



SNR BEARING CORP.OF AMERICA



75 mm x 160 mm x 37 mm skf 7315 BEGAPH
Single row angular contact ball bearings

Bearing No. 7315 BEGAPH

7315 BEGAPH Bearing 2D drawings and 3D CAD models

Size	160x75x37 mm
Bore Diameter	160 mm
Outer Diameter	75 mm
Width	37 mm
d	75 mm
D	160 mm
B	37 mm
d ₁	108.25 mm
d ₂	91.13 mm
D ₁	128.9 mm
a	68 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
d _a - min.	87 mm
D _a - max.	148 mm
D _b - max.	153 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	132 kN
Basic static load rating - C ₀	104 kN
Fatigue load limit - P _u	4.2 kN
Reference speed	5300 r/min
Limiting speed	5300 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	3.124
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	PEEK
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	75MM Bore; 160MM Outside Diameter; 37MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; PEEK Cage; 40 Degree; 1 (Single); L
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	7315 BEGAPH
Outside Diameter	6.299 Inch 160 Millimeter
Bore	2.953 Inch 75 Millimeter
Width	1.457 Inch 37 Millimeter
d_1	108.25 mm
d_2	91.13 mm
D_1	128.9 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	87 mm
D_a max.	148 mm
D_b max.	153 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	132 kN
Basic static load rating C_0	104 kN
Fatigue load limit P_u	4.15 kN
Calculation factor A	0.171
Calculation factor k_r	0.1



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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	3.2 kg