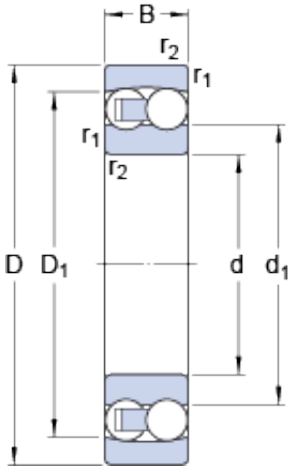




# SNR BEARING CORP.OF CANADA LTD.



70 mm x 150 mm x 51 mm SKF 2314 self aligning ball bearings

Bearing No. 2314

2314 Bearing 2D drawings and 3D CAD models

Size	150x70x51 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	51 mm
d	70 mm
D	150 mm
B	51 mm
d <sub>1</sub>	92 mm
D <sub>1</sub>	128.1 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	82 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C <sub>0</sub>	37.5 kN
Fatigue load limit - P <sub>u</sub>	1.9 kN
Reference speed	8000 r/min
Limiting speed	6000 r/min
Calculation factor - k <sub>r</sub>	0.05
Calculation factor - e	0.37
Calculation factor - Y <sub>0</sub>	1.8
Calculation factor - Y <sub>1</sub>	1.7
Calculation factor - Y <sub>2</sub>	2.6



## SNR BEARING CORP.OF CANADA LTD.

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.027
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	70MM Bore; Shaft Mount; 150MM Outside Diameter; 51MM Inner Race Width; 51MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	2314
Weight / LBS	8.869
Inner Race Width	2.008 Inch   51 Millimeter
Outer Race Width	2.008 Inch   51 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter



## SNR BEARING CORP.OF CANADA LTD.

Bore	2.756 Inch   70 Millimeter
bore diameter:	70 mm
precision rating:	Not Rated
outside diameter:	150 mm
maximum rpm:	6000 RPM
overall width:	51 mm
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	51 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	111 kN
series:	2300
static load capacity:	37.5 kN
$d_1$	92 mm
$D_1$	128.1 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	82 mm
$D_a$ max.	138 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	37.5 kN
Fatigue load limit $P_u$	1.86 kN
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.05
Calculation factor e	0.37
Calculation factor $Y_0$	1.8
Calculation factor $Y_1$	1.7
Calculation factor $Y_2$	2.6
Mass bearing	3.9 kg



**SNR BEARING CORP.OF CANADA LTD.**