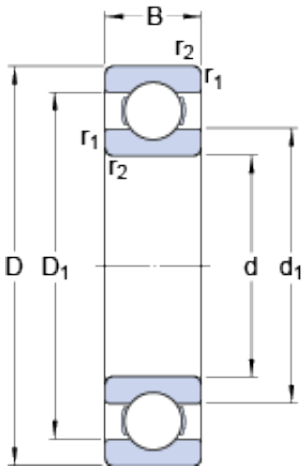




BEARING CORP.OF AMERICA



105 mm x 225 mm x 49 mm skf 6321 Deep groove ball bearings

Bearing No. 6321

6321 Bearing 2D drawings and 3D CAD models

Size	225x105x49 mm
Bore Diameter	225 mm
Outer Diameter	105 mm
Width	49 mm
d	105 mm
D	225 mm
B	49 mm
d ₁	141.5 mm
D ₁	187.95 mm
r _{1,2} - min.	3 mm
d _a - min.	119 mm
D _a - max.	211 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	182 kN
Basic static load rating - C ₀	153 kN
Fatigue load limit - P _u	5.1 kN
Reference speed	6300 r/min
Limiting speed	4000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	8.1
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	105MM Bore; 225MM Outside Diameter; 49MM 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	6321
Weight / LBS	17.83
Bore	4.134 Inch 105 Millimeter
Outside Diameter	8.858 Inch 225 Millimeter
Outer Race Width	1.929 Inch 49 Millimeter
bore diameter:	105 mm
static load capacity:	153 kN
outside diameter:	225 mm
precision rating:	ABEC 1 (ISO Class Normal)



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overall width:	49 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	49 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4000 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	182 kN
d_1	141.5 mm
D_1	187.95 mm
$r_{1,2}$ min.	3 mm
d_a min.	119 mm
D_a max.	211 mm
r_a max.	2.5 mm
Basic dynamic load rating C	182 kN
Basic static load rating C_0	153 kN
Fatigue load limit P_u	5.1 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	8.18 kg