



## NTN BEARING-SUDAMERICANA, S.A.



240 mm x 320 mm x 38 mm SNR 71948CVUJ74  
angular contact ball bearings

Bearing No. 71948CVUJ74

71948CVUJ74 Bearing 2D drawings and 3D CAD  
models

Size	240x320x38 mm
Bore Diameter	240 mm
Outer Diameter	320 mm
Width	38 mm
d	240 mm
D	320 mm
B	38 mm
C	38 mm
Angle ( ° )	15 °
d1	266.7 mm
D1	293.33 mm
D2	304.97 mm
a	57 mm
Contact angle	15 °
rs min	2.1 mm
r1s min	1 mm
f0	16.96
Precision class	P4
Mass	7.27 kg
Dynamic load, C	181 kN
Static load, C0	267 kN
Fatigue limit load, Cu	8.5 kN
Nlim (oil)	6,300 rpm
Nlim (grease)	4,100 rpm
Axial displacement K Factor	0.62



## NTN BEARING-SUDAMERICANA, S.A.

Preload level	7
Preload value	1.8 kN
Axial rigidity	301 N/ $\mu$ m
Radial rigidity	1,674 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	12.52 Hz
Characteristic outer ring frequency, BPF0	15.24 Hz
Characteristic inner ring frequency, BRFI	17.76 Hz
da min	252 mm
db min	252 mm
Da max	308 mm
Db max	314.5 mm
r1a max	1 mm
ra max	2 mm
D6	272 mm