

# AXK1107 NTN Bearing ring (inner ring) WS WS81107 35x52x2mm Needle roller bearings

Dc1	35 mm
Dc	52 mm
Dw	2 mm
Lw	4.8 mm
Bearing ring (washer) AS	AS1107
Bearing ring (inner ring) WS	WS81107
Bearing ring (outer ring) GS	GS81107
Cage assembly mass	0.01 kg
Ca	17.8 kN
C0a	81.5 kN
Nlim (grease)	1.400 rpm
Nlim (oil)	5.500 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	22.22 Hz
Characteristic outer ring frequency, BPF0	21 Hz
Characteristic inner ring frequency, BRFI	21 Hz
Bearing number	AXK1107
Size (mm)	35x52x2
Brand	NTN
Bore Diameter (mm)	35

Outer Diameter (mm)	52
Width (mm)	2
d	35 mm
D	52 mm
H	2 mm
Ea	49.4 mm
Eb	39.5 mm
Weight	0.01 Kg
Basic dynamic load rating (C)	17.8 kN
Basic static load rating (C0)	81.5 kN
(Grease) Lubrication Speed	1400 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.01
EAN	4547359022971
Product Group – BDI	B04144
bore diameter:	35 mm
static load capacity:	8300 kgf
outside diameter:	52 mm
maximum rpm:	5500 RPM
bearing material:	Chrome Steel
fillet radius:	0.6 mm
cage material:	Steel
series:	AXK11
dynamic load capacity:	1820 kgf