



# SNR Bearing Argentina



1320 K Bearing 2D drawings and 3D CAD models

## 100 mm x 215 mm x 47 mm SKF 1320 K Self Aligning Ball Bearings

Bearing No. 1320 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	8.06
EAN	7316576605680
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-320
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   1:12 Taper
Long Description	100MM Bore; Tapered Adapter Mount; 215MM Outside Diameter; 47MM Inner Race Width; 47MM 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



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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	1320 K
Weight / LBS	17.747
Outer Race Width	1.85 Inch   47 Millimeter
d	3.937 Inch   100 Millimeter
Inner Race Width	1.85 Inch   47 Millimeter
D	8.465 Inch   215 Millimeter
bore diameter:	100 mm
static load capacity:	57 kN
outside diameter:	215 mm
precision rating:	Not Rated
overall width:	47 mm
maximum rpm:	4000 RPM
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
outer ring width:	47 mm
internal clearance:	C0
fillet radius:	3 mm
dynamic load capacity:	143 kN
series:	1300
d	100 mm
D	215 mm
B	47 mm
d <sub>1</sub>	136 mm
D <sub>1</sub>	181.9 mm
C <sub>1</sub>	2.469 mm
r <sub>1,2</sub> min.	3 mm
D <sub>a</sub> max.	201 mm



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$r_a$ max.	3 mm
Basic dynamic load rating C	143 kN
Basic static load rating $C_0$	57 kN
Fatigue load limit $P_u$	2.36 kN
Reference speed	6000 r/min
Limiting speed	4000 r/min
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.045
Calculation factor e	0.23
Calculation factor $Y_0$	2.8
Calculation factor $Y_1$	2.7
Calculation factor $Y_2$	4.2
Mass bearing	8.05 kg