



**Bearing No. NUP 213 ECJ**

B	23 mm
F	78.5 mm
d	65 mm
D	120 mm
Noun	Bearing
Bore	2.559 Inch   65 Millimeter
Width	0.906 Inch   23 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP2
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	120x65x23
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	23
bore type:	Straight
maximum rpm:	6700 RPM
Weight / LBS	2.56
Bore Profile	Straight
Mass bearing	1.13 kg
D <sub>1</sub>	103.2 mm
Product Group	B04144
d <sub>1</sub>	84.4 mm

Cage Material	Steel
Inch - Metric	Metric
closure type:	Open
Bearing number	NUP 213 ECJ
cage material:	Steel
Limiting speed	6700 r/min
overall width:	23 mm
Other Features	High Capacity   1 Rib Inner Ring with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	65 mm
fillet radius:	1.5 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1   ISO P0
Reference speed	6300 r/min
number of rows:	1
Outside Diameter	4.724 Inch   120 Millimeter
ring separation:	Separable Ring
Long Description	65MM Bore; Straight Bore Profile; 120MM Outside Diameter; 23MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Reta
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Limiting value e	0.2
bearing material:	Steel

outer ring width:	23 mm
outside diameter:	120 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	1.162
Bore Diameter (mm)	120
r <sub>a</sub> max.	1.5 mm
d <sub>a</sub> min.	76 mm
d <sub>b</sub> min.	87 mm
D <sub>a</sub> max.	110.6 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	65
internal clearance:	C0
Axial load factor Y	0.6
r <sub>a</sub> - max.	1.5 mm
D <sub>a</sub> - max.	110.6 mm
d <sub>b</sub> - min.	87 mm
d <sub>a</sub> - min.	76 mm
r <sub>3,4</sub> min.	1.5 mm
r <sub>1,2</sub> min.	1.5 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	84.4 mm
static load capacity:	118 kN
D <sub>1</sub> ?	103.2 mm
r <sub>1,2</sub> - min.	1.5 mm
dynamic load capacity:	122 kN
r <sub>3,4</sub> - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 213 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	122 kN

rating C	
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	122 kN
Fatigue load limit $P_u$	15.6 kN
Calculation factor $k_f$	0.15
Fatigue load limit - $P_u$	15.6 kN
Calculation factor - $k_f$	0.15
Basic static load rating $C_0$	118 kN
Basic static load rating - $C_0$	118 kN