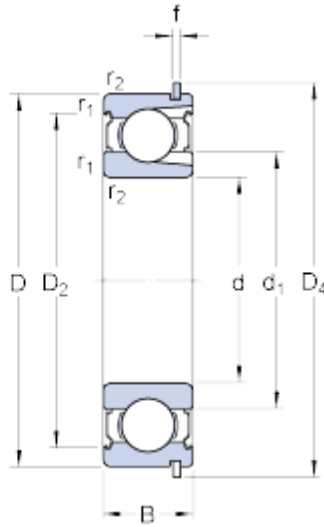
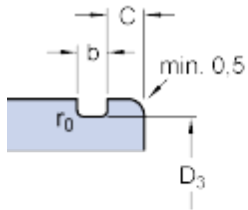




Timken BEARINGS INDUSTRY



40 mm x 90 mm x 23 mm SKF 308-2ZNR deep groove ball bearings

Bearing No. 308-2ZNR

308-2ZNR 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 ₁	56.11 mm
D ₂	77.7 mm
D ₃	86.79 mm
D ₄	96.5 mm
b	2.7 mm
C	3.28 mm
f	2.46 mm
r ₀	0.6 mm
r _{1,2} - min.	1.5 mm
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



Timken BEARINGS INDUSTRY

Basic static load rating - C_0	36 kN
Fatigue load limit - P_u	1.5 kN
Reference speed	14000 r/min
Limiting speed	6800 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	0.73
EAN	7316577292926
Product Group	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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



Timken BEARINGS INDUSTRY

Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	308 2ZNR
Weight / LBS	1.57
Outside Diameter	3.543 Inch 90 Millimeter
Bore	1.575 Inch 40 Millimeter
Outer Race Width	0.906 Inch 23 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:	Double Shielded
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



Timken BEARINGS INDUSTRY

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