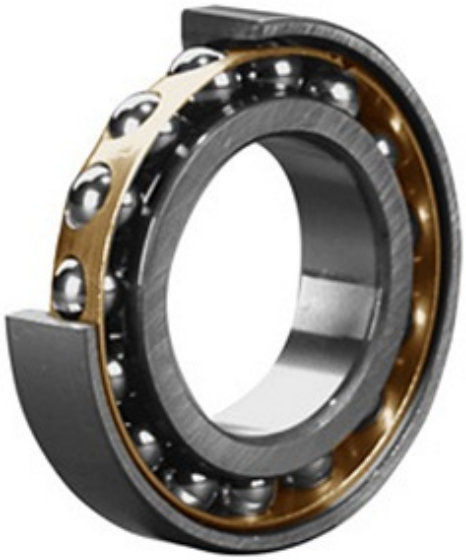

7207 BECBY Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 17 mm SKF 7207 BECBY Angular Contact Ball Bearings

Bearing No. **7207 BECBY**

Category	Angular Contact Ball Bearings
Inventory	5.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.3
EAN	7316576649851
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
Long Description	35MM Bore; 72MM Outside Diameter; 17MM 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	7207 BECBY
Weight / LBS	0.663
D	2.835 Inch | 72 Millimeter
B	0.669 Inch | 17 Millimeter
d	1.378 Inch | 35 Millimeter
bore diameter:	35 mm
radial static load capacity:	19 kN
outside diameter:	72 mm
cage material:	Brass
overall width:	17 mm
outer ring width:	17 mm
contact angle:	40 °
maximum rpm:	11000 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:	29.1 kN
series:	72
d	35 mm

D	72 mm
B	17 mm
$d_1 \approx$	49.65 mm
$d_2 \approx$	41.96 mm
$D_1 \approx$	58.25 mm
a	31 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	42 mm
D_a max.	65 mm
D_b max.	67.8 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating C_0	22.4 kN
Fatigue load limit P_u	0.95 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor A	0.0073
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	0.28 kg