



KOYO MANUFACTURING (THAILAND)CO.,LTD.



105 mm x 160 mm x 26 mm SNR 7021CVUJ74
angular contact ball bearings

Bearing No. 7021CVUJ74

7021CVUJ74 Bearing 2D drawings and 3D CAD models

Size	105x160x26 mm
Bore Diameter	105 mm
Outer Diameter	160 mm
Width	26 mm
d	105 mm
D	160 mm
B	26 mm
C	26 mm
Angle (°)	15 °
d1	122.8 mm
D1	142.2 mm
D2	149.84 mm
a	31 mm
Contact angle	15 °
rs min	2 mm
r1s min	1 mm
f0	16.02
Precision class	P4
Mass	1.61 kg
Dynamic load, C	82.5 kN
Static load, C0	85.8 kN
Fatigue limit load, Cu	4 kN
Nlim (oil)	13,000 rpm
Nlim (grease)	8,700 rpm
Axial displacement K Factor	0.89



KOYO MANUFACTURING (THAILAND)CO.,LTD.

Preload level	7
Preload value	0.44 kN
Axial rigidity	123 N/ μ m
Radial rigidity	717 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.24 Hz
Characteristic outer ring frequency, BPF0	9.73 Hz
Characteristic inner ring frequency, BPFI	12.27 Hz
da min	115 mm
db min	115 mm
Da max	150 mm
Db max	150 mm
r1a max	1 mm
ra max	2 mm
D6	127.9 mm