



## SNR Bearing Argentina



2202 ETN9 Bearing 2D drawings and 3D CAD models

### 15 mm x 35 mm x 14 mm SKF 2202 ETN9 Self Aligning Ball Bearings

Bearing No. 2202 ETN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.062
EAN	7316576624995
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg   High Capacity Design
Long Description	15MM Bore; Shaft Mount; 35MM Outside Diameter; 14MM Inner Race Width; 14MM Outer Race Width; Open; Polyamide 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



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Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	2202 ETN9
Weight / LBS	0.132
d	0.591 Inch   15 Millimeter
D	1.378 Inch   35 Millimeter
Inner Race Width	0.551 Inch   14 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
bore diameter:	15 mm
precision rating:	Not Rated
outside diameter:	35 mm
maximum rpm:	26000 RPM
overall width:	14 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	14 mm
dynamic load capacity:	8.71 kN
fillet radius:	0.6 mm
static load capacity:	2.04 kN
series:	2200
d	15 mm
D	35 mm
B	14 mm
d <sub>1</sub>	20.86 mm
D <sub>1</sub>	29.5 mm
r <sub>1,2</sub> min.	0.6 mm
d <sub>a</sub> min.	19.2 mm
D <sub>a</sub> max.	30.8 mm



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$r_a$ max.	0.6 mm
Basic dynamic load rating C	8.71 kN
Basic static load rating $C_0$	2.04 kN
Fatigue load limit $P_u$	0.11 kN
Reference speed	38000 r/min
Limiting speed	26000 r/min
Permissible angular misalignment	2.5 °
Calculation factor $k_r$	0.045
Calculation factor e	0.43
Calculation factor $Y_0$	1.6
Calculation factor $Y_1$	1.5
Calculation factor $Y_2$	2.3
Mass bearing	0.06 kg