



Bearing No. 7317 BEGAPH

D	180 mm
d	85 mm
B	41 mm
a	76 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Width	1.614 Inch 41 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	180x85x41
Snap Ring	No
Width (mm)	41
Flush Ground	Yes
Mass bearing	4.45 kg
Contact Angle	40 Degree
Cage Material	PEEK
Inch - Metric	Metric
D ₁	144.95 mm
d ₂	103.03 mm
d ₁	122.3 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7317 BEGAPH
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	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
Outside Diameter	7.087 Inch 180 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
D _a max.	166 mm
Bore Diameter (mm)	180
Number of Bearings	1 (Single)
d _a min.	99 mm
Internal Clearance	C0-Medium
D _b max.	173 mm
r _a max.	2.5 mm
r _b max.	1 mm
Outer Diameter (mm)	85
Calculation factor A	0.27
Calculation factor X	0.57
d _a - min.	99 mm
Calculation factor e	1.14
D _a - max.	166 mm
Mounting Arrangement	Universal
D _b - max.	173 mm
Minimum Buy Quantity	N/A

r_a - max.	2.5 mm
r_b - max.	1 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
D_1 ?	144.95 mm
d_2 ?	103.03 mm
d_1 ?	122.3 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.	3 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7317 BEGAPH
Basic dynamic load rating C	156 kN
Basic dynamic load rating - C	156 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.9 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
Fatigue load limit - P_u	4.9 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26

Basic static load rating C_0	132 kN
Basic static load rating - C_0	132 kN