



Bearing No. 7211CG1UJ74

a	21 mm
d	55 mm
D	100 mm
B	21 mm
C	21 mm
d1	69 mm
f0	14.49
D2	93.02 mm
D1	85.8 mm
D6	73.8 mm
Mass	0.62 kg
Db max	91.5 mm
Da max	91.5 mm
rs min	1.5 mm
ra max	1.5 mm
db min	63.5 mm
da min	63.5 mm
r1a max	1 mm
r1s min	1 mm
Size (mm)	55x100x21
Width (mm)	21
Nlim (oil)	21,000 rpm
Preload level	7
Nlim (grease)	13,500 rpm
Preload value	0.3 kN
Axial rigidity	84 N/μm
Bearing number	7211CG1UJ74
Radial rigidity	472 N/μm
Dynamic load, C	55.5 kN
Precision class	P4

Angle (?)	15 °
Static load, C0	42.9 kN
Contact angle ?	15 °
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Fatigue limit load, Cu	2.3 kN
Axial displacement K Factor	1.17
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	6.16 Hz
Characteristic inner ring frequency, BRFI	8.84 Hz
Characteristic rolling element frequency, BSF	5.25 Hz