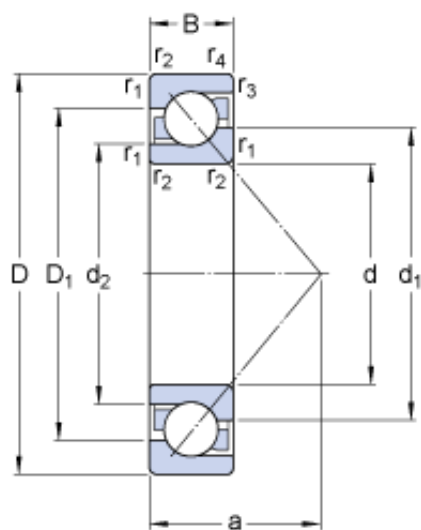




Bearing No. 7028 BGM

D	210 mm
d	140 mm
B	33 mm
a	90 mm
Noun	Bearing
Bore	5.512 Inch 140 Millimeter
Width	1.299 Inch 33 Millimeter
UNSPSC	31171531
series:	70
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Snap Ring	No
Size (mm)	210x140x33
Width (mm)	33
Flush Ground	Yes
Mass bearing	3.85 kg
maximum rpm:	3400 RPM
closure type:	Open
Inch - Metric	Metric
D ₁	184.35 mm
Contact Angle	40 Degree
Cage Material	Brass
d ₂	154.95 mm
d ₁	167.4 mm
Product Group	B00308
bore diameter:	140 mm

overall width:	33 mm
contact angle:	40 °
Keyword String	Angular Contact
fillet radius:	2 mm
cage material:	Brass
Bearing number	7028 BGM
Limiting speed	3400 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	3200 r/min
Outside Diameter	8.268 Inch 210 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	140MM Bore; 210MM Outside Diameter; 33MM 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 Name	SKF
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	210 mm
outer ring width:	33 mm
Weight / Kilogram	3.753
r _a max.	2 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	210
d _a min.	150 mm
D _b max.	204 mm
	200 mm

D ^a max.	
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Number of Bearings	1 (Single)
r_b max.	1 mm
Outer Diameter (mm)	140
internal clearance:	C0
Calculation factor A	0.263
Minimum Buy Quantity	N/A
Calculation factor e	1.14
$r_{3,4}$ min.	1 mm
$r_{1,2}$ min.	2 mm
Calculation factor X	0.57
d_a - min.	150 mm
Mounting Arrangement	Universal
D_a - max.	200 mm
r_a - max.	2 mm
D_b - max.	204 mm
r_b - max.	1 mm
D_1 ?	184.35 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	167.4 mm
d_2 ?	154.95 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7028 BGM
Basic dynamic load rating C	114 kN
radial static load capacity:	129 kN
Basic dynamic load	114 kN

rating - C	
radial dynamic load capacity:	114 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor Y_0	0.52
Calculation factor k_r	0.083
Fatigue load limit P_u	4.15 kN
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - k_r	0.083
Fatigue load limit - P_u	4.2 kN
Calculation factor - Y_0	0.26
Calculation factor - k_a	0.9
Basic static load rating C_0	129 kN
Basic static load rating - C_0	129 kN