



NTN BEARING USA CORP.



71938HVUJ74 Bearing 2D drawings and 3D CAD models

190 mm x 260 mm x 33 mm SNR
71938HVUJ74 High precision angular contact ball bearings

Bearing No. 71938HVUJ74

Size	190x260x33 mm
Bore Diameter	190 mm
Outer Diameter	260 mm
Width	33 mm
d	190 mm
D	260 mm
B	33 mm
C	33 mm
Angle (°)	20 °
d1	213.6 mm
D1	236.42 mm
D2	246.47 mm
a	69 mm
Contact angle	25 °
rs min	2 mm
r1s min	1 mm
f0	16.96
Precision class	P4
Mass	4.48 kg
Dynamic load, C	129 kN
Static load, C0	179 kN
Fatigue limit load, Cu	6.7 kN
Nlim (oil)	7,100 rpm
Nlim (grease)	4,700 rpm
Axial displacement K Factor	0.31



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Preload level	7
Preload value	2 kN
Axial rigidity	583 N/ μ m
Radial rigidity	1,229 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.74 Hz
Characteristic outer ring frequency, BPF0	14.77 Hz
Characteristic inner ring frequency, BRFI	17.23 Hz
da min	200 mm
db min	200 mm
Da max	250 mm
Db max	254.5 mm
r1a max	1 mm
ra max	2 mm
D6	218.3 mm