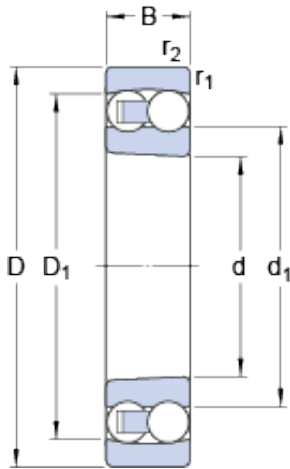




# NTN DRIVESHAFT ANDERSON, INC.



## 65 mm x 120 mm x 23 mm SKF 1213 EKTN9 self aligning ball bearings

Bearing No. 1213 EKTN9

1213 EKTN9 Bearing 2D drawings and 3D CAD models

Size	120x65x23 mm
Bore Diameter	120 mm
Outer Diameter	65 mm
Width	23 mm
d	65 mm
D	120 mm
B	23 mm
d <sub>1</sub>	85.1 mm
D <sub>1</sub>	104 mm
r <sub>1,2</sub> - min.	1.5 mm
D <sub>a</sub> - max.	111 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	35.1 kN
Basic static load rating - C <sub>0</sub>	14 kN
Fatigue load limit - P <sub>u</sub>	0.72 kN
Reference speed	11000 r/min
Limiting speed	7000 r/min
Calculation factor - k <sub>r</sub>	0.04
Calculation factor - e	0.18
Calculation factor - Y <sub>0</sub>	3.6
Calculation factor - Y <sub>1</sub>	3.5
Calculation factor - Y <sub>2</sub>	5.4
Category	Self Aligning Ball Bearings



## NTN DRIVESHAFT ANDERSON, INC.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.1
EAN	7316576625022
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-213
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	65MM Bore; Tapered Adapter Mount; 120MM Outside Diameter; 23MM Inner Race Width; 23MM 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	1213 EKTN9
Weight / LBS	2.425
Inner Race Width	0.906 Inch   23 Millimeter



## NTN DRIVESHAFT ANDERSON, INC.

Outside Diameter	4.724 Inch   120 Millimeter
Bore	2.559 Inch   65 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
bore diameter:	65 mm
precision rating:	Not Rated
outside diameter:	120 mm
maximum rpm:	7000 RPM
overall width:	23 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:	23 mm
dynamic load capacity:	35.1 kN
fillet radius:	1.5 mm
static load capacity:	14 kN
series:	1200
$d_1$	85.1 mm
$D_1$	104 mm
$r_{1,2}$ min.	1.5 mm
$D_a$ max.	111 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	35.1 kN
Basic static load rating $C_0$	14 kN
Fatigue load limit $P_u$	0.72 kN
Permissible angular misalignment	2.5 °
Calculation factor $k_r$	0.04
Calculation factor e	0.18
Calculation factor $Y_0$	3.6
Calculation factor $Y_1$	3.5



## NTN DRIVESHAFT ANDERSON, INC.

Calculation factor $Y_2$	5.4
Mass bearing	1.1 kg