



Icuc Corporation Japan

SNR 7006.CV.U.J74 super-precision Angular contact ball bearings

Bearing No. 7006.CV.U.J74

d	30 mm
D	55 mm
B	13 mm
d1	38.1 mm
D1	46.95 mm
D2	50.42 mm
a	12 mm
Contact angle	15 °
rs min	1 mm
r1s min	0.6 mm
f0	14.87
Precision class	P4
Mass	0.11 kg
Dynamic load, C	16.4 kN
Static load, C0	11.7 kN
Fatigue limit load, Cu	0.62 kN
Nlim (oil)	41,000 rpm
Nlim (grease)	27,000 rpm
Axial displacement K Factor	1.52
Preload level	7
Preload value	0.085 kN
Axial rigidity	43 N/ μ m
Radial rigidity	249 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature,	120 ° C

7006.CV.U.J74 Bearing 2D drawings and 3D CAD models



Icuc Corporation Japan

Tmax	
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.79 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring frequency, BRFI	9.3 Hz
da min	35.5 mm
db min	35.5 mm
Da max	49.5 mm
Db max	49.5 mm
r1a max	0.6 mm
ra max	1 mm
D6	40.5 mm