAPH
Limiting speed	4800 r/min
Reference speed	4800 r/min
Rolling Element	Ball Bearing

Precision Class	ABEC 1 ISO P0
Outside Diameter	6.693 Inch 170 Millimeter
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; C0-Medium; PEEK Cage; 40 Degree; 1 (Single); L
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
d _a min.	107 mm
D _a max.	158 mm
Bore Diameter (mm)	170
D _b max.	163 mm
r _a max.	2 mm
r _b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	95
Mounting Arrangement	Universal
r _{1,2} min.	2.1 mm
d _a - min.	107 mm
D _a - max.	158 mm
r _{3,4} min.	1.1 mm
D _b - max.	163 mm
r _a - max.	2 mm
r _b - max.	1 mm
Minimum Buy Quantity	N/A
Calculation factor A	0.191

Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	124.3 mm
D_1 ?	142.45 mm
d_2 ?	109.09 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	1.1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
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