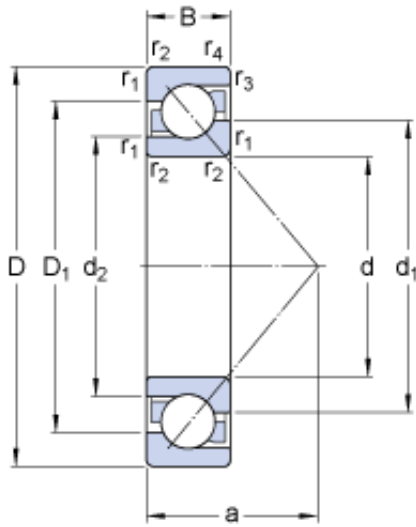




Sean-NTN Driveshaft CORP.



7338 BCBM Bearing 2D drawings and 3D CAD models

190 mm x 400 mm x 78 mm SKF 7338 BCBM
JAPAN Bearing 190*400*78

Bearing No. 7338 BCBM

Size	400x190x78 mm
Bore Diameter	400 mm
Outer Diameter	190 mm
Width	78 mm
d	190 mm
D	400 mm
B	78 mm
d ₁	271.6 mm
d ₂	231.8 mm
D ₁	324.25 mm
a	164 mm
r _{1,2} - min.	5 mm
r _{3,4} - min.	2 mm
d _a - min.	210 mm
D _a - max.	380 mm
D _b - max.	390 mm
r _a - max.	4 mm
r _b - max.	2 mm
Basic dynamic load rating - C	442 kN
Basic static load rating - C ₀	600 kN
Fatigue load limit - P _u	14.6 kN
Reference speed	1900 r/min
Limiting speed	2000 r/min
Calculation factor - k _r	0.09



Sean-NTN Driveshaft CORP.

Calculation factor - k_a	1.4
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	53.325
EAN	7316570270075
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



Sean-NTN Driveshaft CORP.

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
Other Features	Normal Axial Internal Clearance
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	7338 BCBM
Weight / LBS	106.433
Width	3.071 Inch 78 Millimeter
Bore	7.48 Inch 190 Millimeter
Outside Diameter	15.748 Inch 400 Millimeter
bore diameter:	190 mm
maximum temperature:	257 ° F
outside diameter:	400 mm
cage material:	Brass
overall width:	78 mm
maximum rpm:	2200 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	5 mm
bore type:	Round
series:	7300
closure type:	Open
weight:	107 lbs



Sean-NTN Driveshaft CORP.

bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	442 kN
manufacturer upc number:	7316570270075
radial static load capacity:	600 kN
d_1	271.6 mm
d_2	231.8 mm
D_1	324.25 mm
$r_{1,2}$ min.	5 mm
$r_{3,4}$ min.	2 mm
d_a min.	210 mm
D_a max.	380 mm
D_b max.	390 mm
r_a max.	4 mm
r_b max.	2 mm
Basic dynamic load rating C	442 kN
Basic static load rating C_0	600 kN
Fatigue load limit P_u	14.6 kN
Calculation factor A	6.5
Calculation factor k_r	0.09
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	48.5 kg