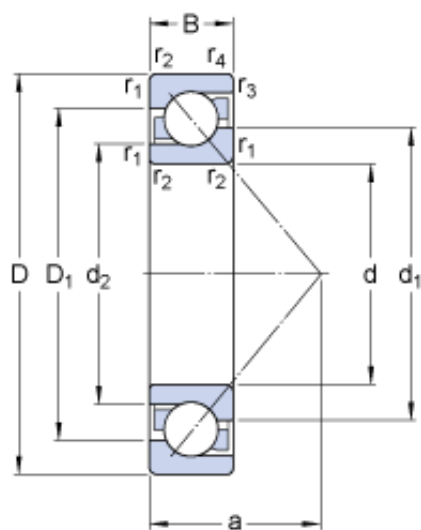




Bearing No. 7238 BCBM

a	139 mm
d	190 mm
D	340 mm
B	55 mm
Bore	7.48 Inch 190 Millimeter
Noun	Bearing
Width	2.165 Inch 55 Millimeter
UNSPSC	31171531
series:	72
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	340x190x55
Inventory	0.0
Width (mm)	55
maximum rpm:	2200 RPM
Flush Ground	Yes
Mass bearing	22 kg
Contact Angle	40 Degree
Cage Material	Brass
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
d ₂	224.1 mm
d ₁	250.4 mm
D ₁	285.4 mm
Other Features	Normal Axial Internal Clearance

fillet radius:	3 mm
contact angle:	40 °
overall width:	55 mm
cage material:	Brass
bore diameter:	190 mm
Keyword String	Angular Contact
Limiting speed	2200 r/min
Bearing number	7238 BCBM
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	2000 r/min
Long Description	190MM Bore; 340MM Outside Diameter; 55MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Brass Cage; 40 Degree; 1 (Single); Univer
Outside Diameter	13.386 Inch 340 Millimeter
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
Weight / Kilogram	22.127
outside diameter:	340 mm
Manufacturer Name	SKF
outer ring width:	55 mm
Number of Bearings	1 (Single)
r _a max.	3 mm
Bore Diameter (mm)	340
d _a min.	207 mm
D _a max.	323 mm

D_b max.	331 mm
r_b max.	1.5 mm
Internal Clearance	CB
Outer Diameter (mm)	190
internal clearance:	C0
Calculation factor A	2.63
r_b - max.	1.5 mm
Calculation factor e	1.14
$r_{3,4}$ min.	1.5 mm
$r_{1,2}$ min.	4 mm
Calculation factor X	0.57
Mounting Arrangement	Universal
Minimum Buy Quantity	N/A
r_a - max.	3 mm
D_a - max.	323 mm
D_b - max.	331 mm
d_a - min.	207 mm
d_2 ?	224.1 mm
D_1 ?	285.4 mm
d_1 ?	250.4 mm
row type & fill slot:	Single-Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	4 mm
$r_{3,4}$ - min.	1.5 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Number of Rows of Balls	Single Row
Manufacturer Item Number	7238 BCBM
Basic dynamic load rating C	307 kN
radial static load capacity:	405 kN

Basic dynamic load rating - C	307 kN
radial dynamic load capacity:	307 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor k_r	0.08
Fatigue load limit P_u	10.4 kN
Calculation factor - Y_0	0.26
Fatigue load limit - P_u	10.4 kN
Calculation factor - Y_1	
Calculation factor - k_r	0.08
Calculation factor - k_a	1.2
Calculation factor - Y_2	0.57
Basic static load rating C_0	405 kN
Basic static load rating - C_0	405 kN