



BEARINGS(UK)LTD.



65 mm x 100 mm x 11 mm skf 16013 Deep groove ball bearings

Bearing No. 16013

16013 Bearing 2D drawings and 3D CAD models

Size	100x65x11 mm
Bore Diameter	100 mm
Outer Diameter	65 mm
Width	11 mm
d	65 mm
D	100 mm
B	11 mm
d ₁	76.5 mm
D ₁	88.35 mm
r _{1,2} - min.	0.6 mm
d _a - min.	68.2 mm
D _a - max.	96.8 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	22.5 kN
Basic static load rating - C ₀	19.6 kN
Fatigue load limit - P _u	0.83 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



BEARINGS(UK)LTD.

Weight / Kilogram	0.321
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; 11MM 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	16013
Weight / LBS	0.707
Bore	2.559 Inch 65 Millimeter
Outer Race Width	0.433 Inch 11 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	65 mm
static load capacity:	19.6 kN
outside diameter:	100 mm
precision rating:	Not Rated



BEARINGS(UK)LTD.

overall width:	11 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	16005 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	22.5 kN
d_1	76.5 mm
D_1	88.35 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	68.2 mm
D_a max.	96.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C_0	19.6 kN
Fatigue load limit P_u	0.83 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Mass bearing	0.3 kg