

# INA K9X12X13-TV needle roller bearings

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d	20 mm
D	47 mm
C	24 mm
F	25 mm
B	25 mm
e	37 mm
R	500 mm
Dw	2.5 mm
Lw	15.3 mm
Bearing with/without cage	Avec
Radial clearance class	CN
Precision class	P0
Mass	0.25 kg
Cr	20.7 kN
C0r	33.5 kN
Track load capacity spherical outer ring	4.7 kN
Nlim (grease)	6,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.91 Hz
Characteristic outer ring frequency, BPF0	10 Hz

Characteristic inner ring frequency, BPFI	12 Hz
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