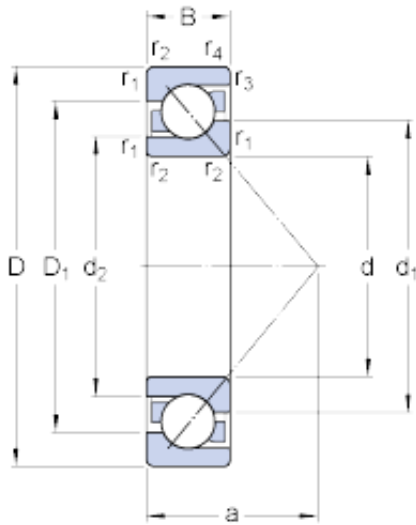




AMERICAN BEARING MFG.CORP.



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

Bearing No. 7306 BEGAP

7306 BEGAP 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 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	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.33
EAN	7316577651686
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	Light
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 BEGAP
Weight / LBS	0.73
Outside Diameter	2.835 Inch 72 Millimeter
Width	0.748 Inch 19 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
radial static load capacity:	21.2 kN
outside diameter:	72 mm
cage material:	Nylon
overall width:	19 mm
outer ring width:	19 mm
contact angle:	40 °
maximum rpm:	13000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	1 mm



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radial dynamic load capacity:	35.5 kN
series:	73
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