



BEARING de Mexico?S.A.



75 mm x 130 mm x 25 mm SNR 7215HG1UJ74
Angular contact ball bearings

Bearing No. 7215HG1UJ74

7215HG1UJ74 Bearing 2D drawings and 3D CAD models

Size	75x130x25 mm
Bore Diameter	75 mm
Outer Diameter	130 mm
Width	25 mm
d	75 mm
D	130 mm
B	25 mm
C	25 mm
Angle (°)	20 °
d1	93.8 mm
D1	111.4 mm
D2	120.88 mm
a	31 mm
Contact angle	25 °
rs min	1.5 mm
r1s min	0.6 mm
f0	15.06
Precision class	P4
Mass	1.2 kg
Dynamic load, C	74.5 kN
Static load, C0	62.4 kN
Fatigue limit load, Cu	3.45 kN
Nlim (oil)	14,000 rpm
Nlim (grease)	9,300 rpm
Axial displacement K Factor	0.54



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Preload level	7
Preload value	0.74 kN
Axial rigidity	240 N/ μ m
Radial rigidity	510 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.73 Hz
Characteristic outer ring frequency, BPF0	6.34 Hz
Characteristic inner ring frequency, BPFI	8.66 Hz
da min	83.5 mm
db min	83.5 mm
Da max	121.5 mm
Db max	121.5 mm
r1a max	0.6 mm
ra max	1.5 mm
D6	96.4 mm