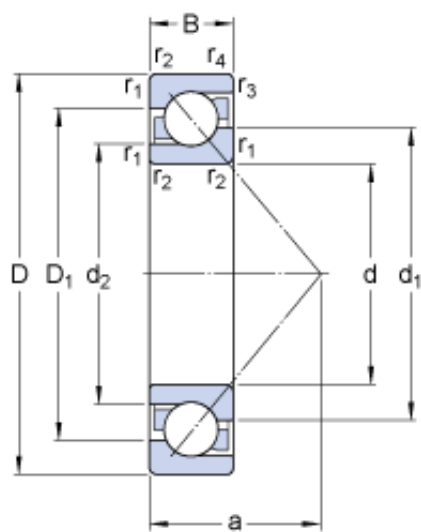




Bearing No. 7048 BGM

D	360 mm
d	240 mm
B	56 mm
a	154 mm
Bore	9.449 Inch 240 Millimeter
Noun	Bearing
Width	2.205 Inch 56 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	360x240x56
Width (mm)	56
Flush Ground	Yes
Mass bearing	19 kg
Contact Angle	40 Degree
Cage Material	Brass
Inch - Metric	Metric
D ₁	315.85 mm
d ₂	265.8 mm
d ₁	287.2 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7048 BGM
Limiting speed	1900 r/min
Precision Class	ABEC 1 ISO P0

Rolling Element	Ball Bearing
Reference speed	1800 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	14.173 Inch 360 Millimeter
Long Description	240MM Bore; 360MM 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);
Weight / Kilogram	18.741
Manufacturer Name	SKF
r_b max.	1.1 mm
Internal Clearance	C0-Medium
r_a max.	2.5 mm
D_b max.	353 mm
Bore Diameter (mm)	360
D_a max.	346 mm
d_a min.	254 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	240
d_a - min.	254 mm
D_a - max.	346 mm
Mounting Arrangement	Universal
r_a - max.	2.5 mm
D_b - max.	353 mm
$r_{1,2}$ min.	3 mm
r_b - max.	1.1 mm
Minimum Buy Quantity	N/A
Calculation factor A	2.23

Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.1 mm
d_1 ?	287.2 mm
d_2 ?	265.8 mm
D_1 ?	315.85 mm
$r_{1,2}$ - min.	3 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
$r_{3,4}$ - min.	1.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7048 BGM
Basic dynamic load rating C	260 kN
Basic dynamic load rating - C	260 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	9.15 kN
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Calculation factor - k_r	0.083
Fatigue load limit - P_u	9.2 kN
Calculation factor - k_a	0.9
Basic static load rating C_0	375 kN

Basic static load rating - C ₀	375 kN
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