



Bearing No. 7307 BEGAM

D	80 mm
d	35 mm
B	21 mm
a	35 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
Width	0.827 Inch 21 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	80x35x21
Snap Ring	No
Width (mm)	21
Flush Ground	Yes
Mass bearing	0.45 kg
Contact Angle	40 Degree
Cage Material	Brass
Inch - Metric	Metric
D ₁	63.45 mm
d ₂	43.62 mm
d ₁	52.65 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7307 BEGAM
Limiting speed	11000 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	11000 r/min
Manufacturer URL	http://www.skf.com
Long Description	35MM Bore; 80MM Outside Diameter; 21MM 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	3.15 Inch 80 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
D _a max.	71 mm
Bore Diameter (mm)	80
Number of Bearings	1 (Single)
d _a min.	44 mm
Internal Clearance	C0-Medium
D _b max.	74.4 mm
r _a max.	1.5 mm
r _b max.	1 mm
Outer Diameter (mm)	35
Calculation factor A	0.0111
Calculation factor X	0.57
d _a - min.	44 mm
Calculation factor e	1.14
D _a - max.	71 mm
Mounting Arrangement	Universal
D _b - max.	74.4 mm
Minimum Buy Quantity	N/A
r _a - max.	1.5 mm

r_b - max.	1 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
D_1 ?	63.45 mm
d_2 ?	43.62 mm
d_1 ?	52.5 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7307 BEGAM
Basic dynamic load rating C	41.5 kN
Basic dynamic load rating - C	41.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	1.14 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	1.1 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	26.5 kN

Basic static load rating - C_0	26.5 kN
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