



NTN BEARING USA CORP.

40 mm x 62 mm x 12 mm SNR 71908.HV.U.J74
High precision angular contact ball bearings

Bearing No. 71908.HV.U.J74

d	40 mm
D	62 mm
B	12 mm
d1	46.8 mm
D1	55.2 mm
D2	58.22 mm
a	18 mm
Contact angle	25 °
rs min	0.6 mm
r1s min	0.3 mm
f0	16.09
Precision class	P4
Mass	0.11 kg
Dynamic load, C	13.6 kN
Static load, C0	11.2 kN
Fatigue limit load, Cu	0.65 kN
Nlim (oil)	31,000 rpm
Nlim (grease)	21,000 rpm
Axial displacement K Factor	0.65
Preload level	7
Preload value	0.12 kN
Axial rigidity	110 N/ μ m
Radial rigidity	233 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature,	120 ° C

71908.HV.U.J74 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.93 Hz
Characteristic outer ring frequency, BPF0	8.43 Hz
Characteristic inner ring frequency, BRFI	10.57 Hz
da min	44.5 mm
db min	44.5 mm
Da max	57.5 mm
Db max	57.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	49 mm