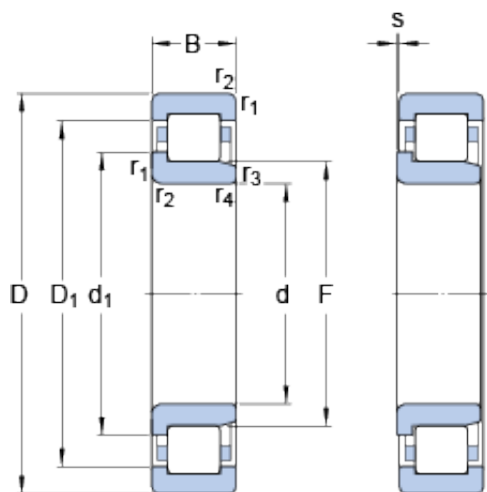




Bearing No. NJ 2318 ECJ

F	113.5 mm
d	90 mm
D	190 mm
B	64 mm
s	6 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Width	2.52 Inch 64 Millimeter
UNSPSC	31171547
s max.	6 mm
Profile	Complete with Outer and Inner Ring
series:	NJ
flanges:	(1) Flange in Inner Ring, (2) Flanges on Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - One Side
Size (mm)	190x90x64
bore type:	Straight
Width (mm)	64
Bore Profile	Straight
Mass bearing	8.27 kg
Weight / LBS	18.53
maximum rpm:	4500 rpm
Inch - Metric	Metric
closure type:	Open

Product Group	B04144
D ₁	160.3 mm
Cage Material	Steel
d ₁	124 mm
bore diameter:	90 mm
overall width:	64 mm
cage material:	Pressed Steel
Relubricatable	Yes
Bearing number	NJ 2318 ECJ
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Limiting speed	4500 r/min
number of rows:	1
finish/coating:	Uncoated
Reference speed	3800 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Outside Diameter	7.48 Inch 190 Millimeter
Long Description	90MM Bore; Straight Bore Profile; 190MM Outside Diameter; 64MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Limiting value e	0.3
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	190 mm

Manufacturer Name	SKF
Weight / Kilogram	8.413
Internal Clearance	C0-Medium
Bore Diameter (mm)	190
d _a min.	104 mm
r _a max.	2.5 mm
d _a max.	110 mm
D _a max.	175.3 mm
d _b min.	127 mm
Axial load factor Y	0.4
Outer Diameter (mm)	90
d _a - min.	104 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm
d _a - max.	110 mm
d _b - min.	127 mm
D _a - max.	175.3 mm
r _a - max.	2.5 mm
Minimum Buy Quantity	N/A
D ₁ ?	160.25 mm
static load capacity:	540 kN
d ₁ ?	124 mm
dynamic load capacity:	500 kN
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
manufacturer upc number:	7316577724113
Manufacturer Item Number	NJ 2318 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	500 kN

rating C	
operating temperature range:	Maximum 302 °F
Basic dynamic load rating - C	500 kN
Fatigue load limit P_u	65.5 kN
Calculation factor k_r	0.25
Calculation factor - k_r	0.25
Fatigue load limit - P_u	65.5 kN
Basic static load rating C_0	540 kN
Basic static load rating - C_0	540 kN