



# INA BRAINGS SALES JAPAN CO.,LTD.



ML71900CVUJ74S Bearing 2D drawings and 3D CAD models

10 mm x 22 mm x 6 mm SNR  
ML71900CVUJ74S angular contact ball bearings

Bearing No. ML71900CVUJ74S

Size	10x22x6 mm
Bore Diameter	10 mm
Outer Diameter	22 mm
Width	6 mm
d	10 mm
D	22 mm
B	6 mm
C	6 mm
Angle ( ° )	15 °
d1	13.6 mm
d2	12.7 mm
D1	18.25 mm
D2	18.95 mm
a	5 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.74
Precision class	P4S
Mass	0.01 kg
Dynamic load, C	1.41 kN
Static load, C0	0.59 kN
Fatigue limit load, Cu	0.03 kN
Nlim (oil)	138,000 rpm
Nlim (grease)	100,000 rpm



## INA BRAINGS SALES JAPAN CO.,LTD.

Axial displacement K Factor	2.33
Preload level	7
Preload value	0.007 kN
Axial rigidity	12 N/ $\mu$ m
Radial rigidity	58 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	0.43 Hz
Characteristic rolling element frequency, BSF	6.33 Hz
Characteristic outer ring frequency, BPF0	5.96 Hz
Characteristic inner ring frequency, BPF1	8.04 Hz
da min	12.5 mm
db min	12.5 mm
Da max	19.5 mm
Db max	19.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	14.5 mm