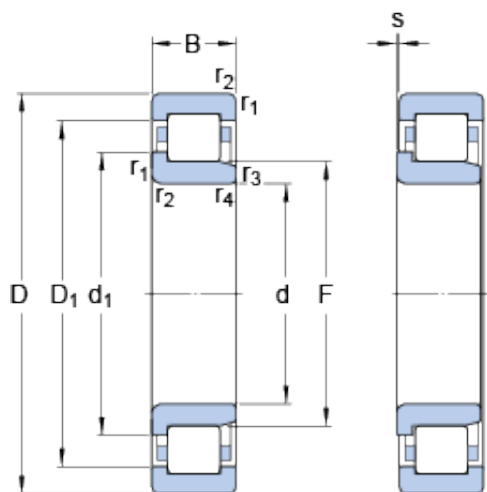




Bearing No. NJ 320 ECM

D	215 mm
d	100 mm
B	47 mm
F	127.5 mm
s	2.9 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.85 Inch 47 Millimeter
s max.	2.9 mm
UNSPSC	31171547
series:	NJ300
Profile	Complete with Outer and Inner Ring
flanges:	(2) Flanges on Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	215x100x47
Separable	Inner Ring - One Side
bore type:	Straight
Width (mm)	47
Bore Profile	Straight
Mass bearing	8.75 kg
Weight / LBS	19.343
maximum rpm:	5600 rpm
closure type:	Open
Inch - Metric	Metric

Product Group	B04144
Cage Material	Brass
D ₁	181.1 mm
d ₁	139 mm
bore diameter:	100 mm
overall width:	47 mm
cage material:	Brass
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	3 mm
Relubricatable	Yes
Bearing number	NJ 320 ECM
Limiting speed	3800 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	3200 r/min
Limiting value e	0.2
Outside Diameter	8.465 Inch 215 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 47MM Width; Brass Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
outside diameter:	215 mm

Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	8.782
Internal Clearance	C0-Medium
r_a max.	2.5 mm
D_a max.	199.6 mm
d_b min.	142 mm
Bore Diameter (mm)	215
d_a min.	114 mm
d_a max.	124 mm
Axial load factor Y	0.6
Outer Diameter (mm)	100
internal clearance:	C0
Minimum Buy Quantity	N/A
d_b - min.	142 mm
d_a - min.	114 mm
$r_{1,2}$ min.	3 mm
d_a - max.	124 mm
$r_{3,4}$ min.	3 mm
D_a - max.	199.6 mm
r_a - max.	2.5 mm
d_1 ?	139 mm
D_1 ?	181.25 mm
static load capacity:	425000 N
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	380000 N
$r_{1,2}$ - min.	3 mm
$r_{3,4}$ - min.	3 mm
manufacturer upc number:	7316576628450
Manufacturer Item Number	NJ 320 ECM
Number of Rows of	Single Row

Rollers	
manufacturer product page:	Click here
Basic dynamic load rating C	450 kN
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