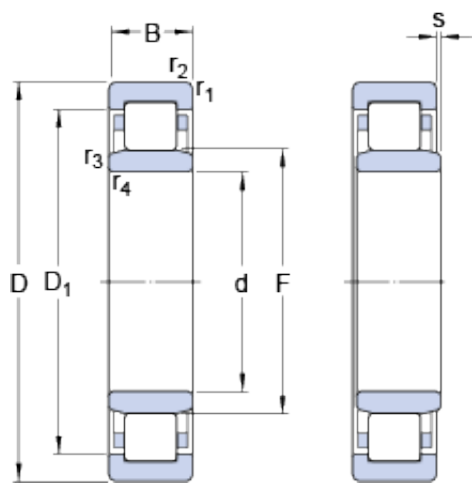




Bearing No. NU 221 ECJ

s	2 mm
F	125 mm
d	105 mm
D	190 mm
B	36 mm
Noun	Bearing
Bore	4.134 Inch 105 Millimeter
Width	1.417 Inch 36 Millimeter
UNSPSC	31171547
s max.	2 mm
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	190x105x36
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	2.0
bore type:	Straight
Width (mm)	36
maximum rpm:	4300 RPM
Weight / LBS	8.808
Bore Profile	Straight
Mass bearing	4.1 kg
closure type:	Open
Product Group	B04144

D ₁	164 mm
Cage Material	Steel
Inch - Metric	Metric
Bearing number	NU 221 ECJ
Relubricatable	Yes
fillet radius:	2 mm
cage material:	Steel
Limiting speed	4300 r/min
bore diameter:	105 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	36 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	3800 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	7.48 Inch 190 Millimeter
Limiting value e	0.2
Long Description	105MM Bore; Straight Bore Profile; 190MM Outside Diameter; 36MM Width; Steel Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF

outer ring width:	36 mm
Weight / Kilogram	3.999
precision rating:	Not Rated
outside diameter:	190 mm
bearing material:	Steel
r_b max.	2 mm
Internal Clearance	C0-Medium
r_a max.	2 mm
D_a max.	177.3 mm
d_b min.	128 mm
d_a max.	122 mm
d_a min.	117 mm
Bore Diameter (mm)	190
Outer Diameter (mm)	105
internal clearance:	C0
Axial load factor Y	0.6
Minimum Buy Quantity	N/A
r_a - max.	2 mm
d_a - min.	117 mm
r_b - max.	2 mm
d_a - max.	122 mm
d_b - min.	128 mm
D_a - max.	177.3 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
D_1 ?	164.2 mm
static load capacity:	315 kN
$r_{3,4}$ - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	300 kN
Manufacturer Item Number	NU 221 ECJ

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	300 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	300 kN
Fatigue load limit P_u	36.5 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	36.5 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	315 kN
Basic static load rating - C_0	315 kN