



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

Bearing No. 7203 BECBM

7203 BECBM 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	0.073
EAN	7316571192635
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	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



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Long Description	17MM Bore; 40MM Outside Diameter; 12MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Brass Cage; 40 Degree; 1 (Single); Universa
Other Features	Normal Axial Internal Clearance
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 BECBM
Weight / LBS	0.1609
Outside Diameter	1.575 Inch 40 Millimeter
Width	0.472 Inch 12 Millimeter
Bore	0.669 Inch 17 Millimeter
bore diameter:	17 mm
maximum temperature:	257 ° F
outside diameter:	40 mm
cage material:	Brass
overall width:	12 mm
maximum rpm:	28000 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	0.6 mm
bore type:	Round
series:	7200
closure type:	Open



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weight:	0.14 lb
bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	11 kN
manufacturer upc number:	7316571192635
radial static load capacity:	5.85 kN
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