

# AXK1103 NTN 17x30x2mm Characteristic inner ring frequency, BPF1 11 Hz Needle roller bearings

Dc1	17 mm
Dc	30 mm
Dw	2 mm
Lw	4.5 mm
Bearing ring (washer) AS	AS1103
Bearing ring (inner ring) WS	WS81103
Bearing ring (outer ring) GS	GS81103
Cage assembly mass	0.004 kg
Ca	11.9 kN
C0a	39.5 kN
Nlim (grease)	2.500 rpm
Nlim (oil)	10.000 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	11.92 Hz
Characteristic outer ring frequency, BPF0	11 Hz
Characteristic inner ring frequency, BPF1	11 Hz
Bearing number	AXK1103
Size (mm)	17x30x2
Brand	NTN
Bore Diameter (mm)	17

Outer Diameter (mm)	30
Width (mm)	2
d	17 mm
D	30 mm
H	2 mm
Ea	28.5 mm
Eb	19.2 mm
Weight	0.004 Kg
Basic dynamic load rating (C)	11.9 kN
Basic static load rating (C0)	39.5 kN
(Grease) Lubrication Speed	2500 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.004
EAN	4547359022933
Product Group – BDI	B04144
bore diameter:	17 mm
static load capacity:	4050 kgf
outside diameter:	30 mm
maximum rpm:	10000 RPM
bearing material:	Chrome Steel
fillet radius:	0.3 mm
cage material:	Steel
series:	AXK11
dynamic load capacity:	1220 kgf