



Bearing No. 7306 BEGAPH

D	72 mm
d	30 mm
B	19 mm
a	31 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
Width	0.748 Inch 19 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	72x30x19
Snap Ring	No
Width (mm)	19
Flush Ground	Yes
Mass bearing	0.34 kg
Contact Angle	40 Degree
Cage Material	PEEK
Inch - Metric	Metric
D ₁	56.6 mm
d ₂	37.9 mm
d ₁	46.5 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7306 BEGAPH
Limiting speed	13000 r/min

Reference speed	13000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; PEEK Cage; 40 Degree; 1 (Single); Li
Outside Diameter	2.835 Inch 72 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0
r _a max.	1 mm
r _b max.	0.6 mm
D _b max.	67.8 mm
D _a max.	65 mm
d _a min.	37 mm
Bore Diameter (mm)	72
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	30
r _{1,2} min.	1.1 mm
Mounting Arrangement	Universal
d _a - min.	37 mm
D _a - max.	65 mm
r _{3,4} min.	0.6 mm
D _b - max.	67.8 mm
r _a - max.	1 mm
r _b - max.	0.6 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.0074
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	46.5 mm
D_1 ?	56.6 mm
d_2 ?	37.9 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	0.6 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	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
Fatigue load limit - P_u	0.9 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	21.2 kN

Basic static load rating - C_0	21.2 kN
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