



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 ₁	76.3 mm
D ₂	91.5 mm
r _{1,2} - min.	1.1 mm
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	1.1 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	15.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.45
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	http://www.skf.com
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 ₁	76.3 mm
D ₂	91.5 mm
r _{1,2} min.	1.1 mm
d _a min.	71 mm



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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