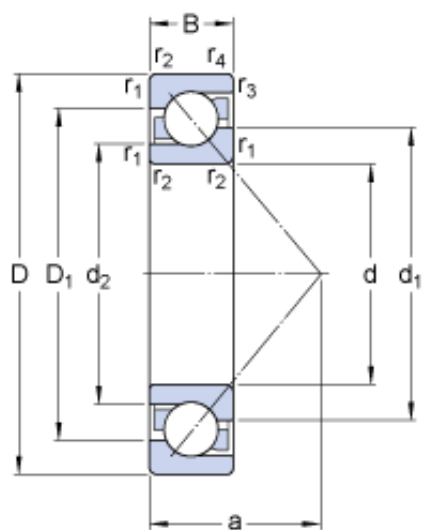




Bearing No. 7338 BCBM

a	164 mm
d	190 mm
D	400 mm
B	78 mm
Noun	Bearing
Bore	7.48 Inch 190 Millimeter
Width	3.071 Inch 78 Millimeter
UNSPSC	31171531
weight:	107 lbs
series:	7300
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	400x190x78
Enclosure	Open
bore type:	Round
Width (mm)	78
Flush Ground	Yes
Weight / LBS	106.433
Mass bearing	48.5 kg
maximum rpm:	2200 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	324.25 mm
d ₂	231.8 mm
d ₁	271.6 mm

closure type:	Open
bore diameter:	190 mm
cage material:	Brass
Keyword String	Angular Contact
contact angle:	40 °
fillet radius:	5 mm
overall width:	78 mm
Bearing number	7338 BCBM
Other Features	Normal Axial Internal Clearance
Limiting speed	2000 r/min
Precision Class	ABEC 3 ISO P6
Reference speed	1900 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outside Diameter	15.748 Inch 400 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	190MM Bore; 400MM Outside Diameter; 78MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Weight / Kilogram	53.325
outside diameter:	400 mm
bearing material:	Steel
Manufacturer Name	SKF
D _a max.	380 mm
Bore Diameter (mm)	400
d _a min.	210 mm
D _b max.	390 mm
r _a max.	4 mm

r_b max.	2 mm
Number of Bearings	1 (Single)
Internal Clearance	CB
Outer Diameter (mm)	190
D_b - max.	390 mm
$r_{3,4}$ min.	2 mm
$r_{1,2}$ min.	5 mm
Calculation factor A	6.5
Calculation factor e	1.14
Minimum Buy Quantity	N/A
Calculation factor X	0.57
D_a - max.	380 mm
d_a - min.	210 mm
r_a - max.	4 mm
maximum temperature:	257 °F
Mounting Arrangement	Universal
r_b - max.	2 mm
d_1 ?	271.6 mm
row type & fill slot:	Single-Row Non-Fill Slot
D_1 ?	324.25 mm
d_2 ?	231.8 mm
$r_{3,4}$ - min.	2 mm
$r_{1,2}$ - min.	5 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7338 BCBM
manufacturer upc number:	7316570270075
manufacturer product page:	Click here

Basic dynamic load rating C	442 kN
radial static load capacity:	600 kN
Basic dynamic load rating - C	442 kN
radial dynamic load capacity:	442 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.09
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor Y_0	0.52
Fatigue load limit P_u	14.6 kN
Calculation factor - Y_0	0.26
Fatigue load limit - P_u	14.6 kN
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - k_a	1.4
Calculation factor - k_r	0.09
Basic static load rating C_0	600 kN
Basic static load rating - C_0	600 kN