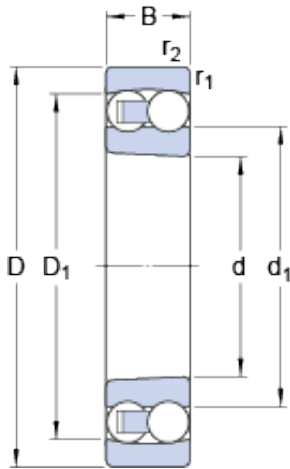




NTN DRIVESHAFT ANDERSON, INC.



60 mm x 110 mm x 22 mm SKF 1212 EKTN9
self aligning ball bearings

Bearing No. 1212 EKTN9

1212 EKTN9 Bearing 2D drawings and 3D CAD models

Size	110x60x22 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	22 mm
d	60 mm
D	110 mm
B	22 mm
d ₁	78 mm
D ₁	95.6 mm
r _{1,2} - min.	1.5 mm
D _a - max.	101 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	31.2 kN
Basic static load rating - C ₀	12.2 kN
Fatigue load limit - P _u	0.62 kN
Reference speed	12000 r/min
Limiting speed	8500 r/min
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
Category	Self Aligning Ball Bearings



NTN DRIVESHAFT ANDERSON, INC.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.9
EAN	7316576625268
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-212
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; 22MM 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
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1212 EKTN9
Weight / LBS	1.984
Bore	2.362 Inch 60 Millimeter



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Outside Diameter	4.331 Inch 110 Millimeter
Inner Race Width	0.866 Inch 22 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
bore diameter:	60 mm
precision rating:	Not Rated
outside diameter:	110 mm
maximum rpm:	8500 RPM
overall width:	22 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:	22 mm
dynamic load capacity:	31.2 kN
fillet radius:	1.5 mm
static load capacity:	12.2 kN
series:	1200
d_1	78 mm
D_1	95.6 mm
$r_{1,2}$ min.	1.5 mm
D_a max.	101 mm
r_a max.	1.5 mm
Basic dynamic load rating C	31.2 kN
Basic static load rating C_0	12.2 kN
Fatigue load limit P_u	0.62 kN
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



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Calculation factor Y_2	5.1
Mass bearing	0.9 kg