



Bearing No. 7306 BEGBP

a	31 mm
d	30 mm
D	72 mm
B	19 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
Width	0.748 Inch 19 Millimeter
UNSPSC	31171531
weight:	0.75 lb
Preload	Medium
series:	7300
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	72x30x19
Enclosure	Open
bore type:	Round
Width (mm)	19
Flush Ground	Yes
Weight / LBS	0.73
Mass bearing	0.34 kg
maximum rpm:	13000 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
D ₁	56.6 mm
d ₂	37.9 mm

d ₁	46.5 mm
closure type:	Open
bore diameter:	30 mm
Keyword String	Angular Contact
overall width:	19 mm
contact angle:	40 °
fillet radius:	1.1 mm
cage material:	Polyamide 66
Bearing number	7306 BEGBP
Limiting speed	13000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
Reference speed	13000 r/min
Outside Diameter	2.835 Inch 72 Millimeter
Manufacturer URL	http://www.skf.com
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
Weight / Kilogram	0.33
bearing material:	Steel
outside diameter:	72 mm
Manufacturer Name	SKF
d _a min.	37 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	72
r _b max.	0.6 mm

r_a max.	1 mm
D_b max.	67.8 mm
D_a max.	65 mm
Outer Diameter (mm)	30
$r_{3,4}$ min.	0.6 mm
D_b - max.	67.8 mm
Calculation factor X	0.57
Mounting Arrangement	Universal
d_a - min.	37 mm
Minimum Buy Quantity	N/A
D_a - max.	65 mm
r_a - max.	1 mm
$r_{1,2}$ min.	1.1 mm
r_b - max.	0.6 mm
Calculation factor e	1.14
maximum temperature:	257 °F
Calculation factor A	0.0074
row type & fill slot:	Single-Row Non-Fill Slot
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
Calculation factor - e	1.14
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
manufacturer upc number:	7316577095701
Manufacturer Item Number	7306 BEGBP
manufacturer product page:	Click here

Basic dynamic load rating C	35.5 kN
radial static load capacity:	21.2 kN
radial dynamic load capacity:	35.5 kN
Basic dynamic load rating - C	35.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.9 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - Y_2	0.57
Calculation factor - k_r	0.1
Fatigue load limit - P_u	0.9 kN
Calculation factor - k_a	1.6
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Basic static load rating C_0	21.2 kN
Basic static load rating - C_0	21.2 kN