



Bearing No. NU2209

C	23 mm
F	55 mm
E	75 mm
d	45 mm
D	85 mm
B	23 mm
Fw	55 mm
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
Width	0.906 Inch 23 Millimeter
Da max	78.5 mm
db min	57 mm
Weight	0,53 Kg
da max	54 mm
da min	51.5 mm
UNSPSC	31171547
ra max	1 mm
rs min	1.1 mm
r min.	1,1 mm
r1a max	1 mm
Profile	Complete with Outer and Inner Ring
series:	NU
r1s min	1.1 mm
r1 min.	1,1 mm
Retainer	Yes
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing

Inventory	0.0
Snap Ring	No
Size (mm)	45x85x23
Separable	Inner Ring - Both Sides
Nlim (oil)	9,000 rpm
bore type:	Straight
Width (mm)	23
Weight / LBS	1.169
Bore Profile	Straight
maximum rpm:	9000 rpm
Cage Material	Steel
Product Group	B04144
closure type:	Open
Inch - Metric	Metric
Nlim (grease)	7,600 rpm
fillet radius:	1 mm
Relubricatable	Yes
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
cage material:	Pressed Steel
bore diameter:	45 mm
overall width:	23 mm
Bearing number	NU2209
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Static load, C0	68 kN
Dynamic load, C	61.5 kN
finish/coating:	Uncoated
number of rows:	1
Manufacturer URL	http://www.ntnamerica.com

Outside Diameter	3.346 Inch 85 Millimeter
ring separation:	Separable Inner Ring
Long Description	45MM Bore; Straight Bore Profile; 85MM Outside Diameter; 23MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
outside diameter:	85 mm
outer ring width:	23 mm
Manufacturer Name	NTN
bearing material:	Hardened Alloy Steel
Weight / Kilogram	0.529
precision rating:	ISO Class 0
Bore Diameter (mm)	45
Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	85
Minimum Buy Quantity	N/A
static load capacity:	68000 N
Fatigue limit load, Cu	8.3 kN
dynamic load capacity:	61500 N
Radial clearance class	CN
Harmonized Tariff Code	8482.50.00.00
Mass (without HJ ring)	0.55 kg
Manufacturer Item Number	NU2209
Number of Rows of Rollers	Single Row
(Grease) Lubrication Speed	7 600 r/min

manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	61,5 kN
Basic static load rating (C0)	68 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	5.92 Hz
Characteristic inner ring frequency, BPF1	8.08 Hz
Characteristic rolling element frequency, BSF	6.35 Hz