



BEARING USA CORP.



65 mm x 100 mm x 18 mm BB1-3205 Deep Groove Ball Bearing 25x52x15mm

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