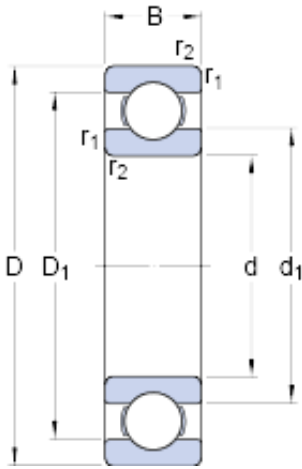




# NTN Bearing Rolamentos do Brasil Ltda.



57.15 mm x 127 mm x 31.75 mm skf RMS 18  
Deep groove ball bearings

Bearing No. RMS 18

RMS 18 Bearing 2D drawings and 3D CAD models

Size	127x57.15x31.75 mm
Bore Diameter	127 mm
Outer Diameter	57,15 mm
Width	31,75 mm
d	57.15 mm
D	127 mm
B	31.75 mm
d <sub>1</sub>	81.86 mm
D <sub>1</sub>	107.9 mm
r <sub>1,2</sub> - min.	3.2 mm
d <sub>a</sub> - min.	72 mm
D <sub>a</sub> - max.	118 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	81.9 kN
Basic static load rating - C <sub>0</sub>	52 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN Bearing Rolamentos do Brasil Ltda.

Weight / Kilogram	1.691
EAN	7316577018021
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; 5" Outside Diameter; 1-1/4" 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	RMS 18
Weight / LBS	3.725
Bore	2.25 Inch   57.15 Millimeter
Outside Diameter	5 Inch   127 Millimeter
Outer Race Width	1.25 Inch   31.75 Millimeter
d <sub>1</sub>	81.86 mm
D <sub>1</sub>	107.9 mm
r <sub>1,2</sub> min.	3.2 mm



## NTN Bearing Rolamentos do Brasil Ltda.

$d_a$ min.	72 mm
$D_a$ max.	118 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	81.9 kN
Basic static load rating $C_0$	52 kN
Fatigue load limit $P_u$	2.2 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.1
Mass bearing	1.68 kg