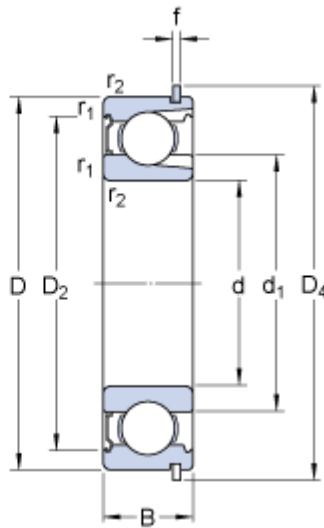
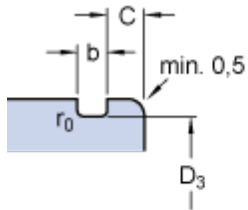




# BFO Bearing Factory



40 mm x 90 mm x 23 mm 40 mm x 90 mm x 23 mm SKF 308-ZNR deep groove ball bearings

Bearing No. 308-ZNR

308-ZNR Bearing 2D drawings and 3D CAD models

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>	56.11 mm
D <sub>2</sub>	77.7 mm
D <sub>3</sub>	86.79 mm
D <sub>4</sub>	96.5 mm
b	2.7 mm
C	3.28 mm
f	2.46 mm
r <sub>0</sub>	0.6 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	49 mm
d <sub>a</sub> - max.	56 mm
D <sub>a</sub> - max.	81 mm
D <sub>b</sub> - min.	98 mm
b <sub>a</sub> - min.	3 mm
C <sub>a</sub> - max.	5.74 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	45.7 kN



## BFO Bearing Factory

Basic static load rating - $C_0$	36 kN
Fatigue load limit - $P_u$	1.5 kN
Reference speed	14000 r/min
Limiting speed	8500 r/min
Calculation factor minimum radial load - $k_r$	0.05
Mass bearing	0.64 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.711
EAN	7316576680359
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; Yes Filling Slot; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



## BFO Bearing Factory

Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	308 ZNR
Weight / LBS	1.46
Outer Race Width	0.906 Inch   23 Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
bore diameter:	40 mm
static load capacity:	36 kN
outside diameter:	90 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	23 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	23 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1.5 mm
snap ring included:	With Snap Ring
maximum rpm:	8500 RPM
internal clearance:	C0
series:	30
dynamic load capacity:	45.7 kN
thrust application warning:	This product can not be used in Thrust Applications
$d_1$	56.11 mm
$D_2$	77.7 mm
$D_3$	86.79 mm
$D_4$	96.5 mm
$r_0$ max.	0.6 mm
$r_{1,2}$ min.	1.5 mm



## BFO Bearing Factory

$d_a$ min.	49 mm
$d_a$ max.	56 mm
$D_a$ max.	81 mm
$D_b$ min.	98 mm
$b_a$ min.	3 mm
$C_a$ max.	5.74 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	45.7 kN
Basic static load rating $C_0$	36 kN
Fatigue load limit $P_u$	1.53 kN
Calculation factor $k_r$	0.05
Snap ring	SP 90