



HMSA BEARING MANUFACTURING LIMITED



40 mm x 90 mm x 23 mm skf 7308 BEGAPH
Single row angular contact ball bearings

Bearing No. 7308 BEGAPH

7308 BEGAPH Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
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
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap



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	Ring; C0-Medium; PEEK Cage; 40 Degree; 1 (Single); Li
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
D	3.543 Inch 90 Millimeter
d	1.575 Inch 40 Millimeter
B	0.906 Inch 23 Millimeter
d	40 mm
D	90 mm
B	23 mm
d ₁	59.7 mm
d ₂	49.55 mm
D ₁	71.6 mm
a	39 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1 mm
d _a min.	49 mm
D _a max.	81 mm
D _b max.	84.4 mm
r _a max.	1.5 mm
r _b max.	1 mm
Basic dynamic load rating C	50 kN
Basic static load rating C ₀	32.5 kN
Fatigue load limit P _u	1.37 kN
Reference speed	9500 r/min
Limiting speed	10000 r/min
Calculation factor A	0.0173



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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	0.62 kg