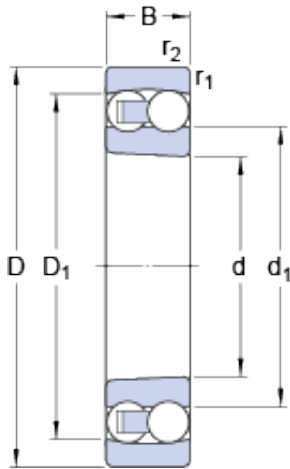




BROWNING BEARING COMPANY



55 mm x 100 mm x 25 mm 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 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
Reference speed	12000 r/min
Limiting speed	8500 r/min
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
Category	Self Aligning Ball Bearings



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Inventory	0.0
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	http://www.skf.com
Manufacturer Item Number	2211 EKTN9
Weight / LBS	1.786
Inner Race Width	0.984 Inch 25 Millimeter



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Outside Diameter	3.937 Inch 100 Millimeter
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



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Calculation factor Y_2	4.2
Mass bearing	0.81 kg