



## Wuxi NSB Transmission Technology Co.,...



MLE71900CVUJ74S Bearing 2D drawings and 3D CAD models

10 mm x 22 mm x 6 mm SNR  
MLE71900CVUJ74S angular contact ball bearings

Bearing No. MLE71900CVUJ74S

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 (grease)	100,000 rpm
Axial displacement K Factor	2.33



## Wuxi NSB Transmission Technology Co.,...

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>	-20 ° 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, BRFI	8.04 Hz
d <sub>a min</sub>	12.5 mm
d <sub>b min</sub>	12.5 mm
D <sub>a max</sub>	19.5 mm
D <sub>b max</sub>	19.5 mm
r <sub>1a max</sub>	0.3 mm
r <sub>a max</sub>	0.3 mm
D <sub>6</sub>	14.5 mm