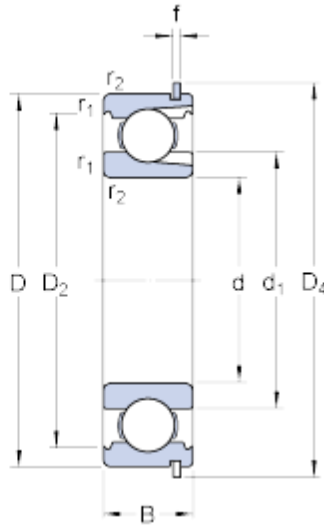
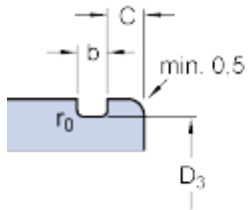




# BEARINGS(UK)LTD.



80 mm x 140 mm x 26 mm skf 216 NR Deep groove ball bearings

Bearing No. 216 NR

216 NR 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 <sub>1</sub>	95.83 mm
D <sub>2</sub>	126.5 mm
D <sub>3</sub>	135.23 mm
D <sub>4</sub>	149.7 mm
b	3.1 mm
C	4.9 mm
f	2.82 mm
r <sub>0</sub>	0.6 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	88.8 mm
D <sub>a</sub> - max.	129 mm
D <sub>b</sub> - min.	151 mm
b <sub>a</sub> - min.	3.5 mm
C <sub>a</sub> - max.	7.72 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	88 kN
Basic static load rating - C <sub>0</sub>	85 kN



## BEARINGS(UK)LTD.

Fatigue load limit - P <sub>u</sub>	3.4 kN
Reference speed	8500 r/min
Limiting speed	5000 r/min
Calculation factor minimum radial load - k <sub>r</sub>	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	1.61
EAN	7316576680076
Product Group	B00308
Enclosure	Open
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; Open; 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



## BEARINGS(UK)LTD.

Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	216 NR
Weight / LBS	3.54
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:	Open
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
$d_1$	95.83 mm
$D_2$	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



## BEARINGS(UK)LTD.

$d_a$ min.	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