



7232 BGAM Bearing 2D drawings and 3D CAD models

160 mm x 290 mm x 48 mm SKF 7232 BGAM  
angular contact ball bearings

Bearing No. 7232 BGAM

Size	290x160x48 mm
Bore Diameter	290 mm
Outer Diameter	160 mm
Width	48 mm
d	160 mm
D	290 mm
B	48 mm
d <sub>1</sub>	211.1 mm
d <sub>2</sub>	187.55 mm
D <sub>1</sub>	242.3 mm
a	118 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	174 mm
D <sub>a</sub> - max.	276 mm
D <sub>b</sub> - max.	283 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	255 kN
Basic static load rating - C <sub>0</sub>	300 kN
Fatigue load limit - P <sub>u</sub>	8.5 kN
Reference speed	2400 r/min
Limiting speed	2600 r/min
Calculation factor - k <sub>r</sub>	0.08



## Timken Bearing Machinery TECHNOLOGY C...

Calculation factor - $k_a$	1.2
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	13.9
EAN	7316572290736
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal



## Timken Bearing Machinery TECHNOLOGY C...

Inch - Metric	Metric
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);
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7232 BGAM
Outside Diameter	11.417 Inch   290 Millimeter
Width	1.89 Inch   48 Millimeter
Bore	6.299 Inch   160 Millimeter
$d_1$	211.1 mm
$d_2$	187.55 mm
$D_1$	242.3 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	174 mm
$D_a$ max.	276 mm
$D_b$ max.	283 mm
$r_a$ max.	2.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	255 kN
Basic static load rating $C_0$	300 kN
Fatigue load limit $P_u$	8.5 kN
Calculation factor A	1.48
Calculation factor $k_r$	0.08



## Timken Bearing Machinery TECHNOLOGY C...

Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	14 kg