

# AXK1100 NTN (Grease)

## Lubrication Speed 3500 r/min

### 10x24x2mm Needle roller bearings

Dc1	10 mm
Dc	24 mm
Dw	2 mm
Lw	4.5 mm
Bearing ring (washer) AS	AS1100
Bearing ring (inner ring) WS	WS81100
Bearing ring (outer ring) GS	GS81100
Cage assembly mass	0.0028 kg
Ca	9.15 kN
C0a	25.3 kN
Nlim (grease)	3.500 rpm
Nlim (oil)	14.000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.5 Hz
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BRFI	7 Hz
Bearing number	AXK1100
Size (mm)	10x24x2
Brand	NTN
Bore Diameter (mm)	10

Outer Diameter (mm)	24
Width (mm)	2
d	10 mm
D	24 mm
H	2 mm
Ea	21.7 mm
Eb	12.3 mm
Weight	0.0028 Kg
Basic dynamic load rating (C)	9.15 kN
Basic static load rating (C0)	25.3 kN
(Grease) Lubrication Speed	3500 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.003
EAN	4547359022902
Product Group – BDI	B04144
bore diameter:	10 mm
static load capacity:	2580 kgf
outside diameter:	24 mm
maximum rpm:	14000 RPM
bearing material:	Chrome Steel
fillet radius:	0.3 mm
cage material:	Steel
series:	AXK11
dynamic load capacity:	935 kgf