



Bearing No. 7320 BEGBY

D	215 mm
d	100 mm
B	47 mm
a	90 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.85 Inch 47 Millimeter
UNSPSC	31171531
Preload	Medium
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	215x100x47
Snap Ring	No
Width (mm)	47
Flush Ground	Yes
Mass bearing	7.5 kg
Weight / LBS	15.759
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	173.75 mm
d ₂	120.46 mm
d ₁	144.5 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7320 BEGBY
Limiting speed	3600 r/min

Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	3600 r/min
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Outside Diameter	8.465 Inch 215 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	7.16
Number of Bearings	1 (Single)
r_a max.	2.5 mm
r_b max.	1 mm
Bore Diameter (mm)	215
D_b max.	208 mm
D_a max.	201 mm
d_a min.	114 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	100
Calculation factor e	1.14
Calculation factor X	0.57
d_a - min.	114 mm
D_a - max.	201 mm
Minimum Buy Quantity	N/A
D_b - max.	208 mm
Mounting Arrangement	Universal
r_a - max.	2.5 mm
r_b - max.	1 mm
$r_{1,2}$ min.	3 mm

Calculation factor A	0.63
$r_{3,4}$ min.	1.1 mm
D_1 ?	173.75 mm
d_2 ?	120.46 mm
d_1 ?	144.5 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	3 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7320 BEGBY
Basic dynamic load rating C	203 kN
Basic dynamic load rating - C	203 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	6.4 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	6.4 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_0	0.26
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Basic static load rating C_0	190 kN
Basic static load rating -	190 kN

C ₀	
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