



Bearing No. NU 2320 ECP

s	5.9 mm
F	127.5 mm
d	100 mm
D	215 mm
B	73 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	2.874 Inch 73 Millimeter
UNSPSC	31171547
s max.	5.9 mm
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	215x100x73
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	73
maximum rpm:	3800 RPM
Weight / LBS	26.411
Bore Profile	Straight
Mass bearing	11.8 kg
closure type:	Open
Product Group	B04144

D ₁	181.1 mm
Cage Material	Polymer
Inch - Metric	Metric
Bearing number	NU 2320 ECP
Relubricatable	Yes
fillet radius:	2.5 mm
cage material:	Polyamide
Limiting speed	3800 r/min
bore diameter:	100 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	73 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	3200 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	8.465 Inch 215 Millimeter
Limiting value e	0.3
Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 73MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium I
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF

outer ring width:	73 mm
Weight / Kilogram	11.991
precision rating:	Not Rated
outside diameter:	215 mm
bearing material:	Steel
r_b max.	2.5 mm
Internal Clearance	C0-Medium
r_a max.	2.5 mm
D_a max.	199.6 mm
d_b min.	131 mm
d_a max.	124 mm
d_a min.	114 mm
Bore Diameter (mm)	215
Outer Diameter (mm)	100
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
d_a - min.	114 mm
r_b - max.	2.5 mm
d_a - max.	124 mm
d_b - min.	131 mm
D_a - max.	199.6 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
D_1 ?	181.1 mm
static load capacity:	735 kN
$r_{3,4}$ - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	670 kN
Manufacturer Item Number	NU 2320 ECP

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	670 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	670 kN
Fatigue load limit P_u	85 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	85 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	735 kN
Basic static load rating - C_0	735 kN