



**80 mm x 140 mm x 26 mm SKF NJ 216 ECP
thrust ball bearings**

Bearing No. NJ 216 ECP

NJ 216 ECP 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	101 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.	104 mm
D _a - max.	129.8 mm
r _a - 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



BEARING MANUFACTURING DE MEXICO,S.A.D...

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.613
EAN	7316577027511
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - One Side
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 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	80MM Bore; Straight Bore Profile; 140MM Outside Diameter; 26MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



BEARING MANUFACTURING DE MEXICO,S.A.D...

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NJ 216 ECP
Weight / LBS	3.553
Outside Diameter	5.512 Inch 140 Millimeter
Width	1.024 Inch 26 Millimeter
Bore	3.15 Inch 80 Millimeter
bore diameter:	80 mm
static load capacity:	166 kN
outside diameter:	140 mm
precision rating:	Not Rated
overall width:	26 mm
maximum rpm:	5600 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Polyamide
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
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:	NJ2
d ₁	101 mm
D ₁	121.7 mm
r _{1,2} min.	2 mm
r _{3,4} min.	2 mm
s max.	1.4 mm



BEARING MANUFACTURING DE MEXICO,S.A.D...

d_a min.	90 mm
d_a max.	93 mm
d_b min.	104 mm
D_a max.	129.8 mm
r_a 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	1.57 kg
Angle ring	HJ 216 EC