



Bearing No. 6321

D	225 mm
d	105 mm
B	49 mm
Bore	4.134 Inch 105 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	225x105x49
Snap Ring	No
Width (mm)	49
bore type:	Round
Weight / LBS	17.83
Mass bearing	8.18 kg
maximum rpm:	4000 RPM
closure type:	Open
D ₁	187.95 mm
d ₁	141.5 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	105 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	49 mm
Bearing number	6321

Limiting speed	4000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	6300 r/min
Outer Race Width	1.929 Inch 49 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	8.858 Inch 225 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	8.1
outer ring width:	49 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	225 mm
Internal Clearance	C0-Medium
D _a max.	211 mm
Bore Diameter (mm)	225
d _a min.	119 mm
r _a max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	105
Minimum Buy Quantity	N/A
r _a - max.	2.5 mm
D _a - max.	211 mm

d_a - min.	119 mm
$r_{1,2}$ min.	3 mm
static load capacity:	153 kN
d_1 ?	141.5 mm
D_1 ?	187.95 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	182 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6321
Internal Special Features	No
Basic dynamic load rating C	182 kN
Basic dynamic load rating - C	182 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	5.1 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Fatigue load limit - P_u	5.1 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.2
Basic static load rating C_0	153 kN
Basic static load rating - C_0	153 kN