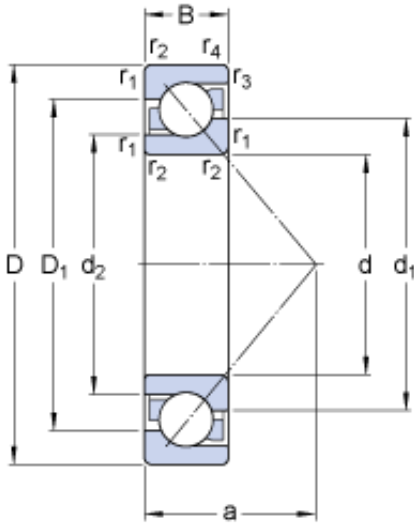




# BROWNING BEARING COMPANY



30 mm x 62 mm x 16 mm skf 7206 becbm bearing

Bearing No. 7206 becbm

7206 becbm 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	0.21
EAN	7316577149725
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	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal



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Inch - Metric	Metric
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
Other Features	Normal Axial Internal Clearance
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 BECBM
Weight / LBS	0.456
Outside Diameter	2.441 Inch   62 Millimeter
Bore	1.181 Inch   30 Millimeter
Width	0.63 Inch   16 Millimeter
bore diameter:	30 mm
radial static load capacity:	15.6 kN
outside diameter:	62 mm
cage material:	Brass
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



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fillet radius:	1 mm
radial dynamic load capacity:	24 kN
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