



Bearing No. 7340 BCBM

a	170 mm
d	200 mm
D	420 mm
B	80 mm
Bore	7.874 Inch 200 Millimeter
Noun	Bearing
Width	3.15 Inch 80 Millimeter
UNSPSC	31171531
weight:	117 lbs
series:	7300
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	420x200x80
Enclosure	Open
bore type:	Round
Width (mm)	80
Flush Ground	Yes
Mass bearing	53 kg
maximum rpm:	2200 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	339.45 mm
d ₂	247.1 mm
d ₁	286.8 mm
closure type:	Open

bore diameter:	200 mm
cage material:	Brass
Keyword String	Angular Contact
contact angle:	40 °
Other Features	Normal Axial Internal Clearance
fillet radius:	5 mm
overall width:	80 mm
Bearing number	7340 BCBM
Limiting speed	1800 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	1800 r/min
Outside Diameter	16.535 Inch 420 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	200MM Bore; 420MM Outside Diameter; 80MM 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); Univer
Weight / Kilogram	57.85
outside diameter:	420 mm
bearing material:	Steel
Manufacturer Name	SKF
Number of Bearings	1 (Single)
Internal Clearance	CB
r _b max.	2 mm
r _a max.	4 mm
	410 mm

D ^b max.	
---------------------	--

D _a max.	400 mm
d _a min.	220 mm
Bore Diameter (mm)	420
Outer Diameter (mm)	200
d _a - min.	220 mm
Minimum Buy Quantity	N/A
D _a - max.	400 mm
D _b - max.	410 mm
r _a - max.	4 mm
r _b - max.	2 mm
Mounting Arrangement	Universal
maximum temperature:	257 °F
Calculation factor X	0.57
r _{1,2} min.	5 mm
r _{3,4} min.	2 mm
Calculation factor A	7.5
Calculation factor e	1.14
D ₁ ?	339.45 mm
row type & fill slot:	Single-Row Non-Fill Slot
d ₁ ?	286.8 mm
d ₂ ?	247.1 mm
r _{1,2} - min.	5 mm
Harmonized Tariff Code	8482.10.50.28
r _{3,4} - min.	2 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7340 BCBM
manufacturer upc number:	7316571150147
manufacturer product page:	Click here

Basic dynamic load rating C	462 kN
radial static load capacity:	655 kN
Basic dynamic load rating - C	462 kN
radial dynamic load capacity:	462 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor k_r	0.09
Calculation factor Y_0	0.52
Fatigue load limit P_u	15.6 kN
Calculation factor - Y_0	0.26
Calculation factor - k_a	1.4
Calculation factor - k_r	0.09
Calculation factor - Y_2	0.57
Fatigue load limit - P_u	15.6 kN
Calculation factor - Y_1	
Basic static load rating C_0	655 kN
Basic static load rating - C_0	655 kN