



Bearing No. 7044 BGM

a	145 mm
d	220 mm
D	340 mm
B	56 mm
Bore	8.661 Inch 220 Millimeter
Noun	Bearing
Width	2.205 Inch 56 Millimeter
UNSPSC	31171531
series:	7000
Category	Angular Contact Ball Bearing
Size (mm)	340x220x56
Inventory	0.0
Snap Ring	No
Enclosure	Open
Width (mm)	56
bore type:	Round
Flush Ground	Yes
Mass bearing	18 kg
Contact Angle	40 Degree
Inch - Metric	Metric
Cage Material	Brass
D ₁	295.85 mm
d ₂	245.75 mm
d ₁	267.2 mm
Product Group	B00308
closure type:	Open
bore diameter:	220 mm

Keyword String	Angular Contact
overall width:	2.2047 in
cage material:	Brass Cage
contact angle:	40 °
Bearing number	7044 BGM
Limiting speed	2000 r/min
Reference speed	2000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Outside Diameter	13.386 Inch 340 Millimeter
Long Description	220MM Bore; 340MM Outside Diameter; 56MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single);
Manufacturer URL	http://www.skf.com
precision rating:	ABEC1
outside diameter:	340 mm
Weight / Kilogram	18.074
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Bore Diameter (mm)	340
d _a min.	234 mm
D _a max.	326 mm
D _b max.	333 mm
r _a max.	2.5 mm
r _b max.	1.1 mm

internal clearance:	C0
Outer Diameter (mm)	220
snap ring included:	Without Snap Ring
Mounting Arrangement	Universal
Calculation factor A	1.97
r_b - max.	1.1 mm
Calculation factor X	0.57
r_a - max.	2.5 mm
D_b - max.	333 mm
D_a - max.	326 mm
$r_{3,4}$ min.	1.1 mm
Calculation factor e	1.14
d_a - min.	234 mm
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
D_1 ?	295.85 mm
d_1 ?	267.2 mm
d_2 ?	245.75 mm
row type & fill slot:	Single-Row Non-Fill Slot
Calculation factor - e	1.14
Calculation factor - X	0.35
$r_{1,2}$ - min.	3 mm
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7044 BGM
Basic dynamic load rating C	255 kN
Basic dynamic load rating - C	255 kN
Maximum Capacity / Filling Slot	No

Fatigue load limit P_u	9 kN
Calculation factor k_r	0.083
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - k_a	0.9
Calculation factor - k_r	0.083
Fatigue load limit - P_u	9 kN
Calculation factor - Y_2	0.57
Basic static load rating C_0	355 kN
Basic static load rating - C_0	355 kN