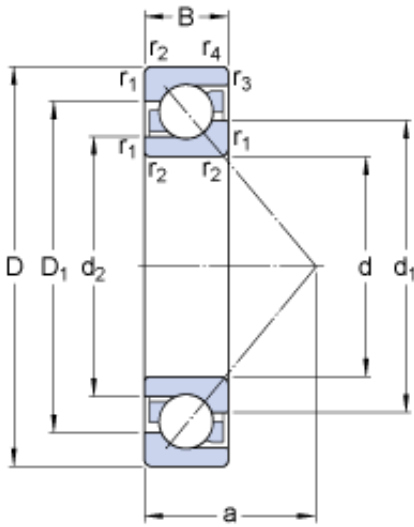




## Air Suspension Bearing Co., Ltd



7306 BEGBP Bearing 2D drawings and 3D CAD models

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

Bearing No. 7306 BEGBP

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



## Air Suspension Bearing Co., Ltd

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



## Air Suspension Bearing Co., Ltd

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



## Air Suspension Bearing Co., Ltd

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