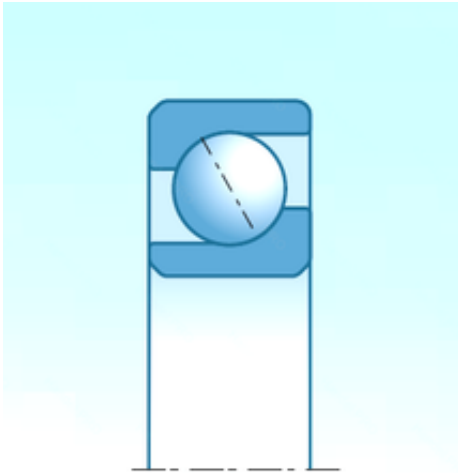




Bearing No. 7011HVUJ74

a	26 mm
d	55 mm
D	90 mm
B	18 mm
C	18 mm
d1	66.8 mm
f0	15.94
D2	83.39 mm
D1	78.2 mm
D6	69.8 mm
Mass	0.39 kg
Db max	83 mm
Da max	83 mm
rs min	1.1 mm
ra max	1 mm
db min	62 mm
da min	62 mm
r1a max	1 mm
r1s min	1 mm
Size (mm)	55x90x18
Width (mm)	18
Nlim (oil)	22,000 rpm
Preload level	7
Nlim (grease)	14,500 rpm
Preload value	0.26 kN
Axial rigidity	168 N/μm
Bearing number	7011HVUJ74
Radial rigidity	359 N/μm
Dynamic load, C	29.5 kN
Precision class	P4

Angle (?)	20 °
Static load, C0	26.2 kN
Contact angle ?	25 °
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Fatigue limit load, Cu	1.46 kN
Axial displacement K Factor	0.54
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.81 Hz
Characteristic inner ring frequency, BPFI	11.19 Hz
Characteristic rolling element frequency, BSF	7.5 Hz