



Bearing No. 7328 BGAM

D	300 mm
d	140 mm
B	62 mm
a	123 mm
Bore	5.512 Inch 140 Millimeter
Noun	Bearing
Width	2.441 Inch 62 Millimeter
UNSPSC	31171531
weight:	47.4 lbs
series:	7300
Preload	Light
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	300x140x62
Inventory	0.0
bore type:	Round
Width (mm)	62
maximum rpm:	3000 rpm
Flush Ground	Yes
Mass bearing	21.5 kg
Contact Angle	40 Degree
Cage Material	Brass
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
D_1	242.55 mm
d_1	202.5 mm

d ₂	172.15 mm
Bearing number	7328 BGAM
bore diameter:	140 mm
cage material:	Brass
Limiting speed	2600 r/min
overall width:	62 mm
contact angle:	40 °
fillet radius:	4 mm
Keyword String	Angular Contact
finish/coating:	Uncoated
Reference speed	2600 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	140MM Bore; 300MM Outside Diameter; 62MM 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	11.811 Inch 300 Millimeter
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	300 mm
Weight / Kilogram	20.92
Manufacturer Name	SKF
Internal Clearance	C0-Medium
r _b max.	1.5 mm
r _a max.	3 mm
D _b max.	291 mm
D _a max.	283 mm

d _a min.	158 mm
Bore Diameter (mm)	300
Number of Bearings	1 (Single)
Outer Diameter (mm)	140
Mounting Arrangement	Universal
r _{3,4} min.	1.5 mm
D _a - max.	283 mm
r _b - max.	1.5 mm
D _b - max.	291 mm
r _a - max.	3 mm
Minimum Buy Quantity	N/A
Calculation factor A	2.14
Calculation factor e	1.14
r _{1,2} min.	4 mm
maximum temperature:	257 °F
Calculation factor X	0.57
d _a - min.	158 mm
d ₁ ?	202.5 mm
row type & fill slot:	Single-Row Non-Fill Slot
D ₁ ?	242.55 mm
d ₂ ?	172.15 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
r _{1,2} - min.	4 mm
r _{3,4} - min.	1.5 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7328 BGAM
manufacturer upc number:	7316571514048
manufacturer product page:	Click here

Basic dynamic load rating C	302 kN
radial static load capacity:	345 kN
radial dynamic load capacity:	302 kN
Basic dynamic load rating - C	302 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	9.8 kN
Calculation factor k_r	0.09
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - k_a	1.4
Calculation factor - k_r	0.09
Calculation factor - Y_0	0.26
Fatigue load limit - P_u	9.8 kN
Basic static load rating C_0	345 kN
Basic static load rating - C_0	345 kN