

# NTN GK42X47X21.8 needle roller bearings

What is NTN GK42X47X21.8 needle roller bearings in mechanical engineering? 25x52x15 Size (mm) Manufacturing Service . Upload your CAD file for an instant.

Size (mm)	25x52x15
Bore Diameter (mm)	25,000
Outer Diameter (mm)	52,000
Width (mm)	15,000
d	25,000 mm
D	52,000 mm
B	15,000 mm
C	15,000 mm
E	46.5 mm
F	31.5 mm
D1	43.8 mm
rs min	1 mm
rls min	0.6 mm
Radial clearance class	CN
Mass (without HJ ring)	0.14 kg
Dynamic load, C	28.5 kN
Static load, C0	26.7 kN
Fatigue limit load, Cu	3.25 kN
Nref	12,000 rpm
Nlim	17,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.01 Hz
Characteristic outer ring frequency, BPF0	5.25 Hz
Characteristic inner ring frequency, BRFI	7.75 Hz
da min	29 mm
da max	31 mm
Da max	47 mm
ra max	1 mm
r1a max	0.6 mm