



KRS Guide Wheel Bearing Co., Ltd



85 mm x 130 mm x 22 mm SNR 7017CVUJ74
angular contact ball bearings

Bearing No. 7017CVUJ74

7017CVUJ74 Bearing 2D drawings and 3D CAD models

Size	85x130x22 mm
Bore Diameter	85 mm
Outer Diameter	130 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
C	22 mm
Angle (°)	15 °
d1	99.3 mm
D1	115.7 mm
D2	122.49 mm
a	25 mm
Contact angle	15 °
rs min	1.1 mm
r1s min	0.6 mm
f0	15.88
Precision class	P4
Mass	0.9 kg
Dynamic load, C	60.2 kN
Static load, C0	58.7 kN
Fatigue limit load, Cu	3 kN
Nlim (oil)	16,500 rpm
Nlim (grease)	10,500 rpm
Axial displacement K Factor	0.98



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Preload level	7
Preload value	0.31 kN
Axial rigidity	100 N/ μ m
Radial rigidity	581 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.85 Hz
Characteristic outer ring frequency, BPF0	9.23 Hz
Characteristic inner ring frequency, BRFI	11.77 Hz
da min	92 mm
db min	92 mm
Da max	123 mm
Db max	123 mm
r1a max	0.6 mm
ra max	1 mm
D6	103.7 mm