



## Bearing import and Export Co., Ltd



ML71906CVUJ74S Bearing 2D drawings and 3D CAD models

30 mm x 47 mm x 9 mm SNR  
ML71906CVUJ74S angular contact ball bearings

Bearing No. ML71906CVUJ74S

Size	30x47x9 mm
Bore Diameter	30 mm
Outer Diameter	47 mm
Width	9 mm
d	30 mm
D	47 mm
B	9 mm
C	9 mm
Angle ( ° )	15 °
d1	35.1 mm
d2	33.9 mm
D1	42.15 mm
D2	43.45 mm
a	10 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.32
Precision class	P4S
Mass	0.05 kg
Dynamic load, C	4.6 kN
Static load, C0	2.75 kN
Fatigue limit load, Cu	0.15 kN
Nlim (oil)	57,000 rpm
Nlim (grease)	42,000 rpm



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Axial displacement K Factor	1.44
Preload level	7
Preload value	0.023 kN
Axial rigidity	28 N/ $\mu$ m
Radial rigidity	139 N/ $\mu$ m
Min operating temperature, T <sub>min</sub>	-30 ° C
Max operating temperature, T <sub>max</sub>	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.45 Hz
Characteristic outer ring frequency, BPF0	9.9 Hz
Characteristic inner ring frequency, BRFI	12.1 Hz
da min	32.5 mm
db min	32.5 mm
Da max	44.5 mm
Db max	44.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	36.5 mm