



SAHH BEARING OF ENGLAND CORP.



60 mm x 130 mm x 46 mm 60 mm x 130 mm x 46 mm SKF NU 2312 ECP Belgium Bearing 60*130*46

Bearing No. NU 2312 ECP

NU 2312 ECP Bearing 2D drawings and 3D CAD models

Size	130x60x46 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	46 mm
d	60 mm
D	130 mm
B	46 mm
D ₁	108.5 mm
F	77 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	3.6 mm
d _a - min.	72 mm
d _a - max.	74 mm
d _b - min.	79 mm
D _a - max.	118.1 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	260 kN
Basic static load rating - C ₀	265 kN
Fatigue load limit - P _u	34.5 kN
Reference speed	5600 r/min
Limiting speed	6700 r/min



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Calculation factor - k_r	0.25
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.801
EAN	7316577028389
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 46MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Category	Cylindrical Roller Bearing
UNSPSC	31171547



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Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 2312 ECP
Weight / LBS	6.169
Bore	2.362 Inch 60 Millimeter
Width	1.811 Inch 46 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	130 mm
maximum rpm:	6700 RPM
overall width:	46 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	46 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	260 kN
series:	NU23
static load capacity:	265 kN



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D_1	108.5 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
s max.	3.6 mm
d_a min.	72 mm
d_a max.	74 mm
d_b min.	79 mm
D_a max.	118.1 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	260 kN
Basic static load rating C_0	265 kN
Fatigue load limit P_u	34.5 kN
Calculation factor k_r	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	2.74 kg