



Bearing No. 7232 BGAM

D	290 mm
d	160 mm
B	48 mm
a	118 mm
Bore	6.299 Inch 160 Millimeter
Noun	Bearing
Width	1.89 Inch 48 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	290x160x48
Snap Ring	No
Width (mm)	48
Flush Ground	Yes
Mass bearing	14 kg
Contact Angle	40 Degree
Cage Material	Brass
Inch - Metric	Metric
D ₁	242.3 mm
d ₂	187.55 mm
d ₁	211.1 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7232 BGAM
Limiting speed	2600 r/min
Precision Class	ABEC 1 ISO P0

Rolling Element	Ball Bearing
Reference speed	2400 r/min
Manufacturer URL	http://www.skf.com
Long Description	160MM Bore; 290MM Outside Diameter; 48MM 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);
Outside Diameter	11.417 Inch 290 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	13.9
D _a max.	276 mm
Bore Diameter (mm)	290
Number of Bearings	1 (Single)
d _a min.	174 mm
Internal Clearance	C0-Medium
D _b max.	283 mm
r _a max.	2.5 mm
r _b max.	1 mm
Outer Diameter (mm)	160
Calculation factor A	1.48
Calculation factor X	0.57
d _a - min.	174 mm
Calculation factor e	1.14
D _a - max.	276 mm
Mounting Arrangement	Universal
D _b - max.	283 mm
Minimum Buy Quantity	N/A
r _a - max.	2.5 mm

r_b - max.	1 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
D_1 ?	242.3 mm
d_2 ?	187.55 mm
d_1 ?	211.1 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	3 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7232 BGAM
Basic dynamic load rating C	255 kN
Basic dynamic load rating - C	255 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	8.5 kN
Calculation factor k_r	0.08
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	8.5 kN
Calculation factor - k_r	0.08
Calculation factor - k_a	1.2
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	300 kN

Basic static load rating - C_0	300 kN
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