



SNR 10R71918CVUJ74 Super Precision Angular Contact bearings

Bearing No. 10R71918CVUJ74

d	90 mm
D	125 mm
B	18 mm
d1	101.2 mm
D1	113.75 mm
D2	119.24 mm
a	23 mm
Contact angle	15 °
rs min	0.6 mm
r1s min	0.6 mm
f0	16.57
Precision class	P4
Mass	0.56 kg
Dynamic load, C	40.2 kN
Static load, C0	44.3 kN
Fatigue limit load, Cu	2.29 kN
Nlim (oil)	16,500 rpm
Nlim (grease)	10,500 rpm
Axial displacement K Factor	0.95
Preload level	7
Preload value	0.21 kN
Axial rigidity	90 N/ μ m
Radial rigidity	531 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature,	120 ° C

10R71918CVUJ74 Bearing 2D drawings and 3D CAD
models



Hmg Industriebedarf GmbH

Tmax	
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.33 Hz
Characteristic outer ring frequency, BPF0	11.8 Hz
Characteristic inner ring frequency, BRFI	14.2 Hz
da min	94.5 mm
db min	94.5 mm
Da max	120.5 mm
Db max	120.5 mm
r1a max	0.6 mm
ra max	0.6 mm
D6	104.5 mm