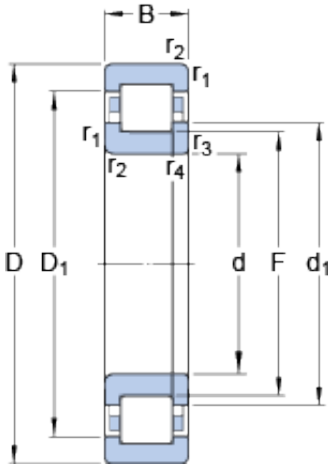




# BROWNING BEARING COMPANY



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

Bearing No. nup 210 ecp

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

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
d <sub>1</sub>	64 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
d <sub>a</sub> - min.	57 mm
d <sub>b</sub> - min.	66 mm
D <sub>a</sub> - max.	82.4 mm
r <sub>a</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
Category	Cylindrical Roller Bearings
Inventory	1.0



## BROWNING BEARING COMPANY

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.528
EAN	7316577108159
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	No
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 with Side Plate   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; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
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>



## BROWNING BEARING COMPANY

Manufacturer Item Number	NUP 210 ECP
Weight / LBS	1.164
Bore	1.969 Inch   50 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Width	0.787 Inch   20 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:	(4) Flanges, Two-Piece Inner 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
fillet radius:	1 mm
dynamic load capacity:	73.5 kN
series:	NUP2
static load capacity:	69.5 kN
d <sub>1</sub>	64 mm
D <sub>1</sub>	77.4 mm
r <sub>1,2</sub> min.	1.1 mm



## BROWNING BEARING COMPANY

$r_{3,4}$ min.	1.1 mm
$d_a$ min.	57 mm
$d_b$ min.	66 mm
$D_a$ max.	82.4 mm
$r_a$ 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
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.5 kg