



Bearing No. 6330/C3VL2071

D	320 mm
d	150 mm
B	65 mm
Noun	Bearing
Bore	5.906 Inch 150 Millimeter
UNSPSC	31171504
weight:	50.5 lbs
Category	Single Row Ball Bearing
Size (mm)	320x150x65
Snap Ring	No
Enclosure	Open
Inventory	29.0
Width (mm)	65
bore type:	Round
maximum rpm:	4300 rpm
Weight / LBS	50.772
Mass bearing	23 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
D ₁	263.4 mm
d ₁	205.6 mm
bore diameter:	150 mm
Other Features	Deep Groove VL2071 INSOCOAT Bearing with Coated Inner Ring
Bearing number	6330/C3VL2071
overall width:	65 mm
cage material:	Steel

fillet radius:	4 mm
Limiting speed	2800 r/min
Keyword String	Ball
finish/coating:	Uncoated
Reference speed	4300 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	2.559 Inch 65 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	12.598 Inch 320 Millimeter
Long Description	150MM Bore; 320MM Outside Diameter; 65MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Inner Ring Internal Special Features; C3-Loose I
Weight / Kilogram	23.05
outside diameter:	320 mm
bearing material:	Steel
Manufacturer Name	SKF
Bore Diameter (mm)	320
Internal Clearance	C3-Loose
r _a max.	3 mm
D _a max.	303 mm
d _a max.	200 mm
d _a min.	167 mm
internal clearance:	C3
snap ring included:	Without Snap Ring

Outer Diameter (mm)	150
$r_{1,2}$ min.	4 mm
Minimum Buy Quantity	N/A
r_a - max.	3 mm
D_a - max.	303 mm
d_a - min.	167 mm
d_a - max.	200 mm
D_1 ?	263.4 mm
d_1 ?	205.6 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	285 kN
dynamic load capacity:	276 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	4 mm
manufacturer upc number:	7316572206775
Manufacturer Item Number	6330/C3VL2071
Internal Special Features	Electrical Insulation on Inner Ring
manufacturer product page:	Click here
Basic dynamic load rating C	276 kN
operating temperature range:	-40 to 212 °F °F
Basic dynamic load rating - C	276 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	7.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.9
Calculation factor - k_r	0.03

Calculation factor - f_0	14
Fatigue load limit - P_u	7.8 kN
Basic static load rating C_0	285 kN
Basic static load rating - C_0	285 kN