

KOYO RNA2210 needle roller bearings

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d	260 mm
D	440 mm
B	144 mm
d2	322.9 mm
D1	388.9 mm
rs min	4 mm
Number of lubrication holes	8
b	20.15 mm
k	12 mm
e	0.3
Y1	2.25
Y2	3.34
Y0	2.2
Radial clearance class	C3
Mass	91.2 kg
Dynamic load, C	2,930 kN
Static load, C0	4,340 kN
Fatigue limit load, Cu	239 kN
Nref	950 rpm
Nlim	1,400 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C

Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.13 Hz
Characteristic outer ring frequency, BPF0	10.13 Hz
Characteristic inner ring frequency, BRFI	12.87 Hz
da min	277 mm
Da max	423 mm
ra max	3 mm