



# NTN BEARING-SUDAMERICANA, S.A.



57.15 mm x 114.3 mm x 22.225 mm SKF RLS 18 deep groove ball bearings

Bearing No. RLS 18

RLS 18 Bearing 2D drawings and 3D CAD models

Size	114.3x57.15x22.225 mm
Bore Diameter	114,3 mm
Outer Diameter	57,15 mm
Width	22,225 mm
d	57.15 mm
D	114.3 mm
B	22.225 mm
d <sub>1</sub>	75.5 mm
D <sub>1</sub>	94.6 mm
r <sub>1,2</sub> - min.	2.4 mm
d <sub>a</sub> - min.	69 mm
D <sub>a</sub> - max.	101 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	52.7 kN
Basic static load rating - C <sub>0</sub>	36 kN
Fatigue load limit - P <sub>u</sub>	1.5 kN
Reference speed	13000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN BEARING-SUDAMERICANA, S.A.

Weight / Kilogram	1.01
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Inch
Long Description	2-1/4" Bore; 4-1/2" Outside Diameter; 7/8" Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No 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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	RLS 18
Weight / LBS	2.214
Bore	2.25 Inch   57.15 Millimeter
Outside Diameter	4.5 Inch   114.3 Millimeter
Outer Race Width	0.875 Inch   22.225 Millimeter
d <sub>1</sub>	75.5 mm
D <sub>1</sub>	94.6 mm
D <sub>2</sub>	81.5 mm
r <sub>1,2</sub> min.	2.4 mm



## NTN BEARING-SUDAMERICANA, S.A.

$d_a$ min.	69 mm
$D_a$ max.	101 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	52.7 kN
Basic static load rating $C_0$	36 kN
Fatigue load limit $P_u$	1.53 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.3
Mass bearing	0.97 kg