



BEARING CORP. LTD.



60 mm x 110 mm x 22 mm SNR 7212CG1UJ74
angular contact ball bearings

Bearing No. 7212CG1UJ74

7212CG1UJ74 Bearing 2D drawings and 3D CAD models

Size	60x110x22 mm
Bore Diameter	60 mm
Outer Diameter	110 mm
Width	22 mm
d	60 mm
D	110 mm
B	22 mm
C	22 mm
Angle (°)	15 °
d1	76 mm
D1	95.5 mm
D2	103.05 mm
a	22 mm
Contact angle	15 °
rs min	1.5 mm
r1s min	1 mm
f0	14.47
Precision class	P4
Mass	0.81 kg
Dynamic load, C	67.1 kN
Static load, C0	52.8 kN
Fatigue limit load, Cu	2.8 kN
Nlim (oil)	19,500 rpm
Nlim (grease)	12,500 rpm
Axial displacement K Factor	1.14



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Preload level	7
Preload value	0.35 kN
Axial rigidity	90 N/ μ m
Radial rigidity	513 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.23 Hz
Characteristic outer ring frequency, BPF0	6.16 Hz
Characteristic inner ring frequency, BPFI	8.84 Hz
da min	68.5 mm
db min	68.5 mm
Da max	101.5 mm
Db max	101.5 mm
r1a max	1 mm
ra max	1.5 mm
D6	81.5 mm