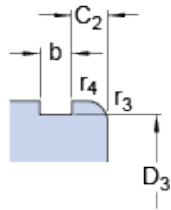
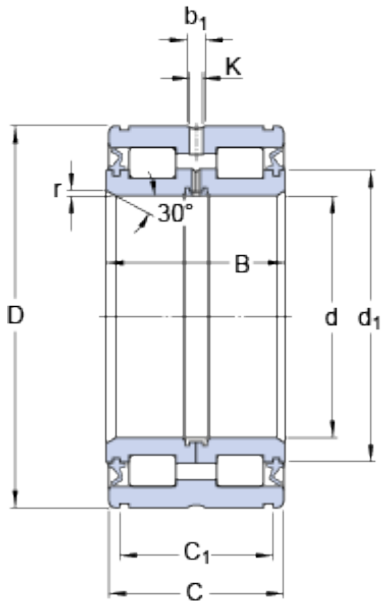




# RAD Power Machinery Co., Ltd.



## SKF NNF 5013 ADB-2LSV cylindrical roller bearings

Bearing No. NNF 5013 ADB-2LSV

NNF 5013 ADB-2LSV Bearing 2D drawings and 3D CAD models

Size	100x65x46 mm
Bore Diameter	100 mm
Outer Diameter	65 mm
Width	46 mm
d	65 mm
D	100 mm
B	46 mm
C	45 mm
d <sub>1</sub>	78.8 mm
D <sub>3</sub>	97.4 mm
C <sub>1</sub>	40.2 mm
Tolerance for distance C <sub>1</sub> - +	0.2 mm
C <sub>2</sub>	2.4 mm
b	3.2 mm
r - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	70 mm
d <sub>as</sub>	76.3 mm
C <sub>a1</sub>	35 mm
Ca applies for SW snap rings -	0.2 mm
C <sub>a2</sub>	34 mm
Ca applies for snap rings in accordance with DIN 471 -	0.2 mm



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$r_a$ - max.	0.6 mm
Basic dynamic load rating - C	138 kN
Basic static load rating - $C_0$	224 kN
Fatigue load limit - $P_u$	26.5 kN
Limiting speed	1300 r/min
Calculation factor - $k_r$	0.4
Mass bearing	1.33 kg
Snap ring Seeger	SW 100
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.336
EAN	7316572507773
Product Group	B04270
Bore Profile	Straight
Cage Material	None
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Double Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	Yes
Internal Clearance	C0-Medium
Retainer	No
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Full Complement   3 Rib Inner Ring   1 Rib Outer Ring   Seal on Both Sides
Long Description	65MM Bore; Straight Bore



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	Profile; 100MM Outside Diameter; 46MM Width; RBEC 1   ISO P0; Double Row; Not Separable; Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NNF 5013 ADB-2LSV
Weight / LBS	2.943
Outside Diameter	3.937 Inch   100 Millimeter
Width	1.811 Inch   46 Millimeter
Bore	2.559 Inch   65 Millimeter
bore diameter:	65 mm
static load capacity:	224 kN
outside diameter:	100 mm
precision rating:	Not Rated
overall width:	46 mm
maximum rpm:	1300 RPM
flanges:	Two-Piece Inner Ring
cage material:	No Cage
bore type:	Straight
finish/coating:	Uncoated
number of rows:	2
closure type:	Double Seal
internal clearance:	C0
outer ring width:	46 mm
ring separation:	Non-Separable
fillet radius:	0.6 mm
operating temperature	Maximum of +300 ° F



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range:	
series:	NNF50
dynamic load capacity:	138 kN
$d_1$	78.8 mm
$D_3$	97.4 mm
$C_1$	40.2 mm
+	0.2 mm
$C_2$	2.4 mm
$b_1$	9.5 mm
K	5 mm
r min.	1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	70 mm
$d_{as}$	76.3 mm
$C_{a1}$	35 mm
-	0.2 mm
$C_{a2}$	34 mm
-	0.2 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	138 kN
Basic static load rating $C_0$	224 kN
Fatigue load limit $P_u$	26.5 kN
Calculation factor $k_r$	0.4
Snap ring in accordance with DIN 471	100x3