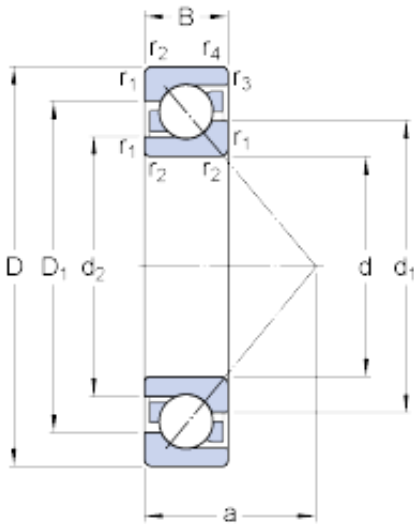




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30 mm x 62 mm x 16 mm skf 7206 BECBY
Single row angular contact ball bearings

Bearing No. 7206 BECBY

7206 BECBY 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 ₁	42.65 mm
d ₂	36.13 mm
D ₁	50.1 mm
a	27.3 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	23.8 kN
Basic static load rating - C ₀	15.6 kN
Fatigue load limit - P _u	0.655 kN
Reference speed	13000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	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	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.2
EAN	7316576649813
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)
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
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	http://www.skf.com
Manufacturer Item Number	7206 BECBY
Weight / LBS	0.441
Width	0.63 Inch 16 Millimeter
Bore	1.181 Inch 30 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	30 mm
radial static load capacity:	15.6 kN
outside diameter:	62 mm
cage material:	Steel
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



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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	25.5 kN
Basic static load rating C_0	17 kN
Fatigue load limit P_u	0.71 kN
Calculation factor A	0.00408
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