



# ALL TYPES BEARINGS BUSINESS CO.,LTD.



170 mm x 230 mm x 28 mm SNR 71934CVUJ74  
angular contact ball bearings

Bearing No. 71934CVUJ74

71934CVUJ74 Bearing 2D drawings and 3D CAD  
models

Size	170x230x28 mm
Bore Diameter	170 mm
Outer Diameter	230 mm
Width	28 mm
d	170 mm
D	230 mm
B	28 mm
C	28 mm
Angle ( ° )	15 °
d1	190 mm
D1	210.02 mm
D2	217.61 mm
a	41 mm
Contact angle	15 °
rs min	2 mm
r1s min	1 mm
f0	16.87
Precision class	P4
Mass	2.91 kg
Dynamic load, C	107 kN
Static load, C0	145 kN
Fatigue limit load, Cu	5.4 kN
Nlim (oil)	8,800 rpm
Nlim (grease)	5,800 rpm
Axial displacement K Factor	0.69



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Preload level	7
Preload value	0.98 kN
Axial rigidity	219 N/ $\mu$ m
Radial rigidity	1,217 N/ $\mu$ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.92 Hz
Characteristic outer ring frequency, BPF0	14.71 Hz
Characteristic inner ring frequency, BRFI	17.29 Hz
da min	180 mm
db min	180 mm
Da max	220 mm
Db max	220 mm
r1a max	1 mm
ra max	2 mm
D6	194 mm