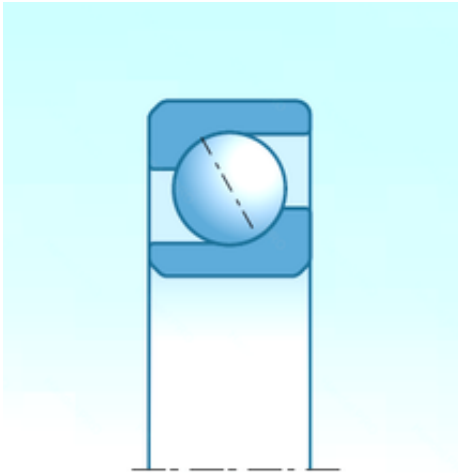




Bearing No. 7220HG1UJ74

a	50 mm
d	100 mm
D	180 mm
B	34 mm
C	34 mm
d1	127.3 mm
f0	14.82
D2	168 mm
D1	153 mm
D6	131 mm
Mass	3.23 kg
Db max	168 mm
Da max	168 mm
rs min	2.1 mm
ra max	2 mm
db min	112 mm
da min	112 mm
r1a max	1 mm
r1s min	1.1 mm
Size (mm)	100x180x34
Width (mm)	34
Nlim (oil)	10,500 rpm
Preload level	7
Nlim (grease)	6,800 rpm
Preload value	1.4 kN
Axial rigidity	320 N/μm
Bearing number	7220HG1UJ74
Radial rigidity	682 N/μm
Dynamic load, C	141 kN
Precision class	P4

Angle (?)	20 °
Static load, C0	121 kN
Contact angle ?	25 °
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Fatigue limit load, Cu	5.7 kN
Axial displacement K Factor	0.5
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	5.85 Hz
Characteristic inner ring frequency, BPFI	8.15 Hz
Characteristic rolling element frequency, BSF	5.36 Hz