

# AXK1118 NTN 90x120x4mm Outer Diameter 120mm Needle roller bearings

Dc1	90 mm
Dc	120 mm
Dw	4 mm
Lw	9.8 mm
Bearing ring (washer) AS	AS1118
Bearing ring (inner ring) WS	WS81118
Bearing ring (outer ring) GS	GS81118
Cage assembly mass	0.09 kg
Ca	71 kN
C0a	390 kN
Nlim (grease)	600 rpm
Nlim (oil)	2.300 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	26.61 Hz
Characteristic outer ring frequency, BPF0	24 Hz
Characteristic inner ring frequency, BRFI	24 Hz
Bearing number	AXK1118
Size (mm)	90x120x4
Brand	NTN
Bore Diameter (mm)	90
Outer Diameter (mm)	120
Width (mm)	4

d	90 mm
D	120 mm
H	4 mm
Ea	116.4 mm
Eb	96.5 mm
Weight	0.086 Kg
Basic dynamic load rating (C)	71 kN
Basic static load rating (C0)	390 kN
(Grease) Lubrication Speed	600 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.074
EAN	4547359023084
Product Group – BDI	B04144
bore diameter:	90 mm
static load capacity:	39500 kgf
outside diameter:	120 mm
maximum rpm:	2300 RPM
bearing material:	Chrome Steel
fillet radius:	1 mm
cage material:	Steel
series:	AXK11
dynamic load capacity:	7250 kgf