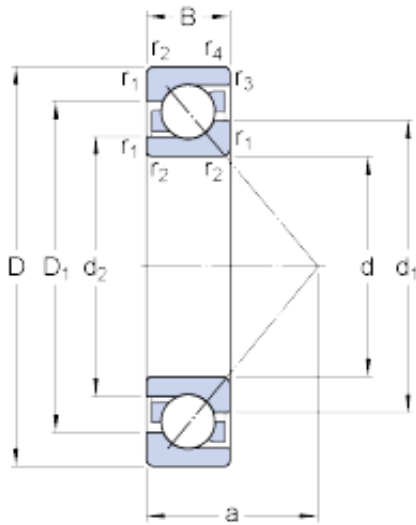




## BEARING de Mexico?S.A.



7308 BEGBP Bearing 2D drawings and 3D CAD models

40 mm x 90 mm x 23 mm SKF 7308 BEGBP  
Angular contact ball bearings

Bearing No. 7308 BEGBP

Size	90x40x23 mm
Bore Diameter	90 mm
Outer Diameter	40 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
d <sub>1</sub>	59.7 mm
d <sub>2</sub>	49.55 mm
D <sub>1</sub>	71.6 mm
a	39 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1 mm
d <sub>a</sub> - min.	49 mm
D <sub>a</sub> - max.	81 mm
D <sub>b</sub> - max.	84.4 mm
r <sub>a</sub> - max.	1.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	50 kN
Basic static load rating - C <sub>0</sub>	32.5 kN
Fatigue load limit - P <sub>u</sub>	1.4 kN
Reference speed	10000 r/min
Limiting speed	10000 r/min
Calculation factor - k <sub>r</sub>	0.1



## BEARING de Mexico?S.A.

Calculation factor - $k_a$	1.6
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	0.61
EAN	7316576634116
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	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal



## BEARING de Mexico?S.A.

Inch - Metric	Metric
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
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	7308 BEGBP
Weight / LBS	1.347
Width	0.906 Inch   23 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Bore	1.575 Inch   40 Millimeter
bore diameter:	40 mm
radial static load capacity:	32.5 kN
outside diameter:	90 mm
outer ring width:	23 mm
overall width:	23 mm
maximum rpm:	10000 RPM
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
precision rating:	Not Rated
internal clearance:	C0
fillet radius:	1.5 mm
closure type:	Open
series:	73



## BEARING de Mexico?S.A.

radial dynamic load capacity:	50 kN
$d_1$	59.7 mm
$d_2$	49.55 mm
$D_1$	71.6 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	49 mm
$D_a$ max.	81 mm
$D_b$ max.	84.4 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	50 kN
Basic static load rating $C_0$	32.5 kN
Fatigue load limit $P_u$	1.37 kN
Calculation factor A	0.0173
Calculation factor $k_r$	0.1
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	0.62 kg