



**Bearing No. 7215HG1UJ74**

a	31 mm
d	75 mm
D	130 mm
B	25 mm
C	25 mm
d1	93.8 mm
f0	15.06
D2	120.88 mm
D1	111.4 mm
D6	96.4 mm
Mass	1.2 kg
Db max	121.5 mm
Da max	121.5 mm
rs min	1.5 mm
ra max	1.5 mm
db min	83.5 mm
da min	83.5 mm
r1a max	0.6 mm
r1s min	0.6 mm
Size (mm)	75x130x25
Width (mm)	25
Nlim (oil)	14,000 rpm
Preload level	7
Nlim (grease)	9,300 rpm
Preload value	0.74 kN
Axial rigidity	240 N/μm
Bearing number	7215HG1UJ74
Radial rigidity	510 N/μm
Dynamic load, C	74.5 kN
Precision class	P4

Angle (?)	20 °
Static load, C0	62.4 kN
Contact angle ?	25 °
Bore Diameter (mm)	75
Outer Diameter (mm)	130
Fatigue limit load, Cu	3.45 kN
Axial displacement K Factor	0.54
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	6.34 Hz
Characteristic inner ring frequency, BRFI	8.66 Hz
Characteristic rolling element frequency, BSF	5.73 Hz