



**Bearing No. 7202 BEGBP**

a	16 mm
d	15 mm
D	35 mm
B	11 mm
Bore	0.591 Inch   15 Millimeter
Noun	Bearing
Width	0.433 Inch   11 Millimeter
UNSPSC	31171531
Preload	Medium
series:	72
Category	Angular Contact Ball Bearing
Size (mm)	35x15x11
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	11
Weight / LBS	0.1036
maximum rpm:	26000 RPM
Flush Ground	Yes
Mass bearing	0.045 kg
D <sub>1</sub>	27.8 mm
Product Group	B00308
closure type:	Open
d <sub>1</sub>	22.7 mm
d <sub>2</sub>	18.93 mm
Inch - Metric	Metric
Contact Angle	40 Degree

Cage Material	Polyamide
fillet radius:	0.6 mm
overall width:	11 mm
bore diameter:	15 mm
Keyword String	Angular Contact
Bearing number	7202 BEGBP
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	15MM Bore; 35MM Outside Diameter; 11MM 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	1.378 Inch   35 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	35 mm
outer ring width:	11 mm
Weight / Kilogram	0.048
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
$r_b$ 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
Bore Diameter (mm)	35
Outer Diameter (mm)	15
internal clearance:	C0
Calculation factor A	0.000383
$D_b$ - max.	32.6 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.	19.2 mm
Mounting Arrangement	Universal
$D_a$ - max.	30.8 mm
$d_1$ ?	22.7 mm
$d_2$ ?	18.93 mm
row type & fill slot:	Single-Row Non-Fill Slot
$D_1$ ?	27.8 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	7202 BEGBP
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 $Y_2$	0.93
Calculation factor $Y_1$	0.55
Calculation factor $Y_0$	0.52
Calculation factor $k_r$	0.095
Fatigue load limit $P_u$	0.196 kN
Calculation factor - $Y_2$	0.57
Calculation factor - $k_r$	0.095
Calculation factor - $k_a$	1.4
Fatigue load limit - $P_u$	0.196 kN
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Basic static load rating $C_0$	4.65 kN
Basic static load rating - $C_0$	4.6 kN