



AMERICAN NTN BEARING LTD



65 mm x 90 mm x 13 mm SNR 71913CVUJ74
angular contact ball bearings

Bearing No. 71913CVUJ74

71913CVUJ74 Bearing 2D drawings and 3D CAD
models

Size	65x90x13 mm
Bore Diameter	65 mm
Outer Diameter	90 mm
Width	13 mm
d	65 mm
D	90 mm
B	13 mm
C	13 mm
Angle (°)	15 °
d1	73.1 mm
D1	81.9 mm
D2	85.19 mm
a	17 mm
Contact angle	15 °
rs min	1 mm
r1s min	0.3 mm
f0	16.66
Precision class	P4
Mass	0.21 kg
Dynamic load, C	19.4 kN
Static load, C0	19.7 kN
Fatigue limit load, Cu	1.04 kN
Nlim (oil)	23,000 rpm
Nlim (grease)	15,000 rpm
Axial displacement K Factor	1.14



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Preload level	7
Preload value	0.1 kN
Axial rigidity	59 N/ μ m
Radial rigidity	347 N/ μ 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	10.76 Hz
Characteristic outer ring frequency, BPF0	10.93 Hz
Characteristic inner ring frequency, BPFI	13.07 Hz
da min	70.5 mm
db min	70.5 mm
Da max	84.5 mm
Db max	84.5 mm
r1a max	0.3 mm
ra max	1 mm
D6	75.4 mm