



# BEARING USA CORP.



## 65 mm x 100 mm x 18 mm SKF 6013 Deep ball bearings

Bearing No. 6013

6013 Bearing 2D drawings and 3D CAD models

Size	100x65x18 mm
Bore Diameter	100 mm
Outer Diameter	65 mm
Width	18 mm
d	65 mm
D	100 mm
B	18 mm
d <sub>1</sub>	76.3 mm
D <sub>2</sub>	91.5 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	71 mm
D <sub>a</sub> - max.	94 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	31.9 kN
Basic static load rating - C <sub>0</sub>	25 kN
Fatigue load limit - P <sub>u</sub>	1.1 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING USA CORP.

Weight / Kilogram	0.45
EAN	7316577612878
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	Metric
Long Description	65MM Bore; 100MM Outside Diameter; 18MM Outer Race Diameter; 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	6013
Weight / LBS	1
Bore	2.559 Inch   65 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
d <sub>1</sub>	76.3 mm
D <sub>2</sub>	91.5 mm
r <sub>1,2</sub> min.	1.1 mm



## BEARING USA CORP.

$d_a$ min.	71 mm
$D_a$ max.	94 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating $C_0$	25 kN
Fatigue load limit $P_u$	1.06 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.8
Mass bearing	0.44 kg