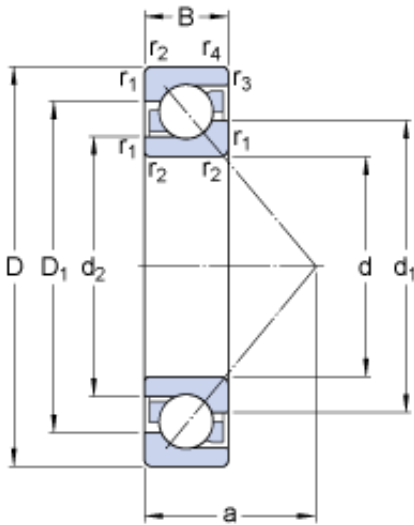




AMERICAN NTN BEARING LTD



17 mm x 40 mm x 12 mm SKF 7203 BEGAP
angular contact ball bearings

Bearing No. 7203 BEGAP

7203 BEGAP Bearing 2D drawings and 3D CAD models

Size	40x17x12 mm
Bore Diameter	40 mm
Outer Diameter	17 mm
Width	12 mm
d	17 mm
D	40 mm
B	12 mm
d ₁	26.25 mm
d ₂	21.66 mm
D ₁	31.15 mm
a	18 mm
r _{1,2} - min.	0.6 mm
r _{3,4} - min.	0.6 mm
d _a - min.	21.2 mm
D _a - max.	35.8 mm
D _b - max.	35.8 mm
r _a - max.	0.6 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	11 kN
Basic static load rating - C ₀	5.8 kN
Fatigue load limit - P _u	0.25 kN
Reference speed	22000 r/min
Limiting speed	22000 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	0.06
EAN	7316570039696
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	Polymer
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	17MM Bore; 40MM Outside Diameter; 12MM 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	7203 BEGAP
Weight / LBS	0.141
Bore	0.669 Inch 17 Millimeter
Width	0.472 Inch 12 Millimeter
Outside Diameter	1.575 Inch 40 Millimeter
bore diameter:	17 mm
radial static load capacity:	5.85 kN
outside diameter:	40 mm
outer ring width:	12 mm
overall width:	12 mm
maximum rpm:	22000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	0.6 mm
radial dynamic load capacity:	11 kN
series:	72



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d_1	26.25 mm
d_2	21.66 mm
D_1	31.15 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	21.2 mm
D_a max.	35.8 mm
D_b max.	35.8 mm
r_a max.	0.6 mm
r_b max.	0.6 mm
Basic dynamic load rating C	11 kN
Basic static load rating C_0	5.85 kN
Fatigue load limit P_u	0.25 kN
Calculation factor A	0.000625
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	0.065 kg