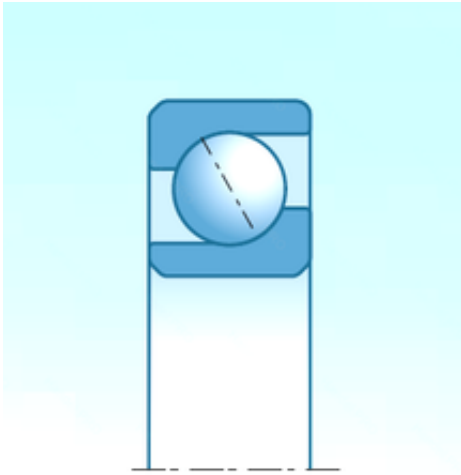




Bearing No. 7018CVUJ74

a	27 mm
d	90 mm
D	140 mm
B	24 mm
C	24 mm
d1	105.8 mm
f0	15.74
D2	131.61 mm
D1	124.2 mm
D6	110.7 mm
Mass	1.16 kg
Db max	131.5 mm
Da max	131.5 mm
rs min	1.5 mm
ra max	1.5 mm
db min	98.5 mm
da min	98.5 mm
r1a max	0.6 mm
r1s min	0.6 mm
Size (mm)	90x140x24
Width (mm)	24
Nlim (oil)	15,000 rpm
Preload level	7
Nlim (grease)	10,000 rpm
Preload value	0.38 kN
Axial rigidity	109 N/μm
Bearing number	7018CVUJ74
Radial rigidity	629 N/μm
Dynamic load, C	71.7 kN
Precision class	P4

Angle (?)	15 °
Static load, C0	69.2 kN
Contact angle ?	15 °
Bore Diameter (mm)	90
Outer Diameter (mm)	140
Fatigue limit load, Cu	3.45 kN
Axial displacement K Factor	0.96
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.73 Hz
Characteristic inner ring frequency, BPFI	11.27 Hz
Characteristic rolling element frequency, BSF	7.5 Hz