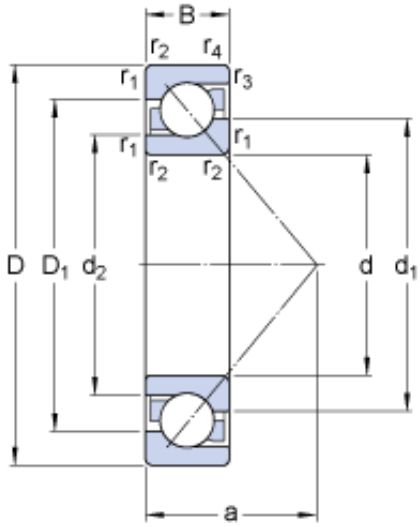
Loyal | 7322 BEP



Bearing No. 7322 BEP

D	240 mm
d	110 mm
B	50 mm
a	99 mm
Bore	4.331 Inch | 110 Millimeter
Noun	Bearing
Width	1.969 Inch | 50 Millimeter
UNSPSC	31171531
series:	7300
weight:	22 lbs
Category	Angular Contact Ball Bearing
Size (mm)	240x110x50
Enclosure	Open
Snap Ring	No
Inventory	0.0
bore type:	Round
Width (mm)	50
Flush Ground	No
Mass bearing	10 kg
maximum rpm:	3200 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polyamide
D_1	193.5 mm
d_2	134.98 mm
d_1	160.8 mm

closure type:	Open
bore diameter:	110 mm
cage material:	Polyamide 66
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	3 mm
overall width:	50 mm
Bearing number	7322 BEP
Limiting speed	3200 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 | ISO P0
Reference speed	3200 r/min
Long Description	110MM Bore; 240MM Outside Diameter; 50MM 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
Outside Diameter	9.449 Inch | 240 Millimeter
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	240 mm
Weight / Kilogram	9.864
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
r_b max.	1 mm
r_a max.	2.5 mm
D_b max.	233 mm

D_a max.	226 mm
d_a min.	124 mm
Bore Diameter (mm)	240
Outer Diameter (mm)	110
Calculation factor X	0.57
Calculation factor e	1.14
Calculation factor A	0.906
maximum temperature:	257 °F
r_b - max.	1 mm
r_a - max.	2.5 mm
D_b - max.	233 mm
D_a - max.	226 mm
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
d_a - min.	124 mm
$r_{3,4}$ min.	1.1 mm
row type & fill slot:	Single-Row Non-Fill Slot
D_1 ?	193.5 mm
d_2 ?	134.98 mm
d_1 ?	160.8 mm
$r_{1,2}$ - min.	3 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
$r_{3,4}$ - min.	1.1 mm
Calculation factor - e	1.14
Number of Rows of Balls	Single Row
Manufacturer Item Number	7322 BEP
manufacturer upc number:	7316576651014
manufacturer product page:	Click here
Basic dynamic load	225 kN

rating C	
radial static load capacity:	224 kN
Basic dynamic load rating - C	225 kN
radial dynamic load capacity:	225 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor Y_0	0.52
Calculation factor k_r	0.1
Fatigue load limit P_u	7.2 kN
Fatigue load limit - P_u	7.2 kN
Calculation factor - Y_2	0.57
Calculation factor - k_a	1.6
Calculation factor - k_r	0.1
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	224 kN
Basic static load rating - C_0	224 kN