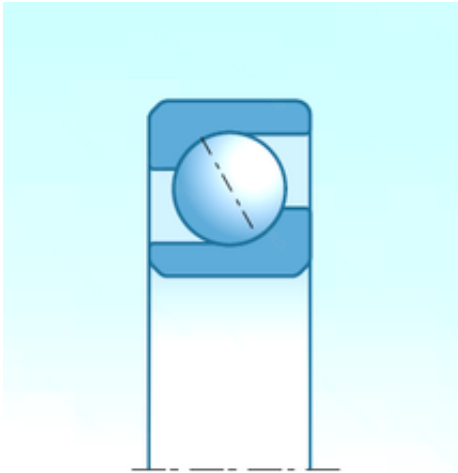




Bearing No. 7001UCG/GNP42

a	6.8 mm
d	12 mm
D	28 mm
B	8 mm
C	8 mm
D6	18.1 mm
d2	16.7 mm
f0	13.4
D2	25.6 mm
D1	23.1 mm
d1	17.9 mm
Mass	0.02 kg
ra max	0.3 mm
rs min	0.3 mm
Db max	26.8 mm
Da max	25.5 mm
da min	14.5 mm
r1a max	0.15 mm
r1s min	0.15 mm
Size (mm)	12x28x8
Width (mm)	8
Nlim (oil)	91,400 rpm
Preload value	0.039 kN
Nlim (grease)	57,100 rpm
Preload level	GN
Axial rigidity	24.8 N/μm
Bearing number	7001UCG/GNP42
Static load, C0	2.93 kN
Radial rigidity	128.4 N/μm
Dynamic load, C	5.8 kN

Precision class	P42
Angle (?)	15 °
Contact angle ?	15 °
Bore Diameter (mm)	12
Outer Diameter (mm)	28
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic outer ring frequency, BPF0	3.88 Hz
Characteristic inner ring frequency, BPFI	6.12 Hz
Characteristic rolling element frequency, BSF	4.09 Hz