



SNR Bearing Argentina



ML7011CVUJ74S Bearing 2D drawings and 3D CAD models

55 mm x 90 mm x 18 mm SNR
ML7011CVUJ74S High precision angular contact
ball bearings

Bearing No. ML7011CVUJ74S

Size	55x90x18 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	18 mm
d	55 mm
D	90 mm
B	18 mm
C	18 mm
Angle (°)	15 °
d1	66.8 mm
d2	65 mm
D1	79.91 mm
D2	83.11 mm
a	20 mm
Contact angle	17 °
rs min	1.1 mm
r1s min	1 mm
f0	8.24
Precision class	P4S
Mass	0.4 kg
Dynamic load, C	16.6 kN
Static load, C0	11.4 kN
Fatigue limit load, Cu	0.63 kN
Nlim (oil)	30,000 rpm
Nlim (grease)	22,000 rpm



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Axial displacement K Factor	1.02
Preload level	7
Preload value	0.08 kN
Axial rigidity	61 N/ μ m
Radial rigidity	298 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	8.91 Hz
Characteristic outer ring frequency, BPF0	10.28 Hz
Characteristic inner ring frequency, BRFI	12.72 Hz
da min	62 mm
db min	62 mm
Da max	83 mm
Db max	83 mm
r1a max	1 mm
ra max	1 mm
D6	69.3 mm