

INA KBK 9x13x12,5 needle roller bearings

INA KBK 9x13x12,5 needle roller bearings Engineering 17 mm d Calculator 7 mm B , Manufacturing Service . Get Your Free.

d	17 mm
D	30 mm
B	7 mm
d1	21 mm
D1	26.6 mm
D2	28.22 mm
a	7 mm
Contact angle α	15 °
rs min	0.3 mm
r1s min	0.3 mm
f θ	12.71
Precision class	P4
Mass	0.02 kg
Dynamic load, C	4.7 kN
Static load, C θ	2.7 kN
Fatigue limit load, C u	0.16 kN
Nlim (oil)	74,000 rpm
Nlim (grease)	49,000 rpm
Axial displacement K Factor	2.12
Preload level	7
Preload value	0.025 kN
Axial rigidity	20 N/ μ m
Radial rigidity	117 N/ μ m

Min operating temperature, T _{min}	-30 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.84 Hz
Characteristic outer ring frequency, BPF ₀	5.87 Hz
Characteristic inner ring frequency, BPF _I	8.13 Hz
d _{a min}	19.5 mm
d _{b min}	19.5 mm
D _{a max}	27.5 mm
D _{b max}	27.5 mm
r _{1a max}	0.3 mm
r _{a max}	0.3 mm
D ₆	22.5 mm