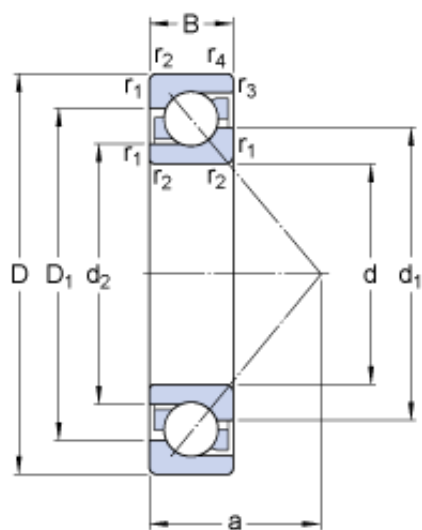




Bearing No. 7314 BECAP

D	150 mm
d	70 mm
B	35 mm
a	64 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	1.378 Inch 35 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	150x70x35
Snap Ring	No
Width (mm)	35
Flush Ground	Yes
Mass bearing	2.65 kg
Weight / LBS	5.613
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
D ₁	121.5 mm
d ₂	84.4 mm
d ₁	101.1 mm
Product Group	B00308
Other Features	Axial Internal Clearance Smaller Than Normal
Keyword String	Angular Contact
Bearing number	7314 BECAP

Limiting speed	5600 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	5600 r/min
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	70MM Bore; 150MM Outside Diameter; 35MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Weight / Kilogram	2.55
Manufacturer Name	SKF
Internal Clearance	CA
r _a max.	2 mm
Number of Bearings	1 (Single)
r _b max.	1 mm
D _b max.	143 mm
D _a max.	138 mm
d _a min.	82 mm
Bore Diameter (mm)	150
Outer Diameter (mm)	70
r _b - max.	1 mm
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
r _a - max.	2 mm
Calculation factor A	0.145
D _b - max.	143 mm
D _a - max.	138 mm
d _a - min.	82 mm

Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.1 mm
D_1 ?	121.5 mm
d_2 ?	84.4 mm
d_1 ?	101.1 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	2.1 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	7314 BECAP
Basic dynamic load rating C	127 kN
Basic dynamic load rating - C	127 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.9 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	3.9 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	98 kN

C ⁰	
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Basic static load rating - C ₀	98 kN
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