



**Bearing No. 7201 BEGAP**

a	14 mm
d	12 mm
D	32 mm
B	10 mm
Bore	0.472 Inch   12 Millimeter
Noun	Bearing
Width	0.394 Inch   10 Millimeter
UNSPSC	31171531
Preload	Light
series:	72
Category	Angular Contact Ball Bearing
Size (mm)	32x12x10
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	10
Weight / LBS	0.0859
maximum rpm:	26000 RPM
Flush Ground	Yes
Mass bearing	0.036 kg
D <sub>1</sub>	25 mm
Product Group	B00308
closure type:	Open
d <sub>1</sub>	20.2 mm
d <sub>2</sub>	16.57 mm
Inch - Metric	Metric
Contact Angle	40 Degree

Cage Material	Polyamide
fillet radius:	0.6 mm
overall width:	10 mm
bore diameter:	12 mm
Keyword String	Angular Contact
Bearing number	7201 BEGAP
Limiting speed	26000 r/min
Reference speed	26000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Long Description	12MM Bore; 32MM Outside Diameter; 10MM 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
Outside Diameter	1.26 Inch   32 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	32 mm
outer ring width:	10 mm
Weight / Kilogram	0.039
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
r <sub>b</sub> max.	0.3 mm
r <sub>a</sub> max.	0.6 mm
D <sub>b</sub> max.	30 mm
D <sub>a</sub> max.	27.8 mm
d <sub>a</sub> min.	16.2 mm

Bore Diameter (mm)	32
Outer Diameter (mm)	12
internal clearance:	C0
Calculation factor A	0.000283
$D_b$ - max.	30 mm
$r_{1,2}$ min.	0.6 mm
$r_b$ - max.	0.3 mm
Minimum Buy Quantity	N/A
$r_{3,4}$ min.	0.3 mm
Calculation factor e	1.14
$r_a$ - max.	0.6 mm
Calculation factor X	0.57
$d_a$ - min.	16.2 mm
Mounting Arrangement	Universal
$D_a$ - max.	27.8 mm
$d_1$ ?	20.2 mm
$d_2$ ?	16.57 mm
row type & fill slot:	Single-Row Non-Fill Slot
$D_1$ ?	25 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
$r_{3,4}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	0.6 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7201 BEGAP
Basic dynamic load rating C	7.61 kN
radial static load capacity:	3.8 kN
radial dynamic load capacity:	7.61 kN

Basic dynamic load rating - C	7.6 kN
Maximum Capacity / Filling Slot	No
Calculation factor $Y_2$	0.93
Calculation factor $Y_1$	0.55
Calculation factor $Y_0$	0.52
Calculation factor $k_r$	0.095
Fatigue load limit $P_u$	0.16 kN
Calculation factor - $Y_2$	0.57
Calculation factor - $k_r$	0.095
Calculation factor - $k_a$	1.4
Fatigue load limit - $P_u$	0.16 kN
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Basic static load rating $C_0$	3.8 kN
Basic static load rating - $C_0$	3.8 kN