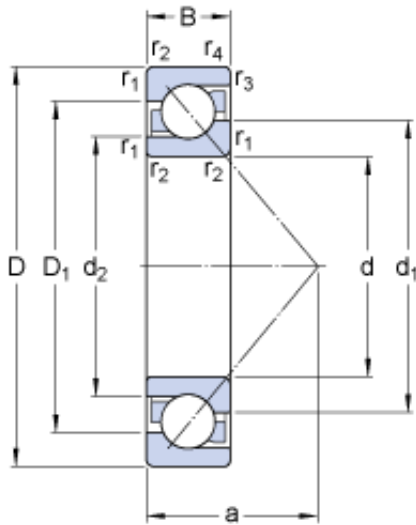




Bearing equipment manufacturing Co., Ltd



7317 BEGAPH Bearing 2D drawings and 3D CAD models

85 mm x 180 mm x 41 mm SKF 7317 BEGAPH angular contact ball bearings

Bearing No. 7317 BEGAPH

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d ₁	122.3 mm
d ₂	103.03 mm
D ₁	144.95 mm
a	76 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	99 mm
D _a - max.	166 mm
D _b - max.	173 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	156 kN
Basic static load rating - C ₀	132 kN
Fatigue load limit - P _u	4.9 kN
Reference speed	4800 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	PEEK
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric



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Long Description	85MM Bore; 180MM Outside Diameter; 41MM 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
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7317 BEGAPH
Outside Diameter	7.087 Inch 180 Millimeter
Width	1.614 Inch 41 Millimeter
Bore	3.346 Inch 85 Millimeter
d_1	122.3 mm
d_2	103.03 mm
D_1	144.95 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	99 mm
D_a max.	166 mm
D_b max.	173 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating C_0	132 kN
Fatigue load limit P_u	4.9 kN
Calculation factor A	0.27
Calculation factor k_r	0.1



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Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	4.45 kg