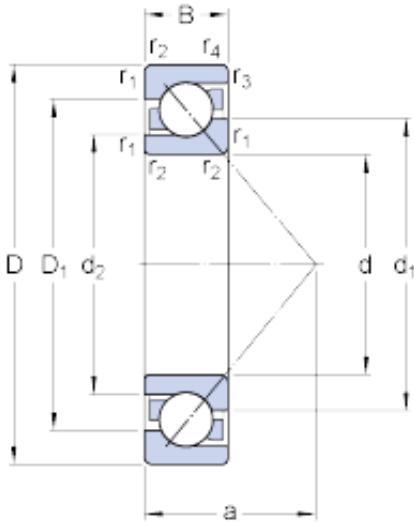




SNR BEARING CORP.OF AMERICA



7322 BEP Bearing 2D drawings and 3D CAD models

110 mm x 240 mm x 50 mm skf 7322 BEP Single row angular contact ball bearings

Bearing No. 7322 BEP

Size	240x110x50 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	50 mm
d	110 mm
D	240 mm
B	50 mm
d ₁	160.8 mm
d ₂	134.98 mm
D ₁	193.5 mm
a	99 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	124 mm
D _a - max.	226 mm
D _b - max.	233 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	225 kN
Basic static load rating - C ₀	224 kN
Fatigue load limit - P _u	7.2 kN
Reference speed	3200 r/min
Limiting speed	3200 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	9.864
EAN	7316576651014
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	110MM Bore; 240MM



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	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
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7322 BEP
Bore	4.331 Inch 110 Millimeter
Width	1.969 Inch 50 Millimeter
Outside Diameter	9.449 Inch 240 Millimeter
bore diameter:	110 mm
maximum temperature:	257 ° F
outside diameter:	240 mm
cage material:	Polyamide 66
overall width:	50 mm
maximum rpm:	3200 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	3 mm
bore type:	Round
series:	7300
closure type:	Open
weight:	22 lbs
bearing material:	Steel
manufacturer product page:	Click here



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radial dynamic load capacity:	225 kN
manufacturer upc number:	7316576651014
radial static load capacity:	224 kN
d_1	160.8 mm
d_2	134.98 mm
D_1	193.5 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	124 mm
D_a max.	226 mm
D_b max.	233 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	225 kN
Basic static load rating C_0	224 kN
Fatigue load limit P_u	7.2 kN
Calculation factor A	0.906
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	10 kg