



Bearing No. 6320

D	215 mm
d	100 mm
B	47 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
UNSPSC	31171504
weight:	15.6 lbs
Category	Single Row Ball Bearing
Snap Ring	No
Enclosure	Open
Size (mm)	215x100x47
Inventory	0.0
Width (mm)	47
bore type:	Round
Mass bearing	7.08 kg
Weight / LBS	15.674
maximum rpm:	6700 rpm
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
D ₂	183,8 mm
closure type:	Open
d ₂	mm
d ₁	135,85 mm
Keyword String	Ball
bore diameter:	100 mm
cage material:	Steel
fillet radius:	3 mm
Other Features	Deep Groove

overall width:	47 mm
Bearing number	6320
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Reference speed	6700 r/min
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.85 Inch 47 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Manufacturer Name	SKF
Weight / Kilogram	7.116
outside diameter:	215 mm
bearing material:	Steel
d_a min.	114 mm
D_a max.	201 mm
Bore Diameter (mm)	215
Internal Clearance	C0-Medium
r_a max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	100
$r_{1,2}$ min.	3 mm

D_a - max.	201 mm
d_a - min.	114 mm
r_a - max.	2,5 mm
Minimum Buy Quantity	N/A
d_1 ?	135.85 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	140 kN
D_2 ?	183.8 mm
dynamic load capacity:	174 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6320
manufacturer upc number:	7316577044518
Internal Special Features	No
manufacturer product page:	Click here
Basic dynamic load rating C	174 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	174 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.75 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Calculation factor - k_r	0,03
Fatigue load limit - P_u	4,8 kN
Calculation factor - f_0	13,2
Basic static load rating	140 kN

C_0	
Basic static load rating - C_0	140 kN