

# KOYO MK8121 needle roller bearings

KOYO MK8121 needle roller bearings Needs Analysis , 670 mm d Manufacturing Service . Get Your Free.

d	670 mm
D	820 mm
B	69 mm
rs min	4 mm
Radial clearance class	C3
Mass	75.1 kg
Dynamic load, C	425 kN
Static load, C0	850 kN
Fatigue limit load, Cu	14.2 kN
f0	15.9
Nlim (oil)	700 rpm
Nlim (grease)	500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.7 Hz
Characteristic outer ring frequency, BPF0	12.7 Hz
Characteristic inner ring frequency, BRFI	14.31 Hz
da min	686 mm
Da max	804 mm
ra max	3 mm