



Bearing No. NU 2313 ECML

s	4.7 mm
F	82.5 mm
d	65 mm
D	140 mm
B	48 mm
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
Width	1.89 Inch 48 Millimeter
UNSPSC	31171547
s max.	4.7 mm
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	140x65x48
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	48
maximum rpm:	6000 RPM
Weight / LBS	8.34
Bore Profile	Straight
Mass bearing	3.72 kg
closure type:	Open
Product Group	B04144
D ₁	118.1 mm

Cage Material	Brass
Inch - Metric	Metric
Bearing number	NU 2313 ECML
Relubricatable	Yes
fillet radius:	2 mm
cage material:	Brass
Limiting speed	9500 r/min
bore diameter:	65 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	48 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	5300 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	5.512 Inch 140 Millimeter
Limiting value e	0.3
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 48MM Width; Brass Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
outer ring width:	48 mm

Weight / Kilogram	3.786
precision rating:	Not Rated
outside diameter:	140 mm
bearing material:	Steel
r _b max.	2 mm
Internal Clearance	C0-Medium
r _a max.	2 mm
D _a max.	127.8 mm
d _b min.	85 mm
d _a max.	80 mm
d _a min.	77 mm
Bore Diameter (mm)	140
Outer Diameter (mm)	65
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - min.	77 mm
r _b - max.	2 mm
d _a - max.	80 mm
d _b - min.	85 mm
D _a - max.	127.8 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	2.1 mm
D ₁ ?	118.1 mm
static load capacity:	290 kN
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	2.1 mm
dynamic load capacity:	285 kN
Manufacturer Item Number	NU 2313 ECML
Number of Rows of	Single Row

Rollers	
Basic dynamic load rating C	285 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	285 kN
Fatigue load limit P_u	38 kN
Calculation factor k_r	0.38
Fatigue load limit - P_u	38 kN
Calculation factor - k_r	0.38
Basic static load rating C_0	290 kN
Basic static load rating - C_0	290 kN