



Bearing No. NU 2312 ECM

s	3.6 mm
F	77 mm
d	60 mm
D	130 mm
B	46 mm
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Width	1.811 Inch 46 Millimeter
UNSPSC	31171547
s max.	3.6 mm
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	130x60x46
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	46
maximum rpm:	6700 RPM
Weight / LBS	6.998
Bore Profile	Straight
Mass bearing	3.12 kg
closure type:	Open
Product Group	B04144

D ₁	108.5 mm
Cage Material	Brass
Inch - Metric	Metric
Bearing number	NU 2312 ECM
Relubricatable	Yes
fillet radius:	2 mm
cage material:	Brass
Limiting speed	6700 r/min
bore diameter:	60 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	46 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	5600 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	5.118 Inch 130 Millimeter
Limiting value e	0.3
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 46MM 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:	46 mm
Weight / Kilogram	3.177
precision rating:	Not Rated
outside diameter:	130 mm
bearing material:	Steel
r _b max.	2 mm
Internal Clearance	C0-Medium
r _a max.	2 mm
D _a max.	118.1 mm
d _b min.	79 mm
d _a max.	74 mm
d _a min.	72 mm
Bore Diameter (mm)	130
Outer Diameter (mm)	60
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - min.	72 mm
r _b - max.	2 mm
d _a - max.	74 mm
d _b - min.	79 mm
D _a - max.	118.1 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	2.1 mm
D ₁ ?	108.5 mm
static load capacity:	265 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:	260 kN
Manufacturer Item Number	NU 2312 ECM

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	260 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	260 kN
Fatigue load limit P_u	34.5 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	34.5 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	265 kN
Basic static load rating - C_0	265 kN