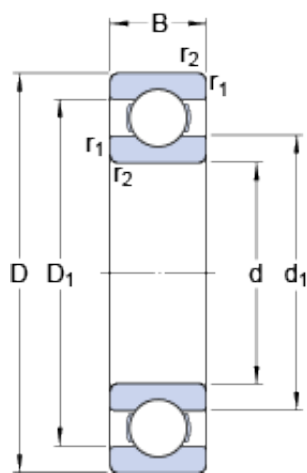




Bearing No. 16013

D	100 mm
d	65 mm
B	11 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	100x65x11
Snap Ring	No
Width (mm)	11
bore type:	Round
Weight / LBS	0.707
Mass bearing	0.3 kg
maximum rpm:	16005 RPM
closure type:	Open
D ₁	88.35 mm
d ₁	76.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	65 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	0.6 mm
overall width:	11 mm
Bearing number	16013

Limiting speed	9000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	14000 r/min
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.433 Inch 11 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	0.321
outer ring width:	11 mm
precision rating:	Not Rated
outside diameter:	100 mm
Internal Clearance	C0-Medium
D _a max.	96.8 mm
Bore Diameter (mm)	100
d _a min.	68.2 mm
r _a max.	0.6 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	65
Minimum Buy Quantity	N/A
r _a - max.	0.6 mm
D _a - max.	96.8 mm
d _a - min.	68.2 mm

$r_{1,2}$ min.	0.6 mm
static load capacity:	19.6 kN
d_1 ?	76.5 mm
D_1 ?	88.35 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	22.5 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
Manufacturer Item Number	16013
Internal Special Features	No
Basic dynamic load rating C	22.5 kN
Basic dynamic load rating - C	22.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.83 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.3
Fatigue load limit - P_u	0.83 kN
Calculation factor - k_r	0.02
Calculation factor - f_0	16.3
Basic static load rating C_0	19.6 kN
Basic static load rating - C_0	19.6 kN