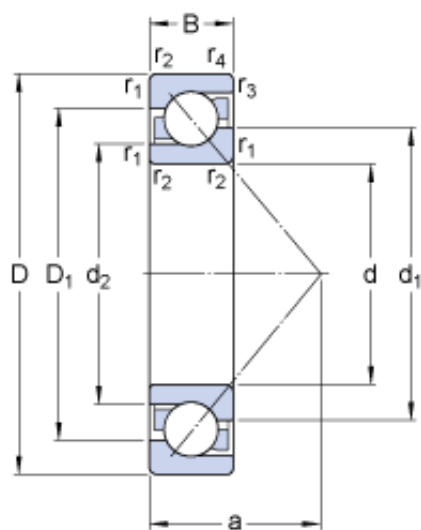




Bearing No. 7314 BEGAF

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
Preload	Light
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	6.29
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	121.5 mm
d ₂	84.4 mm
d ₁	101.1 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7314 BEGAF

Limiting speed	5300 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	5300 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
Manufacturer Name	SKF
Weight / Kilogram	2.86
r_b max.	1 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
r_a max.	2 mm
Bore Diameter (mm)	150
D_b max.	143 mm
D_a max.	138 mm
d_a min.	82 mm
Outer Diameter (mm)	70
r_b - max.	1 mm
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
r_a - max.	2 mm
Mounting Arrangement	Universal
D_b - max.	143 mm
Calculation factor A	0.145
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 BEGAF
Basic dynamic load rating C	119 kN
Basic dynamic load rating - C	119 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	3.65 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	3.6 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	90 kN

C ⁰	
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Basic static load rating - C ₀	90 kN
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