



NTN BEARING DRIVESHAFT, INC.



NU 210 ECP Bearing 2D drawings and 3D CAD models

50 mm x 90 mm x 20 mm SKF NU 210 ECP Cylindrical Roller Bearings

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



NTN BEARING DRIVESHAFT,INC.

	Row; Inner Ring - Both 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	http://www.skf.com
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	Maximum of +300 ° F



NTN BEARING DRIVESHAFT,INC.

range:	
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 ₁	77.4 mm
F	59.5 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	1.1 mm
s max.	1.5 mm
d _a min.	57 mm
d _a max.	57.5 mm
d _b min.	61 mm
D _a max.	82.4 mm
r _a max.	1 mm
r _b max.	1 mm
Basic dynamic load rating C	73.5 kN
Basic static load rating C ₀	69.5 kN
Fatigue load limit P _u	8.8 kN
Reference speed	8500 r/min
Limiting speed	9000 r/min
Calculation factor k _r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.47 kg
Angle ring	HJ 210 EC