



Bearing No. 7203 BE-2RZP

D	40 mm
d	17 mm
B	12 mm
a	18 mm
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
Width	0.472 Inch 12 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	2 Seals
Size (mm)	40x17x12
Snap Ring	No
Width (mm)	12
Flush Ground	No
Mass bearing	0.063 kg
Weight / LBS	0.151
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polyamide
D ₅	36.5 mm
D ₂	34 mm
d ₂	21.66 mm
d ₁	26.25 mm
Product Group	B00234
Keyword String	Angular Contact
Bearing number	7203 BE-2RZP

Limiting speed	20000 r/min
Reference speed	20000 r/min
Precision Class	ABEC 1 ISO P0
Standard grease	GXN
Rolling Element	Ball Bearing
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Width; 2 Seals; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Polyamide Cage; 40 Degree; 1 (Sing
Manufacturer URL	http://www.skf.com
Outside Diameter	1.575 Inch 40 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
d _a max.	26.25 mm
r _b max.	0.6 mm
r _a max.	0.6 mm
Bore Diameter (mm)	40
D _b max.	35.8 mm
D _a max.	35.8 mm
d _a min.	21.2 mm
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	17
r _{1,2} min.	0.6 mm
d _a - min.	21.2 mm
d _a - max.	26.25 mm
D _b - max.	35.8 mm
D _a - max.	35.8 mm

r_a - max.	0.6 mm
r_b - max.	0.6 mm
Minimum Buy Quantity	N/A
Calculation factor A	0.000625
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	0.6 mm
d_1 ?	26.25 mm
d_2 ?	21.66 mm
D_2 ?	34 mm
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	0.6 mm
Calculation factor - e	1.14
$r_{1,2}$ - min.	0.6 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7203 BE-2RZP
Basic dynamic load rating C	10.4 kN
Basic dynamic load rating - C	10.4 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Fatigue load limit P_u	0.236 kN
Calculation factor k_r	0.095
Calculation factor - Y_0	0.26
Calculation factor - k_r	0.095
Calculation factor - Y_1	
Calculation factor - Y_2	0.57

Fatigue load limit - P_u	0.236 kN
Calculation factor - k_a	1.4
Basic static load rating C_0	5.5 kN
Basic static load rating - C_0	5.5 kN