



NTN Bearing de Mexico, S.A.



90 mm x 190 mm x 64 mm SKF NU 2318 ECP Cylindrical Roller Bearings

Bearing No. NU 2318 ECP

NU 2318 ECP Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	8.173
EAN	7316577032058
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	90MM Bore; Straight Bore Profile; 190MM Outside Diameter; 64MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single



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	Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 2318 ECP
Weight / LBS	18.003
B	2.52 Inch 64 Millimeter
D	7.48 Inch 190 Millimeter
d	3.543 Inch 90 Millimeter
bore diameter:	90 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	190 mm
maximum rpm:	4550 RPM
overall width:	64 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	64 mm
operating temperature	Maximum of +300 ° F



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range:	
fillet radius:	2.5 mm
dynamic load capacity:	500 kN
series:	NU23
static load capacity:	540 kN
d	90 mm
D	190 mm
B	64 mm
D ₁	160.25 mm
F	113.5 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm
s max.	6 mm
d _a min.	104 mm
d _a max.	110 mm
d _b min.	116 mm
D _a max.	175.3 mm
r _a max.	2.5 mm
r _b max.	2.5 mm
Basic dynamic load rating C	500 kN
Basic static load rating C ₀	540 kN
Fatigue load limit P _u	65.5 kN
Reference speed	3800 r/min
Limiting speed	4500 r/min
Calculation factor k _r	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	7.98 kg