



BEARING FORGE OF AMERICA CORP.



80 mm x 125 mm x 14 mm skf 16016 bearing

Bearing No. 16016

Size	125x80x14 mm
Bore Diameter	125 mm
Outer Diameter	80 mm
Width	14 mm
d	80 mm
D	125 mm
B	14 mm
d ₁	95.3 mm
D ₁	109.8 mm
r _{1,2} - min.	0.6 mm
d _a - min.	83.2 mm
D _a - max.	121 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	35.1 kN
Basic static load rating - C ₀	31.5 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	16.4
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.632

16016 Bearing 2D drawings and 3D CAD models



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EAN	7316577015952
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	80MM Bore; 125MM Outside Diameter; 14MM 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	16016
Weight / LBS	1.391
Outer Race Width	0.551 Inch 14 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Bore	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	31.5 kN
outside diameter:	125 mm
precision rating:	Not Rated



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overall width:	14 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	14 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	7000 RPM
internal clearance:	C0
series:	16
dynamic load capacity:	35.1 kN
d_1	95.3 mm
D_1	109.8 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	83.2 mm
D_a max.	121 mm
r_a max.	0.6 mm
Basic dynamic load rating C	35.1 kN
Basic static load rating C_0	31.5 kN
Fatigue load limit P_u	1.32 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.4
Mass bearing	0.61 kg