



# BEARING ITALIA S.P.A

60 mm x 110 mm x 62 mm skf 11212 TN9 Self-aligning ball bearings



11212 TN9 Bearing 2D drawings and 3D CAD models

Bearing No. 11212 TN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.45
EAN	7316571229560
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   Extended Inner Ring
Long Description	60MM Bore; Shaft Mount; 110MM Outside Diameter; 62MM Inner Race Width; 22MM 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	11212 TN9
Inner Race Width	2.441 Inch   62 Millimeter
d	2.362 Inch   60 Millimeter
Outer Race Width	0.866 Inch   22 Millimeter
D	4.331 Inch   110 Millimeter
d	60 mm
D	110 mm
B	62 mm
C	22 mm
d <sub>1</sub>	78 mm
D <sub>1</sub>	95.6 mm
r <sub>1,2</sub> min.	1.5 mm
D <sub>a</sub> max.	101 mm
r <sub>a</sub> max.	1.5 mm
Basic dynamic load rating C	31.2 kN
Basic static load rating C <sub>0</sub>	12.2 kN
Fatigue load limit P <sub>u</sub>	0.62 kN
Reference speed	9000 r/min
Limiting speed	3400 r/min
Permissible angular misalignment	2.5 °
Calculation factor k <sub>r</sub>	0.04
Calculation factor e	0.19
Calculation factor Y <sub>0</sub>	3.6
Calculation factor Y <sub>1</sub>	3.3
Calculation factor Y <sub>2</sub>	5.1
Mass bearing	1.15 kg