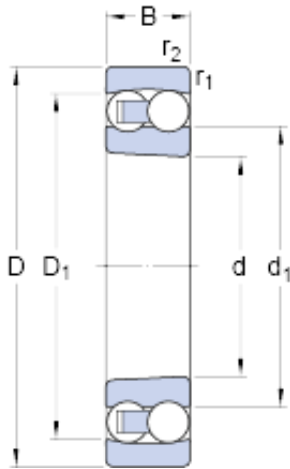




# MianKang Bearing Co., Ltd.



## skf 2211 ektn9 bearing

Bearing No. 2211 ektn9

2211 ektn9 Bearing 2D drawings and 3D CAD models

Size	100x55x25 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	25 mm
d	55 mm
D	100 mm
B	25 mm
d <sub>1</sub>	67.71 mm
D <sub>1</sub>	87.8 mm
r <sub>1,2</sub> - min.	1.5 mm
D <sub>a</sub> - max.	91 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	39 kN
Basic static load rating - C <sub>0</sub>	13.4 kN
Fatigue load limit - P <sub>u</sub>	0.7 kN
Reference speed	12000 r/min
Limiting speed	8500 r/min
Calculation factor - k <sub>r</sub>	0.045
Calculation factor - e	0.23
Calculation factor - Y <sub>0</sub>	2.8
Calculation factor - Y <sub>1</sub>	2.7
Calculation factor - Y <sub>2</sub>	4.2
Category	Self Aligning Ball Bearings
Inventory	0.0



## MianKang Bearing Co., Ltd.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.81
EAN	7316576620607
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-311
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	55MM Bore; Tapered Adapter Mount; 100MM Outside Diameter; 25MM Inner Race Width; 25MM 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	2211 EKTN9
Weight / LBS	1.786
Inner Race Width	0.984 Inch   25 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter



## MianKang Bearing Co., Ltd.

Bore	2.165 Inch   55 Millimeter
Outer Race Width	0.984 Inch   25 Millimeter
bore diameter:	55 mm
precision rating:	Not Rated
outside diameter:	100 mm
maximum rpm:	8500 RPM
overall width:	25 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:	25 mm
dynamic load capacity:	39 kN
fillet radius:	1.1 mm
static load capacity:	13.4 kN
series:	2200
$d_1$	67.71 mm
$D_1$	87.8 mm
$r_{1,2}$ min.	1.5 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	39 kN
Basic static load rating $C_0$	13.4 kN
Fatigue load limit $P_u$	0.7 kN
Permissible angular misalignment	2.5 °
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



## MianKang Bearing Co., Ltd.

Mass bearing	0.81 kg
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