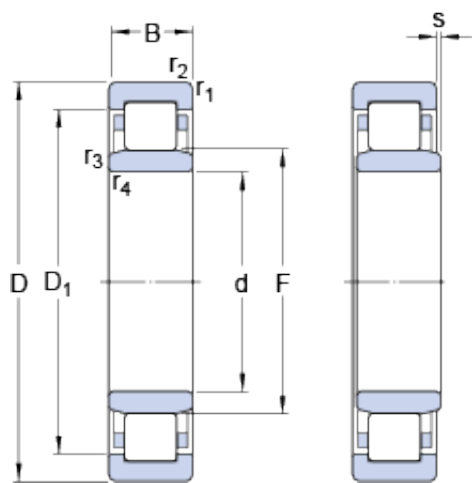




Bearing No. NU 2318 ECJ

s	6 mm
F	113.5 mm
d	90 mm
D	190 mm
B	64 mm
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	2.52 Inch 64 Millimeter
UNSPSC	31171547
s max.	6 mm
series:	NU23
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	190x90x64
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	64
maximum rpm:	4550 RPM
Weight / LBS	18.281
Bore Profile	Straight
Mass bearing	8.1 kg
closure type:	Open
Product Group	B04144
D ₁	160.3 mm

Cage Material	Steel
Inch - Metric	Metric
Bearing number	NU 2318 ECJ
Relubricatable	Yes
fillet radius:	2.5 mm
cage material:	Steel
Limiting speed	4500 r/min
bore diameter:	90 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	64 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	3800 r/min
Precision Class	RBEC 1 ISO P0
Limiting value e	0.3
Long Description	90MM Bore; Straight Bore Profile; 190MM Outside Diameter; 64MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Outside Diameter	7.48 Inch 190 Millimeter
outside diameter:	190 mm
Manufacturer Name	SKF

outer ring width:	64 mm
Weight / Kilogram	8.3
precision rating:	Not Rated
bearing material:	Steel
r_b max.	2.5 mm
Internal Clearance	C0-Medium
r_a max.	2.5 mm
D_a max.	175.3 mm
d_b min.	116 mm
d_a max.	110 mm
d_a min.	104 mm
Bore Diameter (mm)	190
Outer Diameter (mm)	90
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
d_a - min.	104 mm
r_b - max.	2.5 mm
d_a - max.	110 mm
d_b - min.	116 mm
D_a - max.	175.3 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
D_1 ?	160.25 mm
static load capacity:	540 kN
$r_{3,4}$ - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	500 kN
Manufacturer Item Number	NU 2318 ECJ
Number of Rows of	Single Row

Rollers	
Basic dynamic load rating C	500 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	500 kN
Fatigue load limit P_u	65.5 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	65.5 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	540 kN
Basic static load rating - C_0	540 kN