



MianKang Bearing Co., Ltd.



1211 ektn9 Bearing 2D drawings and 3D CAD models

skf 1211 ektn9 bearing

Bearing No. 1211 ektn9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.71
EAN	7316576623509
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-211
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; 21MM Inner Race Width; 21MM 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



MianKang Bearing Co., Ltd.

Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1211 EKTN9
Weight / LBS	1.565
Inner Race Width	0.827 Inch 21 Millimeter
D	3.937 Inch 100 Millimeter
d	2.165 Inch 55 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
bore diameter:	55 mm
precision rating:	Not Rated
outside diameter:	100 mm
maximum rpm:	9000 RPM
overall width:	21 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	21 mm
dynamic load capacity:	27.6 kN
fillet radius:	1.5 mm
static load capacity:	10.6 kN
series:	1200
d	55 mm
D	100 mm
B	21 mm
d ₁	70.3 mm
D ₁	86.5 mm
r _{1,2} min.	1.5 mm



MianKang Bearing Co., Ltd.

D_a max.	91 mm
r_a max.	1.5 mm
Basic dynamic load rating C	27.6 kN
Basic static load rating C_0	10.6 kN
Fatigue load limit P_u	0.54 kN
Reference speed	14000 r/min
Limiting speed	9000 r/min
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.19
Calculation factor Y_0	3.6
Calculation factor Y_1	3.3
Calculation factor Y_2	5.1
Mass bearing	0.71 kg