



## BEARING-MALAYSIA SDN.BHD.



80 mm x 140 mm x 26 mm SKF NU 216 ECM  
thrust ball bearings

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 <sub>1</sub>	121.7 mm
F	95.3 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	2 mm
s	1.4 mm
d <sub>a</sub> - min.	90 mm
d <sub>a</sub> - max.	93 mm
d <sub>b</sub> - min.	98 mm
D <sub>a</sub> - max.	129.8 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	160 kN
Basic static load rating - C <sub>0</sub>	166 kN
Fatigue load limit - P <sub>u</sub>	21.2 kN
Reference speed	5300 r/min
Limiting speed	5600 r/min
Calculation factor - k <sub>r</sub>	0.15



## BEARING-MALAYSIA SDN.BHD.

Category	Cylindrical Roller Bearings
Inventory	3.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.821
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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>



## BEARING-MALAYSIA SDN.BHD.

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 <sub>1</sub>	121.7 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	2 mm



## BEARING-MALAYSIA SDN.BHD.

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