



MianKang Bearing Co., Ltd.



skf 7201 bep bearing

Bearing No. 7201 bep

7201 bep Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	8.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.039
EAN	7316576649677
Product Group	B00308
Enclosure	Open
Flush Ground	No
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	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	12MM Bore; 32MM Outside Diameter; 10MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball



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	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	7201 BEP
Weight / LBS	0.079
d	0.472 Inch 12 Millimeter
B	0.394 Inch 10 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
D	32 mm
B	10 mm
d ₁	20.2 mm
d ₂	16.57 mm



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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