

# Toyana 7003 C-U0 angular contact ball bearings

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d	65 mm
D	120 mm
B	23 mm
a min	3.86 mm
a max	4.06 mm
Ca min	6.58 mm
Ca max	6.88 mm
rs min	1.5 mm
rNs min	0.5 mm
D3 max	115.21 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	129.7 mm
f	2.82 mm
Snap ring reference	R120
Radial clearance class	CN
Mass	0.99 kg
Dynamic load, C	57.5 kN
Static load, C0	40 kN
Fatigue limit load, Cu	1.82 kN
f0	14.4

Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.37 Hz
Characteristic outer ring frequency, BPF0	4.1 Hz
Characteristic inner ring frequency, BRFI	5.9 Hz
da min	73 mm
da max	80.5 mm
Da max	112 mm
ra max	1.5 mm
rNa max	0.5 mm
Db min	131.5 mm