



NTK BEARING PRECISION AXLE CORP.



100 mm x 215 mm x 47 mm SKF 7320 BEGAF
Angular Contact Ball Bearings

Bearing No. 7320 BEGAF

7320 BEGAF Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	8.111
EAN	7316571055442
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single);
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	7320 BEGAF
B	1.85 Inch 47 Millimeter
d	3.937 Inch 100 Millimeter
D	8.465 Inch 215 Millimeter
bore diameter:	100 mm
radial static load capacity:	190 kN
outside diameter:	215 mm
outer ring width:	47 mm
overall width:	47 mm
maximum rpm:	3600 RPM
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
precision rating:	Not Rated
internal clearance:	C0
fillet radius:	2.5 mm
closure type:	Open
series:	73
radial dynamic load capacity:	203 kN
d	100 mm
D	215 mm
B	47 mm



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d_1	144.5 mm
d_2	120.46 mm
D_1	173.75 mm
a	90 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	114 mm
D_a max.	201 mm
D_b max.	208 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	203 kN
Basic static load rating C_0	190 kN
Fatigue load limit P_u	6.4 kN
Reference speed	3800 r/min
Limiting speed	3600 r/min
Calculation factor A	0.63
Calculation factor k_r	0.1
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	7.5 kg