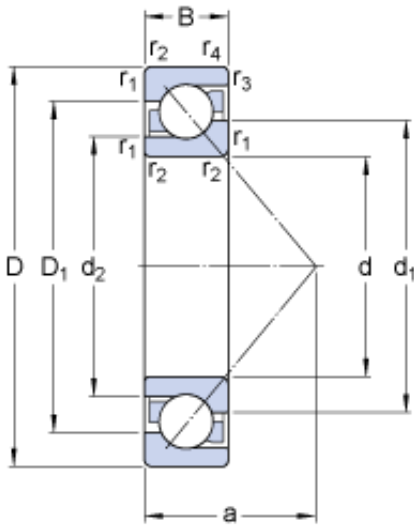




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7208 BEGAY Bearing 2D drawings and 3D CAD models

40 mm x 80 mm x 18 mm SKF 7208 BEGAY angular contact ball bearings

Bearing No. 7208 BEGAY

Size	80x40x18 mm
Bore Diameter	80 mm
Outer Diameter	40 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
d ₁	56.25 mm
d ₂	48.08 mm
D ₁	65.55 mm
a	34 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
d _a - min.	47 mm
D _a - max.	73 mm
D _b - max.	75.8 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	36.4 kN
Basic static load rating - C ₀	26 kN
Fatigue load limit - P _u	1.1 kN
Reference speed	10000 r/min
Limiting speed	10000 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	0.37
EAN	7316577611987
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
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	40MM Bore; 80MM Outside Diameter; 18MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
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	7208 BEGAY
Weight / LBS	0.809
Outside Diameter	3.15 Inch 80 Millimeter
Width	0.709 Inch 18 Millimeter
Bore	1.575 Inch 40 Millimeter
bore diameter:	40 mm
radial static load capacity:	26 kN
outside diameter:	80 mm
cage material:	Brass
overall width:	18 mm
outer ring width:	18 mm
contact angle:	40 °
maximum rpm:	10000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	1 mm



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radial dynamic load capacity:	36.4 kN
series:	72
d_1	56.25 mm
d_2	48.08 mm
D_1	65.55 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	47 mm
D_a max.	73 mm
D_b max.	75.8 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	36.4 kN
Basic static load rating C_0	26 kN
Fatigue load limit P_u	1.1 kN
Calculation factor A	0.0109
Calculation factor k_r	0.095
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	0.37 kg