



## Bearing company



12 mm x 32 mm x 10 mm skf 7201 becbp bearing

Bearing No. 7201 becbp

7201 becbp Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.039
EAN	7316576649684
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	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	12MM Bore; 32MM Outside Diameter; 10MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap



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	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	7201 BECBP
Weight / LBS	0.079
B	0.394 Inch   10 Millimeter
d	0.472 Inch   12 Millimeter
D	1.26 Inch   32 Millimeter
bore diameter:	12 mm
radial static load capacity:	3.8 kN
outside diameter:	32 mm
cage material:	Nylon
overall width:	10 mm
outer ring width:	10 mm
contact angle:	40 °
maximum rpm:	26000 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:	0.6 mm
radial dynamic load capacity:	7.61 kN
series:	72
d	12 mm



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D	32 mm
B	10 mm
$d_1$	20.2 mm
$d_2$	16.57 mm
$D_1$	25 mm
a	14 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.3 mm
$d_a$ min.	16.2 mm
$D_a$ max.	27.8 mm
$D_b$ max.	30 mm
$r_a$ max.	0.6 mm
$r_b$ max.	0.3 mm
Basic dynamic load rating C	7.61 kN
Basic static load rating $C_0$	3.8 kN
Fatigue load limit $P_u$	0.16 kN
Reference speed	28000 r/min
Limiting speed	26000 r/min
Calculation factor A	0.000283
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	0.036 kg