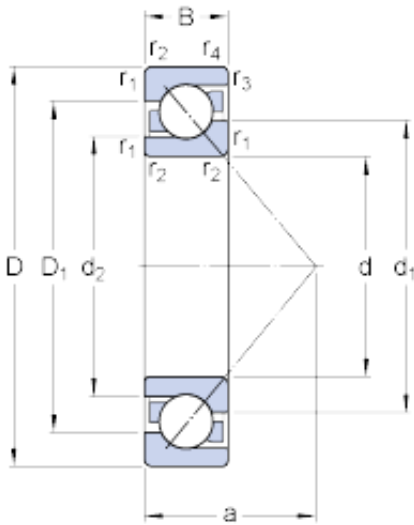




SNR BEARING CORP.OF AMERICA



70 mm x 125 mm x 24 mm skf 7214 BEGAF
Single row angular contact ball bearings

Bearing No. 7214 BEGAF

7214 BEGAF Bearing 2D drawings and 3D CAD models

Size	125x70x24 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	24 mm
d	70 mm
D	125 mm
B	24 mm
d_1	91.5 mm
d_2	80.25 mm
D_1	104.75 mm
a	53 mm
$r_{1,2}$ - min.	1.5 mm
$r_{3,4}$ - min.	1 mm
d_a - min.	79 mm
D_a - max.	116 mm
D_b - max.	119 mm
r_a - max.	1.5 mm
r_b - max.	1 mm
Basic dynamic load rating - C	67.6 kN
Basic static load rating - C_0	56 kN
Fatigue load limit - P_u	2.4 kN
Reference speed	6000 r/min
Limiting speed	6000 r/min
Calculation factor - k_r	0.095



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Calculation factor - k_a	1.4
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	0
EAN	7316570679540
Product Group	B04270
Enclosure	Open
Flush Ground	Yes
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	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal



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Inch - Metric	Metric
Long Description	70MM Bore; 125MM Outside Diameter; 24MM 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);
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
Outside Diameter	4.921 Inch 125 Millimeter
Width	0.945 Inch 24 Millimeter
Bore	2.756 Inch 70 Millimeter
d_1	91.5 mm
d_2	80.25 mm
D_1	104.75 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
d_a min.	79 mm
D_a max.	116 mm
D_b max.	119 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	67.6 kN
Basic static load rating C_0	56 kN
Fatigue load limit P_u	2.36 kN
Calculation factor A	0.0529
Calculation factor k_r	0.095
Calculation factor e	1.14



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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	1.1 kg