



## Baochen Machinery Technology Co., Ltd



ML71912HVUJ74S Bearing 2D drawings and 3D CAD models

60 mm x 85 mm x 13 mm SNR  
ML71912HVUJ74S angular contact ball bearings

Bearing No. ML71912HVUJ74S

Size	60x85x13 mm
Bore Diameter	60 mm
Outer Diameter	85 mm
Width	13 mm
d	60 mm
D	85 mm
B	13 mm
C	13 mm
Angle ( ° )	20 °
d1	68.1 mm
d2	66.15 mm
D1	78.71 mm
D2	80.31 mm
a	23 mm
Contact angle	25 °
rs min	1 mm
r1s min	0.3 mm
f0	8.68
Precision class	P4S
Mass	0.19 kg
Dynamic load, C	9.8 kN
Static load, C0	7.8 kN
Fatigue limit load, Cu	0.44 kN
Nlim (oil)	27,000 rpm
Nlim (grease)	18,500 rpm



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Axial displacement K Factor	0.56
Preload level	7
Preload value	0.08 kN
Axial rigidity	108 N/ $\mu$ m
Radial rigidity	242 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	0.46 Hz
Characteristic rolling element frequency, BSF	12.84 Hz
Characteristic outer ring frequency, BPF0	14.88 Hz
Characteristic inner ring frequency, BPF1	17.12 Hz
da min	65.5 mm
db min	65.5 mm
Da max	79.5 mm
Db max	79.5 mm
r1a max	0.3 mm
ra max	1 mm
D6	70 mm