



NTN Machinery Manufacturing Co., Ltd



55 mm x 80 mm x 13 mm SNR ML71911CVUJ74S angular contact ball bearings

Bearing No. ML71911CVUJ74S

ML71911CVUJ74S Bearing 2D drawings and 3D CAD models

Size	55x80x13 mm
Bore Diameter	55 mm
Outer Diameter	80 mm
Width	13 mm
d	55 mm
D	80 mm
B	13 mm
C	13 mm
Angle (°)	15 °
d1	63.1 mm
d2	61.15 mm
D1	73.71 mm
D2	75.31 mm
a	17 mm
Contact angle	17 °
rs min	1 mm
r1s min	0.3 mm
f0	8.57
Precision class	P4S
Mass	0.18 kg
Dynamic load, C	10 kN
Static load, C0	7.6 kN
Fatigue limit load, Cu	0.41 kN
Nlim (oil)	33,000 rpm
Nlim (grease)	24,000 rpm



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Axial displacement K Factor	1.05
Preload level	7
Preload value	0.05 kN
Axial rigidity	50 N/ μ m
Radial rigidity	250 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.93 Hz
Characteristic outer ring frequency, BPF0	13.8 Hz
Characteristic inner ring frequency, BPF1	16.2 Hz
da min	60.5 mm
db min	60.5 mm
Da max	74.5 mm
Db max	74.5 mm
r1a max	0.3 mm
ra max	1 mm
D6	65 mm