



Bearing No. 7040CVUJ74

a	60 mm
d	200 mm
D	310 mm
B	51 mm
C	51 mm
d1	235 mm
f0	15.76
D2	292.14 mm
D1	275.03 mm
D6	243.6 mm
Mass	12.15 kg
Db max	298 mm
Da max	298 mm
rs min	2.1 mm
ra max	2 mm
db min	212 mm
da min	212 mm
r1a max	1 mm
r1s min	1.1 mm
Size (mm)	200x310x51
Width (mm)	51
Nlim (oil)	6,900 rpm
Preload level	7
Nlim (grease)	4,500 rpm
Preload value	2.4 kN
Axial rigidity	279 N/μm
Bearing number	7040CVUJ74
Radial rigidity	1,565 N/μm
Dynamic load, C	277 kN
Precision class	P4

Angle (?)	15 °
Static load, C0	355 kN
Contact angle ?	15 °
Bore Diameter (mm)	200
Outer Diameter (mm)	310
Fatigue limit load, Cu	11.8 kN
Axial displacement K Factor	0.73
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	9.17 Hz
Characteristic inner ring frequency, BRFI	11.83 Hz
Characteristic rolling element frequency, BSF	7.53 Hz