



SNR 7217.C.G1.UJ74 Super Precision Bearings

Bearing No. 7217.C.G1.UJ74

d	85 mm
D	150 mm
B	28 mm
d1	107.2 mm
D1	128.1 mm
D2	140.2 mm
a	30 mm
Contact angle	15 °
rs min	2 mm
r1s min	1 mm
f0	14.7
Precision class	P4
Mass	1.81 kg
Dynamic load, C	106 kN
Static load, C0	90.7 kN
Fatigue limit load, Cu	4.45 kN
Nlim (oil)	14,000 rpm
Nlim (grease)	8,900 rpm
Axial displacement K Factor	1.09
Preload level	7
Preload value	0.66 kN
Axial rigidity	120 N/ μ m
Radial rigidity	682 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C

7217.C.G1.UJ74 Bearing 2D drawings and 3D CAD models



Hmg Industriebedarf GmbH

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.53 Hz
Characteristic outer ring frequency, BPF0	6.23 Hz
Characteristic inner ring frequency, BRFI	8.77 Hz
da min	95 mm
db min	95 mm
Da max	140 mm
Db max	140 mm
r1a max	1 mm
ra max	2 mm
D6	110.3 mm