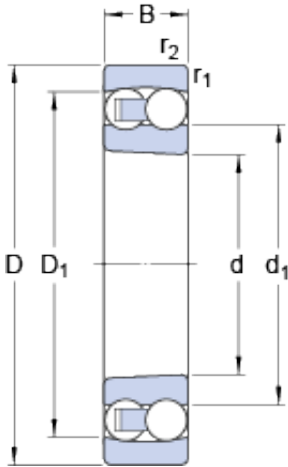




# PCIF BEARING LIMITED



1213 ektn9 Bearing 2D drawings and 3D CAD models

## 65 mm x 120 mm x 23 mm skf 1213 ektn9 bearing

Bearing No. 1213 ektn9

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



## PCIF BEARING LIMITED

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



## PCIF BEARING LIMITED

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



## PCIF BEARING LIMITED

Calculation factor $Y_2$	5.4
Mass bearing	1.1 kg