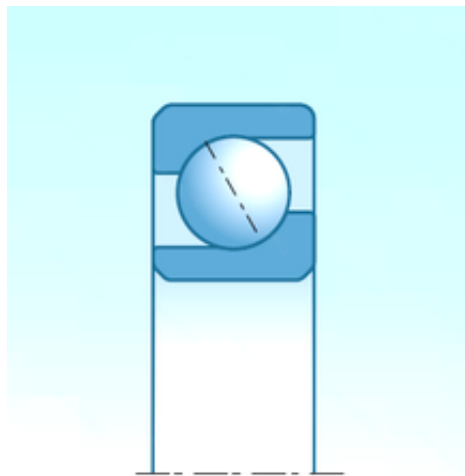




BM Bearing Power Machinery Co., Ltd.



100 mm x 180 mm x 34 mm SNR 7220CG1UJ74 SNR Bearings

Bearing No. 7220CG1UJ74

7220CG1UJ74 Bearing 2D drawings and 3D CAD models

Size	100x180x34 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	34 mm
d	100 mm
D	180 mm
B	34 mm
C	34 mm
Angle (°)	15 °
d1	127.3 mm
D1	153 mm
D2	168 mm
a	36 mm
Contact angle	15 °
rs min	2.1 mm
r1s min	1.1 mm
f0	14.56
Precision class	P4
Mass	3.23 kg
Dynamic load, C	148 kN
Static load, C0	127 kN
Fatigue limit load, Cu	5.7 kN
Nlim (oil)	12,000 rpm
Nlim (grease)	7,500 rpm
Axial displacement K Factor	1.06



BM Bearing Power Machinery Co., Ltd.

Preload level	7
Preload value	0.92 kN
Axial rigidity	138 N/ μ m
Radial rigidity	784 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	5.34 Hz
Characteristic outer ring frequency, BPF0	5.77 Hz
Characteristic inner ring frequency, BPFI	8.23 Hz
da min	112 mm
db min	112 mm
Da max	168 mm
Db max	168 mm
r1a max	1 mm
ra max	2 mm
D6	131 mm