



6320/C3vI0241 Bearing 2D drawings and 3D CAD models

## SKF Insocoat Bearings, Electrical Insulation Bearings 6320/C3vI0241 Insulated Bearing

Bearing No. 6320/C3vI0241

Size	215x100x47 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
d <sub>1</sub>	135.85 mm
D <sub>2</sub>	186 mm
d <sub>a</sub> - min.	114 mm
D <sub>a</sub> - min.	191 mm
D <sub>a</sub> - max.	201 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	174 kN
Basic static load rating - C <sub>0</sub>	140 kN
Fatigue load limit - P <sub>u</sub>	4.8 kN
Reference speed	6700 r/min
Limiting speed	4300 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## China 608zz Bearing Supplier

Weight / Kilogram	7.168
EAN	7316571664057
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	Electrical Insulation on Outer Ring
Cage Material	Steel
Internal Clearance	C3-Loose
Inch - Metric	Metric
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
Other Features	Deep Groove   VL0241 Aluminum Oxide Coated External Surfaces
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6320/C3VL0241
Weight / LBS	15.788
Outside Diameter	8.465 Inch   215 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	3.937 Inch   100 Millimeter



## China 608zz Bearing Supplier

Outer Race Width	1.85 Inch   47 Millimeter
bore diameter:	100 mm
static load capacity:	140 kN
outside diameter:	215 mm
precision rating:	Not Rated
overall width:	47 mm
finish/coating:	Aluminum Oxide
bore type:	Round
outer ring width:	47 mm
closure type:	Open
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4300 RPM
internal clearance:	C3
series:	63
dynamic load capacity:	174 kN
resistance features:	Current-Insulating Coating
$d_1$	135.85 mm
$D_2$	186 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	114 mm
$D_a$ min.	191 mm
$D_a$ max.	201 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	174 kN
Basic static load rating $C_0$	140 kN
Fatigue load limit $P_u$	4.75 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	7 kg