



FAG BEARING CORP.



80 mm x 140 mm x 26 mm SKF NU 216 ECM
Belgium Bearing 80*140*26

Bearing No. NU 216 ECM

NU 216 ECM Bearing 2D drawings and 3D CAD models

Size	140x80x26 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	26 mm
d	80 mm
D	140 mm
B	26 mm
D ₁	121.7 mm
F	95.3 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	2 mm
s	1.4 mm
d _a - min.	90 mm
d _a - max.	93 mm
d _b - min.	98 mm
D _a - max.	129.8 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	160 kN
Basic static load rating - C ₀	166 kN
Fatigue load limit - P _u	21.2 kN
Reference speed	5300 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.15



FAG BEARING CORP.

Category	Cylindrical Roller Bearings
Inventory	3.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.821
EAN	7316576624865
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
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	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
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



FAG BEARING CORP.

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 216 ECM
Weight / LBS	4.012
Width	1.024 Inch 26 Millimeter
Bore	3.15 Inch 80 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	80 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	140 mm
maximum rpm:	5600 RPM
overall width:	26 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Brass
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:	26 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	160 kN
series:	NU2
static load capacity:	166 kN
D ₁	121.7 mm
r _{1,2} min.	2 mm



FAG BEARING CORP.

$r_{3,4}$ min.	2 mm
s max.	1.4 mm
d_a min.	90 mm
d_a max.	93 mm
d_b min.	98 mm
D_a max.	129.8 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	160 kN
Basic static load rating C_0	166 kN
Fatigue load limit P_u	21.2 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.78 kg