



**Bearing No. NU 2228 ECML**

D	250 mm
d	140 mm
B	68 mm
F	169 mm
s	4.4 mm
Bore	5.512 Inch   140 Millimeter
Noun	Bearing
Width	2.677 Inch   68 Millimeter
s max.	4.4 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	250x140x68
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	68
Bore Profile	Straight
Mass bearing	15 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	32.893
maximum rpm:	4800 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D <sub>1</sub>	216.7 mm
bore diameter:	140 mm
overall width:	68 mm
cage material:	Brass
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2.5 mm
Bearing number	NU 2228 ECML
Limiting speed	4800 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1   ISO P0
finish/coating:	Uncoated
Reference speed	2800 r/min
ring separation:	Separable Ring
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	9.843 Inch   250 Millimeter
Limiting value e	0.3
Long Description	140MM Bore; Straight Bore Profile; 250MM Outside Diameter; 68MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable;

	C0-Medium Int
outer ring width:	68 mm
Manufacturer Name	SKF
Weight / Kilogram	14.933
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	250 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	250
$r_b$ max.	2.5 mm
$d_a$ max.	165 mm
$d_b$ min.	172 mm
$D_a$ max.	235 mm
$r_a$ max.	2.5 mm
$d_a$ min.	154 mm
Outer Diameter (mm)	140
Axial load factor Y	0.4
internal clearance:	C0
$r_{3,4}$ min.	3 mm
$r_{1,2}$ min.	3 mm
$d_a$ - min.	154 mm
$r_a$ - max.	2.5 mm
Minimum Buy Quantity	N/A
$r_b$ - max.	2.5 mm
$d_a$ - max.	165 mm
$d_b$ - min.	172 mm
$D_a$ - max.	235 mm
static load capacity:	830 kN
$D_1$ ?	216.7 mm
$r_{3,4}$ - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
	3 mm

r<sup>1,2</sup> - min.

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dynamic load capacity:	655 kN
Manufacturer Item Number	NU 2228 ECML
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	655 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	655 kN
Fatigue load limit $P_u$	93 kN
Calculation factor $k_r$	0.3
Fatigue load limit - $P_u$	93 kN
Calculation factor - $k_r$	0.3
Basic static load rating $C_0$	830 kN
Basic static load rating - $C_0$	830 kN