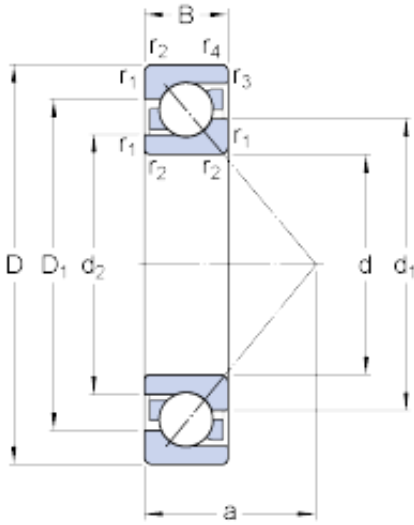




# SNR BEARING CORP.OF AMERICA



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 <sub>1</sub>	108.25 mm
d <sub>2</sub>	91.13 mm
D <sub>1</sub>	128.9 mm
a	68 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	87 mm
D <sub>a</sub> - max.	148 mm
D <sub>b</sub> - max.	153 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	132 kN
Basic static load rating - C <sub>0</sub>	104 kN
Fatigue load limit - P <sub>u</sub>	4.2 kN
Reference speed	5300 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	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
EAN	7316572907269
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



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Inch - Metric	Metric
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



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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	3.2 kg