

Limiting speed	4800 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	4800 r/min
Outside Diameter	7.087 Inch 180 Millimeter
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 3 ISO P6; No Filling Slot; No Snap Ring
Weight / Kilogram	4.26
Manufacturer Name	SKF
Internal Clearance	C0-Medium
r_a max.	2.5 mm
Number of Bearings	1 (Single)
r_b max.	1 mm
D_b max.	173 mm
D_a max.	166 mm
d_a min.	99 mm
Bore Diameter (mm)	180
Outer Diameter (mm)	85
r_b - max.	1 mm
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
Mounting Arrangement	Universal
D_b - max.	173 mm
Calculation factor A	0.27
D_a - max.	166 mm
d_a - min.	99 mm

Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.1 mm
D_1 ?	144.95 mm
d_2 ?	103.03 mm
d_1 ?	122.3 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	3 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7317 BEGAP
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_0	0.26
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Basic static load rating	132 kN

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Basic static load rating - C_0	132 kN
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