



160 mm x 240 mm x 38 mm SNR 7032CVUJ74
angular contact ball bearings

Bearing No. 7032CVUJ74

7032CVUJ74 Bearing 2D drawings and 3D CAD models

Size	160x240x38 mm
Bore Diameter	160 mm
Outer Diameter	240 mm
Width	38 mm
d	160 mm
D	240 mm
B	38 mm
C	38 mm
Angle (°)	15 °
d1	185.7 mm
D1	214.32 mm
D2	226.65 mm
a	46 mm
Contact angle	15 °
rs min	2.1 mm
r1s min	1 mm
f0	16.04
Precision class	P4
Mass	5.13 kg
Dynamic load, C	176 kN
Static load, C0	202 kN
Fatigue limit load, Cu	7.6 kN
Nlim (oil)	8,800 rpm
Nlim (grease)	5,800 rpm
Axial displacement K Factor	0.77



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Preload level	7
Preload value	1.38 kN
Axial rigidity	221 N/ μ m
Radial rigidity	1,236 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	8.29 Hz
Characteristic outer ring frequency, BPF0	10.18 Hz
Characteristic inner ring frequency, BRFI	12.82 Hz
da min	172 mm
db min	172 mm
Da max	228 mm
Db max	228 mm
r1a max	1 mm
ra max	2 mm
D6	192 mm