

# AXK1111 NTN 55x78x3mm BDI Inventory 0.0 Needle roller bearings

Dc1	55 mm
Dc	78 mm
Dw	3 mm
Lw	6.8 mm
Bearing ring (washer) AS	AS1111
Bearing ring (inner ring) WS	WS81111
Bearing ring (outer ring) GS	GS81111
Cage assembly mass	0.03 kg
Ca	38 kN
C0a	186 kN
Nlim (grease)	900 rpm
Nlim (oil)	3.500 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	22.65 Hz
Characteristic outer ring frequency, BPF0	22 Hz
Characteristic inner ring frequency, BPF1	22 Hz
Bearing number	AXK1111
Size (mm)	55x78x3
Brand	NTN
Bore Diameter (mm)	55
Outer Diameter (mm)	78
Width (mm)	3

d	55 mm
D	78 mm
H	3 mm
Ea	74.9 mm
Eb	61 mm
Weight	0.0308 Kg
Basic dynamic load rating (C)	38 kN
Basic static load rating (C0)	186 kN
(Grease) Lubrication Speed	900 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.026
EAN	4547359023015
Product Group – BDI	B04144
bore diameter:	55 mm
static load capacity:	19000 kgf
outside diameter:	78 mm
maximum rpm:	3500 RPM
bearing material:	Chrome Steel
fillet radius:	0.6 mm
cage material:	Steel
series:	AXK11
dynamic load capacity:	3850 kgf