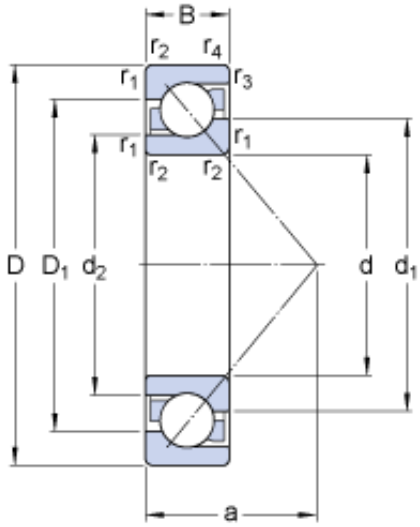
Loyal | 7204 BEGBP



Bearing No. 7204 BEGBP

D	47 mm
d	20 mm
B	14 mm
a	21 mm
Bore	0.787 Inch | 20 Millimeter
Noun	Bearing
Width	0.551 Inch | 14 Millimeter
UNSPSC	31171531
Preload	Medium
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	47x20x14
Snap Ring	No
Width (mm)	14
Flush Ground	Yes
Mass bearing	0.11 kg
Weight / LBS	0.2314
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polyamide
D_1	37 mm
d_2	25.87 mm
d_1	30.8 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7204 BEGBP

Limiting speed	19000 r/min
Precision Class	ABEC 1 | ISO P0
Rolling Element	Ball Bearing
Reference speed	19000 r/min
Outside Diameter	1.85 Inch | 47 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	20MM Bore; 47MM Outside Diameter; 14MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 | ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Polyamide Cage; 40 Degree; 1 (Single
Manufacturer Name	SKF
Weight / Kilogram	0.108
r_b max.	0.6 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
r_a max.	1 mm
Bore Diameter (mm)	47
D_b max.	42.8 mm
D_a max.	41.4 mm
d_a min.	25.6 mm
Outer Diameter (mm)	20
r_b - max.	0.6 mm
$r_{1,2}$ min.	1 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
Mounting Arrangement	Universal
D_b - max.	42.8 mm
Calculation factor A	0.00113
D_a - max.	41.4 mm

d_a - min.	25.6 mm
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	0.6 mm
D_1 ?	37 mm
d_2 ?	25.87 mm
d_1 ?	30.8 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	1 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7204 BEGBP
Basic dynamic load rating C	14.3 kN
Basic dynamic load rating - C	14.3 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.345 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	0.345 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_0	0.26
Calculation factor - Y_2	0.57
Calculation factor - Y_1	

Basic static load rating C_0	8.15 kN
Basic static load rating - C_0	8.2 kN