



Bearing No. NU 2310 ECP

D	110 mm
d	50 mm
B	40 mm
F	65 mm
s	3.4 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Width	1.575 Inch 40 Millimeter
s max.	3.4 mm
UNSPSC	31171547
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	110x50x40
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	40
Bore Profile	Straight
Mass bearing	1.73 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	3.898
maximum rpm:	8000 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D ₁	91.4 mm
bore diameter:	50 mm
overall width:	40 mm
cage material:	Polyamide
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	NU 2310 ECP
Limiting speed	8000 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	6700 r/min
Outside Diameter	4.331 Inch 110 Millimeter
Limiting value e	0.3
Long Description	50MM Bore; Straight Bore Profile; 110MM Outside Diameter; 40MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Manufacturer URL	http://www.skf.com

ring separation:	Separable Ring
bearing material:	Steel
outside diameter:	110 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	40 mm
Weight / Kilogram	1.77
Manufacturer Name	SKF
D _a max.	99.6 mm
d _a max.	63 mm
r _a max.	2 mm
r _b max.	2 mm
d _a min.	60 mm
Bore Diameter (mm)	110
Internal Clearance	C0-Medium
d _b min.	67 mm
Outer Diameter (mm)	50
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	2 mm
r _{1,2} min.	2 mm
d _a - min.	60 mm
r _a - max.	2 mm
Minimum Buy Quantity	N/A
r _b - max.	2 mm
d _a - max.	63 mm
d _b - min.	67 mm
D _a - max.	99.6 mm
static load capacity:	186 kN
D ₁ ?	91.4 mm
r _{3,4} - min.	2 mm
Harmonized Tariff Code	8482.50.00.00
	2 mm

r^{1,2} - min.

--	--

dynamic load capacity:	186 kN
Manufacturer Item Number	NU 2310 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	186 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	186 kN
Fatigue load limit P_u	24.5 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	24.5 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	186 kN
Basic static load rating - C_0	186 kN