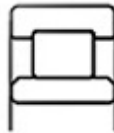




# GOOD QUALITY BEARINGS LIMITED



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

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

Bearing No. NU 2318 ECP

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	<a href="http://www.skf.com">http://www.skf.com</a>
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 <sub>1</sub>	160.25 mm
F	113.5 mm
r <sub>1,2</sub> min.	3 mm
r <sub>3,4</sub> min.	3 mm
s max.	6 mm
d <sub>a</sub> min.	104 mm
d <sub>a</sub> max.	110 mm
d <sub>b</sub> min.	116 mm
D <sub>a</sub> max.	175.3 mm
r <sub>a</sub> max.	2.5 mm
r <sub>b</sub> max.	2.5 mm
Basic dynamic load rating C	500 kN
Basic static load rating C <sub>0</sub>	540 kN
Fatigue load limit P <sub>u</sub>	65.5 kN
Reference speed	3800 r/min
Limiting speed	4500 r/min
Calculation factor k <sub>r</sub>	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	7.98 kg