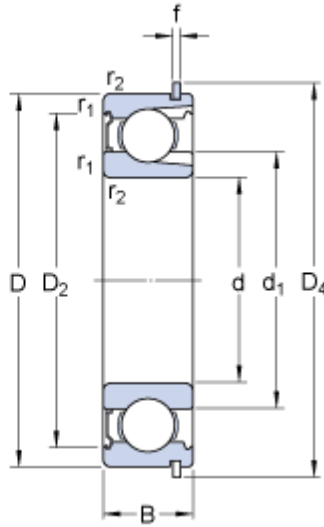
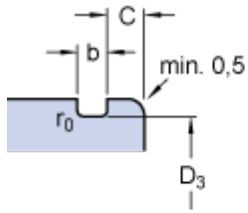




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80 mm x 140 mm x 26 mm SKF 216-ZNR deep groove ball bearings

Bearing No. 216-ZNR

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

Size	140x80x26 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	26 mm
d	80 mm
D	140 mm
B	26 mm
d ₁	95.83 mm
D ₂	126.5 mm
D ₃	135.23 mm
D ₄	149.7 mm
b	3.1 mm
C	4.9 mm
f	2.82 mm
r ₀	0.6 mm
r _{1,2} - min.	2 mm
d _a - min.	88.8 mm
d _a - max.	88.8 mm
D _a - max.	129 mm
D _b - min.	151 mm
b _a - min.	3.5 mm
C _a - max.	7.72 mm
r _a - max.	2 mm
Basic dynamic load rating - C	88 kN



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Basic static load rating - C_0	85 kN
Fatigue load limit - P_u	3.4 kN
Reference speed	8500 r/min
Limiting speed	5000 r/min
Calculation factor minimum radial load - k_r	0.04
Mass bearing	1.55 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.501
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	80MM Bore; 140MM Outside Diameter; 26MM 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



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Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	216 ZNR
Weight / LBS	3.3
Outside Diameter	5.512 Inch 140 Millimeter
Bore	3.15 Inch 80 Millimeter
Outer Race Width	1.024 Inch 26 Millimeter
bore diameter:	80 mm
static load capacity:	85 kN
outside diameter:	140 mm
precision rating:	ABEC 1 (ISO Class Normal)
overall width:	26 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	26 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	2 mm
snap ring included:	With Snap Ring
maximum rpm:	5000 RPM
internal clearance:	C0
series:	21
dynamic load capacity:	88 kN
thrust application warning:	This product can not be used in Thrust Applications
D ₂	126.5 mm
D ₃	135.23 mm
D ₄	149.7 mm
r ₀ max.	0.6 mm
r _{1,2} min.	2 mm
d _a min.	88.8 mm



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d_a max.	88.8 mm
D_a max.	129 mm
D_b min.	151 mm
b_a min.	3.5 mm
C_a max.	7.72 mm
r_a max.	2 mm
Basic dynamic load rating C	88 kN
Basic static load rating C_0	85 kN
Fatigue load limit P_u	3.45 kN
Calculation factor k_r	0.04
Snap ring	SP 140