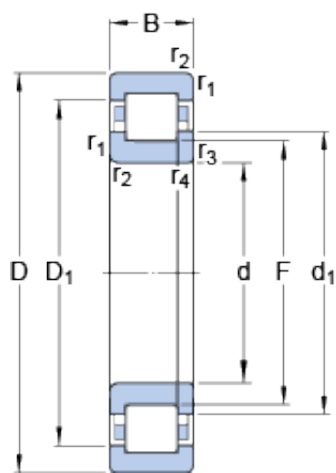




Bearing No. NUP 210 ECP

F	59.5 mm
D	90 mm
B	20 mm
d	50 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	0.787 Inch 20 Millimeter
UNSPSC	31171547
series:	NUP2
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	90x50x20
Inventory	1.0
Snap Ring	No
Width (mm)	20
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.5 kg
Weight / LBS	1.164
maximum rpm:	9000 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open

Product Group	B04144
D ₁	77.4 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	64 mm
overall width:	20 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	1 mm
bore diameter:	50 mm
Bearing number	NUP 210 ECP
Limiting speed	9000 r/min
finish/coating:	Uncoated
Reference speed	8500 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Long Description	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 20MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Limiting value e	0.2
Outside Diameter	3.543 Inch 90 Millimeter

Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	90 mm
outer ring width:	20 mm
bearing material:	Steel
Weight / Kilogram	0.528
d _b min.	66 mm
D _a max.	82.4 mm
d _a min.	57 mm
Bore Diameter (mm)	90
r _a max.	1 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	50
d _a - min.	57 mm
D _a - max.	82.4 mm
Minimum Buy Quantity	N/A
r _a - max.	1 mm
r _{3,4} min.	1.1 mm
r _{1,2} min.	1.1 mm
d _b - min.	66 mm
d ₁ ?	64 mm
D ₁ ?	77.4 mm
static load capacity:	69.5 kN
dynamic load capacity:	73.5 kN
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 210 ECP

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	73.5 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	73.5 kN
Fatigue load limit P_u	8.8 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	8.8 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	69.5 kN
Basic static load rating - C_0	69.5 kN