



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 ₁	46.5 mm
d ₂	37.9 mm
D ₁	56.6 mm
a	31 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
Reference speed	13000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.1



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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



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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	http://www.skf.com
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



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bearing material:	Steel
manufacturer product page:	Click here
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