



65 mm x 90 mm x 13 mm SNR  
ML71913HVUJ74S angular contact ball bearings

Bearing No. ML71913HVUJ74S

ML71913HVUJ74S Bearing 2D drawings and 3D CAD models

Size	65x90x13 mm
Bore Diameter	65 mm
Outer Diameter	90 mm
Width	13 mm
d	65 mm
D	90 mm
B	13 mm
C	13 mm
Angle ( ° )	20 °
d1	73.1 mm
d2	71.15 mm
D1	83.71 mm
D2	85.31 mm
a	24 mm
Contact angle	25 °
rs min	1 mm
r1s min	0.3 mm
f0	8.74
Precision class	P4S
Mass	0.2 kg
Dynamic load, C	10 kN
Static load, C0	8.3 kN
Fatigue limit load, Cu	0.47 kN
Nlim (oil)	25,000 rpm
Nlim (grease)	17,500 rpm



Axial displacement K Factor	0.54
Preload level	7
Preload value	0.08 kN
Axial rigidity	113 N/ $\mu$ m
Radial rigidity	252 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	0.47 Hz
Characteristic rolling element frequency, BSF	13.74 Hz
Characteristic outer ring frequency, BPF0	15.88 Hz
Characteristic inner ring frequency, BRFI	18.12 Hz
da min	70.5 mm
db min	70.5 mm
Da max	84.5 mm
Db max	84.5 mm
r1a max	0.3 mm
ra max	1 mm
D6	75 mm