



AMERICAN NTN BEARING LTD



12 mm x 24 mm x 6 mm SNR
ML71901CVUJ74S angular contact ball bearings

Bearing No. ML71901CVUJ74S

ML71901CVUJ74S Bearing 2D drawings and 3D CAD models

Size	12x24x6 mm
Bore Diameter	12 mm
Outer Diameter	24 mm
Width	6 mm
d	12 mm
D	24 mm
B	6 mm
C	6 mm
Angle (°)	15 °
d1	15.4 mm
d2	14.5 mm
D1	20.05 mm
D2	20.75 mm
a	6 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.92
Precision class	P4S
Mass	0.01 kg
Dynamic load, C	1.47 kN
Static load, C0	0.64 kN
Fatigue limit load, Cu	0.07 kN
Nlim (oil)	122,000 rpm
Nlim (grease)	89,000 rpm



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Axial displacement K Factor	2.23
Preload level	7
Preload value	0.007 kN
Axial rigidity	12 N/ μ m
Radial rigidity	61 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.1 Hz
Characteristic outer ring frequency, BPF0	6.51 Hz
Characteristic inner ring frequency, BRFI	8.49 Hz
da min	14.5 mm
db min	14.5 mm
Da max	21.5 mm
Db max	21.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	16.3 mm