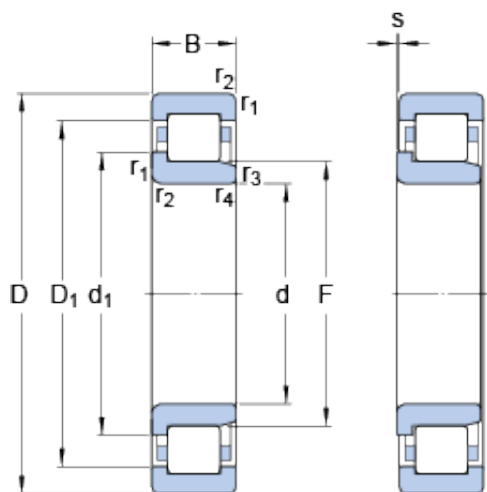




Bearing No. NJ 320 ECJ

F	127.5 mm
s	2.9 mm
d	100 mm
D	215 mm
B	47 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.85 Inch 47 Millimeter
UNSPSC	31171547
s max.	2.9 mm
series:	NJ3
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring, (1) Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	215x100x47
Snap Ring	No
Separable	Inner Ring - One Side
Inventory	0.0
bore type:	Straight
Width (mm)	47
maximum rpm:	3800 RPM
Weight / LBS	17.062
Bore Profile	Straight
Mass bearing	7.8 kg
closure type:	Open
Product Group	B04144

d ₁	139 mm
Cage Material	Steel
D ₁	181.1 mm
Inch - Metric	Metric
Bearing number	NJ 320 ECJ
Relubricatable	Yes
fillet radius:	2.5 mm
cage material:	Steel
Limiting speed	3800 r/min
bore diameter:	100 mm
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	47 mm
finish/coating:	Uncoated
number of rows:	1
Reference speed	3200 r/min
Precision Class	RBEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 47MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Limiting value e	0.2
Manufacturer URL	http://www.skf.com
ring separation:	Separable Ring
Outside Diameter	8.465 Inch 215 Millimeter

Weight / Kilogram	7.746
precision rating:	Not Rated
outside diameter:	215 mm
outer ring width:	47 mm
Manufacturer Name	SKF
bearing material:	Steel
r _a max.	2.5 mm
d _a min.	114 mm
d _a max.	124 mm
d _b min.	142 mm
D _a max.	199.6 mm
Bore Diameter (mm)	215
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	100
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm
r _a - max.	2.5 mm
Minimum Buy Quantity	N/A
D _a - max.	199.6 mm
d _a - min.	114 mm
d _b - min.	142 mm
d _a - max.	124 mm
static load capacity:	440 kN
d ₁ ?	139 mm
D ₁ ?	181.25 mm
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	3 mm
dynamic load capacity:	450 kN
r _{3,4} - min.	3 mm
Manufacturer Item Number	NJ 320 ECJ

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	450 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	450 kN
Fatigue load limit P_u	51 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	51 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	440 kN
Basic static load rating - C_0	440 kN