



# SNR BEARING CORP.OF AMERICA



## 30 mm x 62 mm x 16 mm skf 7206 BEGAP Single row angular contact ball bearings

Bearing No. 7206 BEGAP

7206 BEGAP Bearing 2D drawings and 3D CAD models

Size	62x30x16 mm
Bore Diameter	62 mm
Outer Diameter	30 mm
Width	16 mm
d	30 mm
D	62 mm
B	16 mm
d <sub>1</sub>	42.65 mm
d <sub>2</sub>	36.13 mm
D <sub>1</sub>	50.1 mm
a	27.3 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	35.6 mm
D <sub>a</sub> - max.	56.4 mm
D <sub>b</sub> - max.	57.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	24 kN
Basic static load rating - C <sub>0</sub>	15.6 kN
Fatigue load limit - P <sub>u</sub>	0.655 kN
Reference speed	14000 r/min
Limiting speed	14000 r/min
Calculation factor - k <sub>r</sub>	0.095



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Calculation factor - $k_a$	1.4
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.19
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric



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Long Description	30MM Bore; 62MM Outside Diameter; 16MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7206 BEGAP
Weight / LBS	0.414
Bore	1.181 Inch   30 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Width	0.63 Inch   16 Millimeter
bore diameter:	30 mm
radial static load capacity:	15.6 kN
outside diameter:	62 mm
cage material:	Nylon
overall width:	16 mm
outer ring width:	16 mm
contact angle:	40 °
maximum rpm:	14000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	1 mm
radial dynamic load capacity:	24 kN



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series:	72
$d_1$	42.65 mm
$d_2$	36.13 mm
$D_1$	50.1 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	35.6 mm
$D_a$ max.	56.4 mm
$D_b$ max.	57.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	24 kN
Basic static load rating $C_0$	15.6 kN
Fatigue load limit $P_u$	0.655 kN
Calculation factor A	0.00377
Calculation factor $k_r$	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	0.2 kg