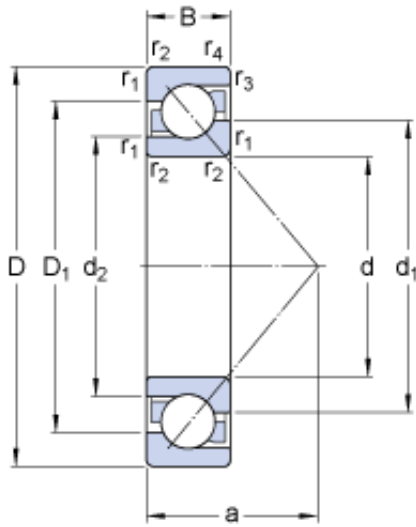




## Sean-NTN Driveshaft CORP.



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 <sub>1</sub>	271.6 mm
d <sub>2</sub>	231.8 mm
D <sub>1</sub>	324.25 mm
a	164 mm
r <sub>1,2</sub> - min.	5 mm
r <sub>3,4</sub> - min.	2 mm
d <sub>a</sub> - min.	210 mm
D <sub>a</sub> - max.	380 mm
D <sub>b</sub> - max.	390 mm
r <sub>a</sub> - max.	4 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	442 kN
Basic static load rating - C <sub>0</sub>	600 kN
Fatigue load limit - P <sub>u</sub>	14.6 kN
Reference speed	1900 r/min
Limiting speed	2000 r/min
Calculation factor - k <sub>r</sub>	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	<a href="http://www.skf.com">http://www.skf.com</a>
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:	<a href="#">Click here</a>
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