

# AXK1120 NTN Category Roller Bearings 100x135x4mm Needle roller bearings

Dc1	100 mm
Dc	135 mm
Dw	4 mm
Lw	11.8 mm
Bearing ring (washer) AS	AS1120
Bearing ring (inner ring) WS	WS81120
Bearing ring (outer ring) GS	GS81120
Cage assembly mass	0.11 kg
Ca	90.5 kN
C0a	550 kN
Nlim (grease)	500 rpm
Nlim (oil)	2.000 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	29.86 Hz
Characteristic outer ring frequency, BPF0	28 Hz
Characteristic inner ring frequency, BRFI	28 Hz
Bearing number	AXK1120
Size (mm)	100x135x4
Brand	NTN
Bore Diameter (mm)	100
Outer Diameter (mm)	135
Width (mm)	4

d	100 mm
D	135 mm
H	4 mm
Ea	131.4 mm
Eb	107.5 mm
Weight	0.112 Kg
Basic dynamic load rating (C)	90.5 kN
Basic static load rating (C0)	550 kN
(Grease) Lubrication Speed	500 r/min
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.097
Product Group – BDI	B04144
bore diameter:	3.9370 in
overall width:	0.1575 in
outside diameter:	5.3150 in
manufacturer upc number:	4547359023091