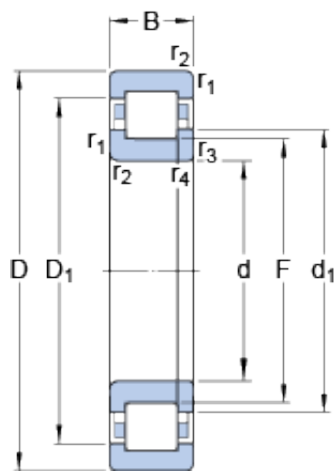




Bearing No. NUP 210 ECJ

B	20 mm
F	59.5 mm
d	50 mm
D	90 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Width	0.787 Inch 20 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP2
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	90x50x20
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	20
bore type:	Straight
maximum rpm:	9000 RPM
Weight / LBS	1.177
Bore Profile	Straight
Mass bearing	0.52 kg
D ₁	77.4 mm
Product Group	B04144
Cage Material	Steel

d ₁	64 mm
closure type:	Open
Inch - Metric	Metric
Bearing number	NUP 210 ECJ
cage material:	Steel
Limiting speed	9000 r/min
fillet radius:	1 mm
overall width:	20 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	50 mm
number of rows:	1
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	8500 r/min
ring separation:	Separable Ring
Long Description	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 20MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Retai
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
Outside Diameter	3.543 Inch 90 Millimeter
bearing material:	Steel

outer ring width:	20 mm
outside diameter:	90 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.534
Bore Diameter (mm)	90
r_a max.	1 mm
d_a min.	57 mm
d_b min.	66 mm
D_a max.	82.4 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	50
internal clearance:	C0
Axial load factor Y	0.6
r_a - max.	1 mm
D_a - max.	82.4 mm
d_b - min.	66 mm
d_a - min.	57 mm
$r_{3,4}$ min.	1.1 mm
$r_{1,2}$ min.	1.1 mm
Minimum Buy Quantity	N/A
d_1 ?	64 mm
static load capacity:	69.5 kN
D_1 ?	77.4 mm
$r_{1,2}$ - min.	1.1 mm
dynamic load capacity:	73.5 kN
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 210 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	73.5 kN

rating C	
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