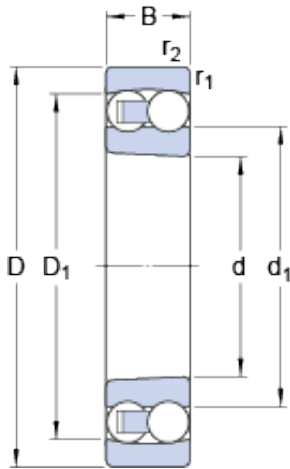




# Toyana BEARING CO.LTD



## 60 mm x 110 mm x 28 mm SKF 2212 EKTN9 Rodamientos De Bolas Autoalineables

Bearing No. 2212 EKTN9

2212 EKTN9 Bearing 2D drawings and 3D CAD models

Size	110x60x28 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	28 mm
d	60 mm
D	110 mm
B	28 mm
d <sub>1</sub>	74.45 mm
D <sub>1</sub>	96.9 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	48.8 kN
Basic static load rating - C <sub>0</sub>	17 kN
Fatigue load limit - P <sub>u</sub>	0.88 kN
Reference speed	11000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.045
Calculation factor - e	0.24
Calculation factor - Y <sub>0</sub>	2.8
Calculation factor - Y <sub>1</sub>	2.6
Calculation factor - Y <sub>2</sub>	4.1
Category	Self Aligning Ball Bearings



## Toyana BEARING CO.LTD

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.05
EAN	7316577032492
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-312
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   1:12 Taper
Long Description	60MM Bore; Tapered Adapter Mount; 110MM Outside Diameter; 28MM Inner Race Width; 28MM 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
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	2212 EKTN9
Weight / LBS	2.315
Bore	2.362 Inch   60 Millimeter



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Outside Diameter	4.331 Inch   110 Millimeter
Inner Race Width	1.102 Inch   28 Millimeter
Outer Race Width	1.102 Inch   28 Millimeter
bore diameter:	60 mm
precision rating:	Not Rated
outside diameter:	110 mm
maximum rpm:	8000 RPM
overall width:	28 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C3
outer ring width:	28 mm
dynamic load capacity:	48.8 kN
fillet radius:	1.1 mm
static load capacity:	17 kN
series:	2200
$d_1$	74.45 mm
$D_1$	96.9 mm
$r_{1,2}$ min.	1.5 mm
$D_a$ max.	101 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	48.8 kN
Basic static load rating $C_0$	17 kN
Fatigue load limit $P_u$	0.88 kN
Permissible angular misalignment	2.5 °
Calculation factor $k_r$	0.045
Calculation factor e	0.24
Calculation factor $Y_0$	2.8
Calculation factor $Y_1$	2.6



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Calculation factor $Y_2$	4.1
Mass bearing	1.05 kg