

# NSK RNAF172513 needle roller bearings

We work closely with our NSK RNAF172513 needle roller bearings 95 mm D manufacturing partners to bring the best value to customers. 60 mm d

d	60 mm
D	95 mm
B	18 mm
d1	71.9 mm
D1	83.2 mm
D2	87.82 mm
a	9 mm
Contact angle $\alpha$	25 °
rs min	1.1 mm
r1s min	1 mm
f $\theta$	16.13
Precision class	P4
Mass	0.42 kg
Dynamic load, C	31.1 kN
Static load, C $\theta$	29.2 kN
Fatigue limit load, C $u$	1.66 kN
Nlim (oil)	21,000 rpm
Nlim (grease)	13,500 rpm
Axial displacement K Factor	0.5
Preload level	7
Preload value	0.27 kN
Axial rigidity	182 N/ $\mu$ m

Radial rigidity	388 N/ $\mu$ m
Min operating temperature, T <sub>min</sub>	-30 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.03 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	9.77 Hz
Characteristic inner ring frequency, BRFI	12.23 Hz
d <sub>a min</sub>	67 mm
d <sub>b min</sub>	67 mm
D <sub>a max</sub>	88 mm
D <sub>b max</sub>	88 mm
r <sub>1a max</sub>	1 mm
r <sub>a max</sub>	1 mm
D <sub>6</sub>	74.9 mm