



Bearing No. 7202 BEGAP

D	35 mm
d	15 mm
B	11 mm
a	16 mm
Bore	0.591 Inch 15 Millimeter
Noun	Bearing
Width	0.433 Inch 11 Millimeter
UNSPSC	31171531
Preload	Light
series:	72
Category	Angular Contact Ball Bearing
Size (mm)	35x15x11
Enclosure	Open
Snap Ring	No
Inventory	0.0
Width (mm)	11
Weight / LBS	0.099
Flush Ground	Yes
Mass bearing	0.045 kg
maximum rpm:	26000 RPM
Product Group	B00308
Inch - Metric	Metric
closure type:	Open
Contact Angle	40 Degree
Cage Material	Polymer
D ₁	27.8 mm
d ₂	18.93 mm
d ₁	22.7 mm

cage material:	Plastic
Keyword String	Angular Contact
overall width:	11 mm
contact angle:	40 °
fillet radius:	0.6 mm
bore diameter:	15 mm
Bearing number	7202 BEGAP
Limiting speed	26000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
Reference speed	26000 r/min
Long Description	15MM Bore; 35MM Outside Diameter; 11MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Outside Diameter	1.378 Inch 35 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0.048
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	35 mm
outer ring width:	11 mm
Manufacturer Name	SKF
Bore Diameter (mm)	35
r _b max.	0.3 mm
r _a max.	0.6 mm
D _b max.	32.6 mm
D _a max.	30.8 mm
d _a min.	19.2 mm

Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Outer Diameter (mm)	15
internal clearance:	C0
D_a - max.	30.8 mm
Calculation factor A	0.000383
$r_{1,2}$ min.	0.6 mm
d_a - min.	19.2 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
$r_{3,4}$ min.	0.3 mm
r_a - max.	0.6 mm
r_b - max.	0.3 mm
Calculation factor X	0.57
Calculation factor e	1.14
D_b - max.	32.6 mm
d_1 ?	22.7 mm
row type & fill slot:	Single-Row Non-Fill Slot
D_1 ?	27.8 mm
d_2 ?	18.93 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Calculation factor - e	1.14
$r_{1,2}$ - min.	0.6 mm
$r_{3,4}$ - min.	0.3 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7202 BEGAP
Basic dynamic load rating C	8.8 kN
radial static load capacity:	5.1 kN
radial dynamic load	9.5 kN

capacity:	
Basic dynamic load rating - C	8.8 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor k_r	0.095
Fatigue load limit P_u	0.196 kN
Fatigue load limit - P_u	0.196 kN
Calculation factor - k_a	1.4
Calculation factor - k_r	0.095
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - Y_0	0.26
Basic static load rating C_0	4.65 kN
Basic static load rating - C_0	4.6 kN