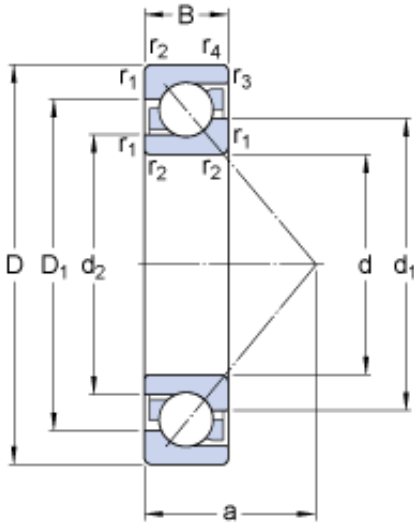




# NTN PRECISION AXLE CORP.



30 mm x 72 mm x 19 mm SKF 7306 BEGBP  
angular contact ball bearings

Bearing No. 7306 BEGBP

7306 BEGBP Bearing 2D drawings and 3D CAD models

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	46.5 mm
d <sub>2</sub>	37.9 mm
D <sub>1</sub>	56.6 mm
a	31 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	37 mm
D <sub>a</sub> - max.	65 mm
D <sub>b</sub> - max.	67.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	35.5 kN
Basic static load rating - C <sub>0</sub>	21.2 kN
Fatigue load limit - P <sub>u</sub>	0.9 kN
Reference speed	13000 r/min
Limiting speed	13000 r/min
Calculation factor - k <sub>r</sub>	0.1



## NTN PRECISION AXLE CORP.

Calculation factor - $k_a$	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.33
EAN	7316577095701
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal



## NTN PRECISION AXLE CORP.

Inch - Metric	Metric
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7306 BEGBP
Weight / LBS	0.73
Bore	1.181 Inch   30 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
Width	0.748 Inch   19 Millimeter
bore diameter:	30 mm
maximum temperature:	257 ° F
outside diameter:	72 mm
cage material:	Polyamide 66
overall width:	19 mm
maximum rpm:	13000 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	1.1 mm
bore type:	Round
series:	7300
closure type:	Open
weight:	0.75 lb



## NTN PRECISION AXLE CORP.

bearing material:	Steel
manufacturer product page:	<a href="#">Click here</a>
radial dynamic load capacity:	35.5 kN
manufacturer upc number:	7316577095701
radial static load capacity:	21.2 kN
$d_1$	46.5 mm
$d_2$	37.9 mm
$D_1$	56.6 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	37 mm
$D_a$ max.	65 mm
$D_b$ max.	67.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	35.5 kN
Basic static load rating $C_0$	21.2 kN
Fatigue load limit $P_u$	0.9 kN
Calculation factor A	0.0074
Calculation factor $k_r$	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	0.34 kg