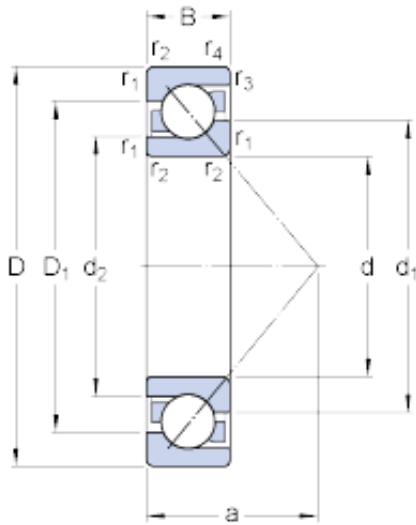




Changzhou SND bearing Co.,Ltd



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 ₁	211.1 mm
d ₂	187.55 mm
D ₁	242.3 mm
a	118 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
Reference speed	2400 r/min
Limiting speed	2600 r/min
Calculation factor - k _r	0.08



Changzhou SND bearing Co.,Ltd

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



Changzhou SND bearing Co.,Ltd

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	http://www.skf.com
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



Changzhou SND bearing Co.,Ltd

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