



**Bearing No. 6324/C3VL2071**

D	260 mm
d	120 mm
B	55 mm
Bore	4.724 Inch   120 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Size (mm)	260x120x55
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	55
bore type:	Round
maximum rpm:	3400 RPM
Weight / LBS	12.5
Mass bearing	12.5 kg
D <sub>1</sub>	214.7 mm
Cage Material	Steel
closure type:	Open
d <sub>1</sub>	164.6 mm
Inch - Metric	Metric
Product Group	B00308
fillet radius:	2.5 mm
overall width:	55 mm
bore diameter:	120 mm
Keyword String	Ball
Other Features	Deep Groove   VL2071 INSOCOAT Bearing with Coated Inner Ring

Bearing number	6324/C3VL2071
Limiting speed	3400 r/min
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
finish/coating:	Aluminum Oxide
Reference speed	5600 r/min
Outside Diameter	10.236 Inch   260 Millimeter
Long Description	120MM Bore; 260MM Outside Diameter; 55MM 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
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	2.165 Inch   55 Millimeter
outer ring width:	55 mm
Weight / Kilogram	12.461
precision rating:	Not Rated
outside diameter:	260 mm
Manufacturer Name	SKF
Bore Diameter (mm)	260
d <sub>a</sub> min.	134 mm
d <sub>a</sub> max.	158 mm
D <sub>a</sub> max.	246 mm
Internal Clearance	C3-Loose
r <sub>a</sub> max.	2.5 mm
internal clearance:	C3
snap ring included:	Without Snap Ring

Outer Diameter (mm)	120
$d_a$ - min.	134 mm
$r_{1,2}$ min.	3 mm
$d_a$ - max.	158 mm
Minimum Buy Quantity	N/A
resistance features:	Current-Insulating Coating
$r_a$ - max.	2.5 mm
$D_a$ - max.	246 mm
$D_1$ ?	214.7 mm
$d_1$ ?	164.6 mm
static load capacity:	186 kN
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	208 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6324/C3VL2071
Internal Special Features	Electrical Insulation on Inner Ring
Basic dynamic load rating C	208 kN
Basic dynamic load rating - C	208 kN
Maximum Capacity / Filling Slot	No
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.5
Fatigue load limit $P_u$	5.7 kN
Fatigue load limit - $P_u$	5.7 kN
Calculation factor - $f_0$	14
Calculation factor - $k_r$	0.03
Basic static load rating $C_0$	186 kN
Basic static load rating -	186 kN

C <sub>0</sub>	
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