



SNR 7201.H.G1.UJ74 Super Precision Angular Contact bearings

Bearing No. 7201.H.G1.UJ74

7201.H.G1.UJ74 Bearing 2D drawings and 3D CAD models

d	12 mm
D	32 mm
B	10 mm
d1	18.31 mm
D1	26.02 mm
D2	28.55 mm
a	10 mm
Contact angle	25 °
rs min	0.6 mm
r1s min	0.6 mm
f0	12.51
Precision class	P4
Mass	0.04 kg
Dynamic load, C	8 kN
Static load, C0	4 kN
Fatigue limit load, Cu	0.23 kN
Nlim (oil)	66,000 rpm
Nlim (grease)	43,000 rpm
Axial displacement K Factor	1.03
Preload level	7
Preload value	0.07 kN
Axial rigidity	56 N/ μ m
Radial rigidity	120 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature,	120 ° C



Hmg Industriebedarf GmbH

Tmax	
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.47 Hz
Characteristic outer ring frequency, BPF0	3.77 Hz
Characteristic inner ring frequency, BRFI	6.23 Hz
da min	16.5 mm
db min	16.5 mm
Da max	27.5 mm
Db max	27.5 mm
r1a max	0.6 mm
ra max	0.6 mm
D6	20.5 mm