



BEARINGS(UK)LTD.



150 mm x 225 mm x 35 mm SNR 7030CVUJ74
High precision angular contact ball bearings

Bearing No. 7030CVUJ74

7030CVUJ74 Bearing 2D drawings and 3D CAD models

Size	150x225x35 mm
Bore Diameter	150 mm
Outer Diameter	225 mm
Width	35 mm
d	150 mm
D	225 mm
B	35 mm
C	35 mm
Angle (°)	15 °
d1	174.2 mm
D1	200.82 mm
D2	212.32 mm
a	43 mm
Contact angle	15 °
rs min	2.1 mm
r1s min	1 mm
f0	16.05
Precision class	P4
Mass	4.16 kg
Dynamic load, C	155 kN
Static load, C0	176 kN
Fatigue limit load, Cu	6.8 kN
Nlim (oil)	9,300 rpm
Nlim (grease)	6,100 rpm
Axial displacement K Factor	0.78



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Preload level	7
Preload value	1.2 kN
Axial rigidity	206 N/ μ m
Radial rigidity	1,153 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	8.33 Hz
Characteristic outer ring frequency, BPF0	10.18 Hz
Characteristic inner ring frequency, BRFI	12.82 Hz
da min	162 mm
db min	162 mm
Da max	213 mm
Db max	213 mm
r1a max	1 mm
ra max	2 mm
D6	180 mm