



**Bearing No. 6312-2Z/VA208**

D	130 mm
d	60 mm
B	31 mm
Bore	2.362 Inch   60 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	130x60x31
Enclosure	2 Metal Shields
bore type:	Round
Width (mm)	31
maximum rpm:	40 RPM
Weight / LBS	1.8
Mass bearing	1.78 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Graphite
closure type:	Double Shielded
D <sub>2</sub>	112.2 mm
d <sub>1</sub>	81.86 mm
Keyword String	Ball
bore diameter:	60 mm
cage material:	Graphite
fillet radius:	2.1 mm
Other Features	Deep Groove   Extreme Temperature Variant

overall width:	31 mm
Bearing number	6312-2Z/VA208
Limiting speed	40 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Segmented Cage Internal Special Features; C0-Medium Internal Cl
Manufacturer Name	SKF
outer ring width:	31 mm
Weight / Kilogram	1.737
precision rating:	Not Rated
outside diameter:	130 mm
D <sub>a</sub> max.	118 mm
Bore Diameter (mm)	130
d <sub>a</sub> min.	72 mm
r <sub>a</sub> max.	2 mm
Internal Clearance	C0-Medium
d <sub>a</sub> max.	81.8 mm
internal clearance:	C0
Outer Diameter (mm)	60
	72 mm

da - min.

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$D_a$ - max.	118 mm
$d_a$ - max.	81.8 mm
$r_a$ - max.	2 mm
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
resistance features:	Corrosion Resistant, Extreme Temperature
$D_2$ ?	112.2 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	52 kN
$d_1$ ?	81.86 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6312-2Z/VA208
Limiting temperature - T	350 °C
Internal Special Features	Segmented Cage
Basic dynamic load rating C	85.2 kN
Limiting temperature T max.	350 °C
operating temperature range:	-240 to +660 °F
Basic dynamic load rating - C	85.2 kN
Maximum Capacity / Filling Slot	No
Basic static load rating $C_0$	52 kN
Basic static load rating - $C_0$	52 kN