



SNR BEARING CORP.OF AMERICA



80 mm x 140 mm x 26 mm skf 7216 BEGAF
Single row angular contact ball bearings

Bearing No. 7216 BEGAF

7216 BEGAF Bearing 2D drawings and 3D CAD models

Size	140x80x26 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	26 mm
d	80 mm
D	140 mm
B	26 mm
d ₁	103.55 mm
d ₂	91.44 mm
D ₁	117.85 mm
a	59 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	1 mm
d _a - min.	91 mm
D _a - max.	130 mm
D _b - max.	134 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	80.6 kN
Basic static load rating - C ₀	69.5 kN
Fatigue load limit - P _u	2.8 kN
Reference speed	5300 r/min
Limiting speed	5300 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	1.43
Product Group	B00308
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
Inch - Metric	Metric



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Long Description	80MM Bore; 140MM Outside Diameter; 26MM 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
Manufacturer Item Number	7216 BEGAF
Bore	3.15 Inch 80 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Width	1.024 Inch 26 Millimeter
d_1	103.55 mm
d_2	91.44 mm
D_1	117.85 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
d_a min.	91 mm
D_a max.	130 mm
D_b max.	134 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	80.6 kN
Basic static load rating C_0	69.5 kN
Fatigue load limit P_u	2.8 kN
Calculation factor A	0.0801
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	1.45 kg