



Bearing No. 7321 BEP

D	225 mm
d	105 mm
B	49 mm
a	94 mm
Bore	4.134 Inch 105 Millimeter
Noun	Bearing
Width	1.929 Inch 49 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	225x105x49
Width (mm)	49
Flush Ground	No
Mass bearing	8.55 kg
Contact Angle	40 Degree
Cage Material	Polyamide
Inch - Metric	Metric
D ₁	181.35 mm
d ₂	127.87 mm
d ₁	151.65 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7321 BEP
Limiting speed	3400 r/min
Rolling Element	Ball Bearing

Reference speed	3400 r/min
Precision Class	ABEC 1 ISO P0
Outside Diameter	8.858 Inch 225 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	105MM Bore; 225MM Outside Diameter; 49MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Polyamide Cage; 40 Degree; 1 (Singl
Manufacturer Name	SKF
Weight / Kilogram	8.472
Internal Clearance	C0-Medium
r_a max.	2.5 mm
D_b max.	218 mm
D_a max.	211 mm
d_a min.	119 mm
Bore Diameter (mm)	225
r_b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	105
d_a - min.	119 mm
D_a - max.	211 mm
Calculation factor A	0.669
D_b - max.	218 mm
r_a - max.	2.5 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
Calculation factor X	0.57
Minimum Buy Quantity	N/A

Calculation factor e	1.14
r_b - max.	1 mm
D_1 ?	181.35 mm
d_2 ?	127.87 mm
d_1 ?	151.65 mm
$r_{3,4}$ - min.	1.1 mm
$r_{1,2}$ - min.	3 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	203 kN
Basic dynamic load rating - C	203 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	6.4 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	6.4 kN
Calculation factor - k_r	0.1
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Calculation factor - k_a	1.6
Basic static load rating C_0	193 kN
Basic static load rating - C_0	193 kN