



Bearing No. 6320 M/C3VL0241

D	215 mm
d	100 mm
B	47 mm
Noun	Bearing
Bore	3.937 Inch   100 Millimeter
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	215x100x47
Enclosure	Open
Inventory	0.0
Snap Ring	No
Width (mm)	47
bore type:	Round
Weight / LBS	19.274
Mass bearing	8.06 kg
maximum rpm:	4300 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Brass
D <sub>2</sub>	186 mm
closure type:	Open
d <sub>1</sub>	135.85 mm
Keyword String	Ball
bore diameter:	100 mm
cage material:	Brass
Other Features	Deep Groove   VL0241 Aluminum Oxide Coated External Surfaces
fillet radius:	2.5 mm

overall width:	47 mm
Bearing number	6320 M/C3VL0241
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
finish/coating:	Aluminum Oxide
Precision Class	ABEC 1   ISO P0
Reference speed	6700 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Outer Ring Internal Special Features; C3-Loose I
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	8.465 Inch   215 Millimeter
Outer Race Width	1.85 Inch   47 Millimeter
outside diameter:	215 mm
precision rating:	Not Rated
outer ring width:	47 mm
Manufacturer Name	SKF
Weight / Kilogram	8.75
d <sub>a</sub> min.	114 mm
D <sub>a</sub> min.	191 mm
D <sub>a</sub> max.	201 mm
Bore Diameter (mm)	215
Internal Clearance	C3-Loose
r <sub>a</sub> max.	2.5 mm
internal clearance:	C3
Outer Diameter (mm)	100

snap ring included:	Without Snap Ring
$d_a$ - min.	114 mm
resistance features:	Current-Insulating Coating
$r_{1,2}$ min.	3 mm
$r_a$ - max.	2.5 mm
$D_a$ - min.	191 mm
Minimum Buy Quantity	N/A
$D_a$ - max.	201 mm
static load capacity:	140 kN
$D_2$ ?	186 mm
$d_1$ ?	135.85 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	174 kN
Manufacturer Item Number	6320 M/C3VL0241
Internal Special Features	Electrical Insulation on Outer Ring
Basic dynamic load rating C	174 kN
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
Fatigue load limit - $P_u$	4.8 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13
Basic static load rating $C_0$	140 kN
Basic static load rating - $C_0$	140 kN

