



Bearing No. NU 2308 ECML

D	90 mm
d	40 mm
B	33 mm
F	52 mm
s	2.9 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.299 Inch 33 Millimeter
s max.	2.9 mm
UNSPSC	31171547
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	90x40x33
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	33
Bore Profile	Straight
Mass bearing	1.07 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	2.419
maximum rpm:	9500 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D ₁	75.55 mm
bore diameter:	40 mm
overall width:	33 mm
cage material:	Brass
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1.5 mm
Bearing number	NU 2308 ECML
Limiting speed	15000 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	8000 r/min
Outside Diameter	3.543 Inch 90 Millimeter
Limiting value e	0.3
Long Description	40MM Bore; Straight Bore Profile; 90MM Outside Diameter; 33MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Manufacturer URL	http://www.skf.com

ring separation:	Separable Ring
bearing material:	Steel
outside diameter:	90 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	33 mm
Weight / Kilogram	1.098
Manufacturer Name	SKF
D _a max.	81.8 mm
d _a max.	50 mm
r _a max.	1.5 mm
r _b max.	1.5 mm
d _a min.	48 mm
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
d _b min.	54 mm
Outer Diameter (mm)	40
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	1.5 mm
r _{1,2} min.	1.5 mm
d _a - min.	48 mm
r _a - max.	1.5 mm
Minimum Buy Quantity	N/A
r _b - max.	1.5 mm
d _a - max.	50 mm
d _b - min.	54 mm
D _a - max.	81.8 mm
static load capacity:	120 kN
D ₁ ?	75.55 mm
r _{3,4} - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
	1.5 mm

r^{1,2} - min.

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dynamic load capacity:	129 kN
Manufacturer Item Number	NU 2308 ECML
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	129 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	129 kN
Fatigue load limit P_u	15.3 kN
Calculation factor k_r	0.38
Fatigue load limit - P_u	15.3 kN
Calculation factor - k_r	0.38
Basic static load rating C_0	120 kN
Basic static load rating - C_0	120 kN