



**Bearing No. 7206 BEGAP**

D	62 mm
d	30 mm
B	16 mm
a	27.3 mm
Bore	1.181 Inch   30 Millimeter
Noun	Bearing
Width	0.63 Inch   16 Millimeter
UNSPSC	31171531
Preload	Light
series:	72
Category	Angular Contact Ball Bearing
Size (mm)	62x30x16
Enclosure	Open
Snap Ring	No
Inventory	0.0
Width (mm)	16
Weight / LBS	0.414
Flush Ground	Yes
Mass bearing	0.2 kg
maximum rpm:	14000 RPM
Product Group	B00308
Inch - Metric	Metric
closure type:	Open
Contact Angle	40 Degree
Cage Material	Polymer
D <sub>1</sub>	50.1 mm
d <sub>2</sub>	36.13 mm
d <sub>1</sub>	42.65 mm

cage material:	Nylon
Keyword String	Angular Contact
overall width:	16 mm
contact angle:	40 °
fillet radius:	1 mm
bore diameter:	30 mm
Bearing number	7206 BEGAP
Limiting speed	14000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 3   ISO P6
Reference speed	14000 r/min
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
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0.19
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	62 mm
outer ring width:	16 mm
Manufacturer Name	SKF
Bore Diameter (mm)	62
r <sub>b</sub> max.	0.6 mm
r <sub>a</sub> max.	1 mm
D <sub>b</sub> max.	57.8 mm
D <sub>a</sub> max.	56.4 mm
d <sub>a</sub> min.	35.6 mm
Number of Bearings	1 (Single)

Internal Clearance	C0-Medium
Outer Diameter (mm)	30
internal clearance:	C0
$D_a$ - max.	56.4 mm
Calculation factor A	0.00377
$r_{1,2}$ min.	1 mm
$d_a$ - min.	35.6 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
$r_{3,4}$ min.	0.6 mm
$r_a$ - max.	1 mm
$r_b$ - max.	0.6 mm
Calculation factor X	0.57
Calculation factor e	1.14
$D_b$ - max.	57.8 mm
$d_1$ ?	42.65 mm
row type & fill slot:	Single-Row Non-Fill Slot
$D_1$ ?	50.1 mm
$d_2$ ?	36.13 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Calculation factor - e	1.14
$r_{1,2}$ - min.	1 mm
$r_{3,4}$ - min.	0.6 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7206 BEGAP
Basic dynamic load rating C	24 kN
radial static load capacity:	15.6 kN
radial dynamic load capacity:	24 kN

Basic dynamic load rating - C	24 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 $P_u$	0.655 kN
Fatigue load limit - $P_u$	0.655 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 $C_0$	15.6 kN
Basic static load rating - $C_0$	15.6 kN