



Bearing No. NJ 228 ECJ

F	169 mm
s	2.5 mm
d	140 mm
D	250 mm
B	42 mm
Noun	Bearing
Bore	5.512 Inch 140 Millimeter
Width	1.654 Inch 42 Millimeter
s max.	2.5 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ2
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	250x140x42
Inventory	0.0
Snap Ring	No
Width (mm)	42
bore type:	Straight
Bore Profile	Straight
Mass bearing	8.6 kg
Weight / LBS	18.786
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	3200 RPM
closure type:	Open
Product Group	B04144
Cage Material	Steel
Inch - Metric	Metric
D ₁	215.78 mm
d ₁	179 mm
bore diameter:	140 mm
overall width:	42 mm
cage material:	Steel
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	2.5 mm
Relubricatable	Yes
Bearing number	NJ 228 ECJ
Limiting speed	3200 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	2800 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	9.843 Inch 250 Millimeter
Long Description	140MM Bore; Straight Bore Profile; 250MM Outside Diameter; 42MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Inter
Limiting value e	0.2
ring separation:	Separable Ring
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	42 mm
Weight / Kilogram	8.529
Manufacturer Name	SKF
outside diameter:	250 mm
Bore Diameter (mm)	250
Internal Clearance	C0-Medium
d_a min.	154 mm
d_a max.	165 mm
D_a max.	235 mm
r_a max.	2.5 mm
d_b min.	182 mm
Outer Diameter (mm)	140
Axial load factor Y	0.6
internal clearance:	C0
$r_{3,4}$ min.	3 mm
$r_{1,2}$ min.	3 mm
d_a - min.	154 mm
D_a - max.	235 mm
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
d_a - max.	165 mm
d_b - min.	182 mm
static load capacity:	510 kN
d_1 ?	179 mm
D_1 ?	215.78 mm
$r_{3,4}$ - min.	3 mm
Harmonized Tariff Code	8482.50.00.00

r _{1,2} - min.	3 mm
dynamic load capacity:	450 kN
Manufacturer Item Number	NJ 228 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	450 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	450 kN
Fatigue load limit P _u	57 kN
Calculation factor k _r	0.15
Fatigue load limit - P _u	57 kN
Calculation factor - k _r	0.15
Basic static load rating C ₀	510 kN
Basic static load rating - C ₀	510 kN