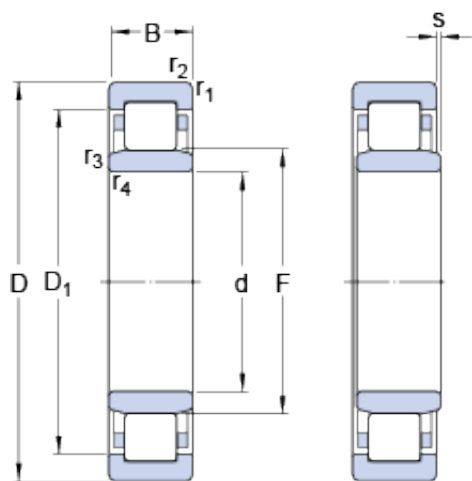




Bearing No. NU 216 ECM

D	140 mm
d	80 mm
B	26 mm
F	95.3 mm
s	1.4 mm
Bore	3.15 Inch 80 Millimeter
Noun	Bearing
Width	1.024 Inch 26 Millimeter
s max.	1.4 mm
UNSPSC	31171547
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	140x80x26
Snap Ring	No
Inventory	3.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	26
Bore Profile	Straight
Mass bearing	1.78 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	4.012
maximum rpm:	5600 RPM
closure type:	Open

Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D ₁	121.7 mm
bore diameter:	80 mm
overall width:	26 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 mm
Bearing number	NU 216 ECM
Limiting speed	5600 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	5300 r/min
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Outside Diameter	5.512 Inch 140 Millimeter
Limiting value e	0.2
Long Description	80MM Bore; Straight Bore Profile; 140MM Outside Diameter; 26MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte

outer ring width:	26 mm
Manufacturer Name	SKF
Weight / Kilogram	1.821
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	140 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	140
r_b max.	2 mm
d_a max.	93 mm
d_b min.	98 mm
D_a max.	129.8 mm
r_a max.	2 mm
d_a min.	90 mm
Outer Diameter (mm)	80
Axial load factor Y	0.6
internal clearance:	C0
$r_{3,4}$ min.	2 mm
$r_{1,2}$ min.	2 mm
d_a - min.	90 mm
r_a - max.	2 mm
Minimum Buy Quantity	N/A
r_b - max.	2 mm
d_a - max.	93 mm
d_b - min.	98 mm
D_a - max.	129.8 mm
static load capacity:	166 kN
D_1 ?	121.7 mm
$r_{3,4}$ - min.	2 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	160 kN

Manufacturer Item Number	NU 216 ECM
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	160 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	160 kN
Fatigue load limit P_u	21.2 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	21.2 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	166 kN
Basic static load rating - C_0	166 kN