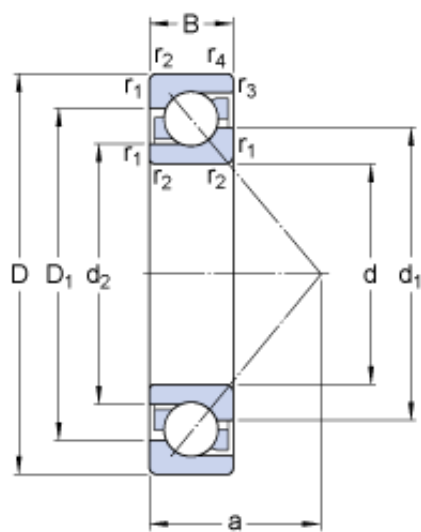




Bearing No. 7314 BEGAJ

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
Contact Angle	40 Degree
Cage Material	Steel
Inch - Metric	Metric
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 BEGAJ
Limiting speed	5300 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	5300 r/min
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 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single);
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	2.666
D _a max.	138 mm
Bore Diameter (mm)	150
Number of Bearings	1 (Single)
d _a min.	82 mm
Internal Clearance	C0-Medium
D _b max.	143 mm
r _a max.	2 mm
r _b max.	1 mm
Outer Diameter (mm)	70
Calculation factor A	0.145
Calculation factor X	0.57
d _a - min.	82 mm
Calculation factor e	1.14
D _a - max.	138 mm
Mounting Arrangement	Universal
D _b - max.	143 mm
Minimum Buy Quantity	N/A

r_a - max.	2 mm
r_b - max.	1 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
D_1 ?	121.5 mm
d_2 ?	84.4 mm
d_1 ?	101.1 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.	2.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7314 BEGAJ
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_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26

Basic static load rating C_0	90 kN
Basic static load rating - C_0	90 kN