



SKF 208-ZNR deep groove ball bearings

Bearing No. 208-ZNR

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

Size	40x80x18 mm
Bore Diameter	40 mm
Outer Diameter	80 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
C	18 mm
b	1,9 mm
d1	52,6 mm
f	1,7 mm
r0 max.	0,6 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
C	3,28 mm
D2	69,8 mm
D3	76,81 mm
D4	86,6 mm
ba min.	2,2 mm
Ca max.	4,98 mm
da min.	47 mm
da max	52,5 mm
Da max.	73 mm
Db min.	88 mm
ra max.	1 mm
Weight	0,39 Kg



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Basic dynamic load rating (C)	33,6 kN
Basic static load rating (C0)	27 kN
Fatigue load limit (Pu)	1,16
Reference speed	15000 r/min
Limiting speed	9500 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.417
EAN	7316577095763
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; 80MM Outside Diameter; 18MM 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
Noun	Bearing
Keyword String	Ball



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	208 ZNR
Weight / LBS	0.89
Bore	1.575 Inch 40 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
bore diameter:	40 mm
static load capacity:	27 kN
outside diameter:	80 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	18 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	With Snap Ring
maximum rpm:	9500 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	33.6 kN
thrust application warning:	This product can not be used in Thrust Applications
d_1	52.6 mm
D_2	69.8 mm
D_3	76.81 mm
D_4	86.6 mm
r_0 max.	0.6 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	47 mm



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d_a max.	52.5 mm
D_a max.	73 mm
D_b min.	88 mm
b_a min.	2.2 mm
C_a max.	4.98 mm
r_a max.	1 mm
Basic dynamic load rating C	33.6 kN
Basic static load rating C_0	27 kN
Fatigue load limit P_u	1.16 kN
Calculation factor k_r	0.04
Mass bearing	0.39 kg
Snap ring	SP 80