



**Bearing No. 7306 BEGAM**

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
Preload	Light
series:	73
Category	Angular Contact Ball Bearing
Size (mm)	72x30x19
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	19
maximum rpm:	13000 RPM
Flush Ground	Yes
Mass bearing	0.34 kg
d <sub>2</sub>	37.9 mm
Product Group	B00308
closure type:	Open
d <sub>1</sub>	46.5 mm
D <sub>1</sub>	56.6 mm
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass

fillet radius:	1 mm
contact angle:	40 °
overall width:	19 mm
bore diameter:	30 mm
Keyword String	Angular Contact
Bearing number	7306 BEGAM
Limiting speed	13000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Reference speed	13000 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	2.835 Inch   72 Millimeter
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; Brass Cage; 40 Degree; 1 (Single); L
outside diameter:	72 mm
outer ring width:	19 mm
Manufacturer Name	SKF
Weight / Kilogram	0.378
precision rating:	Not Rated
r <sub>b</sub> max.	0.6 mm
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
D <sub>b</sub> max.	67.8 mm
Bore Diameter (mm)	72
D <sub>a</sub> max.	65 mm

$r_a$ max.	1 mm
$d_a$ min.	37 mm
internal clearance:	C0
Outer Diameter (mm)	30
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$r_b$ - max.	0.6 mm
Calculation factor X	0.57
$r_a$ - max.	1 mm
Calculation factor A	0.0074
Mounting Arrangement	Universal
$D_b$ - max.	67.8 mm
Calculation factor e	1.14
$D_a$ - max.	65 mm
$d_a$ - min.	37 mm
$D_1$ ?	56.6 mm
$d_2$ ?	37.9 mm
$d_1$ ?	46.5 mm
row type & fill slot:	Single-Row Non-Fill Slot
Calculation factor - X	0.35
Calculation factor - e	1.14
$r_{3,4}$ - min.	0.6 mm
$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7306 BEGAM
Basic dynamic load rating C	35.5 kN
radial static load capacity:	21.2 kN
Basic dynamic load	35.5 kN

rating - C	
radial dynamic load capacity:	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 - $k_a$	1.6
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
Calculation factor - $k_r$	0.1
Basic static load rating $C_0$	21.2 kN
Basic static load rating - $C_0$	21.2 kN