



# PCIF BEARING LIMITED



nu 210 ecp Bearing 2D drawings and 3D CAD models

50 mm x 90 mm x 20 mm skf nu 210 ecp bearing

Bearing No. nu 210 ecp

Category	Cylindrical Roller Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.498
EAN	7316577028303
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 - 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	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 20MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both



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	Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
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>
Manufacturer Item Number	NU 210 ECP
Weight / LBS	1.098
D	3.543 Inch   90 Millimeter
B	0.787 Inch   20 Millimeter
d	1.969 Inch   50 Millimeter
bore diameter:	50 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	90 mm
maximum rpm:	9000 RPM
overall width:	20 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Polyamide
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:	20 mm
operating temperature range:	Maximum of +300 ° F



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fillet radius:	1 mm
dynamic load capacity:	73.5 kN
series:	NU2
static load capacity:	69.5 kN
d	50 mm
D	90 mm
B	20 mm
D <sub>1</sub>	77.4 mm
F	59.5 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	1.1 mm
s max.	1.5 mm
d <sub>a</sub> min.	57 mm
d <sub>a</sub> max.	57.5 mm
d <sub>b</sub> min.	61 mm
D <sub>a</sub> max.	82.4 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	73.5 kN
Basic static load rating C <sub>0</sub>	69.5 kN
Fatigue load limit P <sub>u</sub>	8.8 kN
Reference speed	8500 r/min
Limiting speed	9000 r/min
Calculation factor k <sub>r</sub>	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.47 kg
Angle ring	HJ 210 EC