



# NTN BEARUNG DRIVESHAFT,INC.



17 mm x 30 mm x 7 mm SNR  
ML71903CVUJ74S angular contact ball bearings

Bearing No. ML71903CVUJ74S

ML71903CVUJ74S Bearing 2D drawings and 3D CAD models

Size	17x30x7 mm
Bore Diameter	17 mm
Outer Diameter	30 mm
Width	7 mm
d	17 mm
D	30 mm
B	7 mm
C	7 mm
Angle ( ° )	15 °
d1	21 mm
d2	20.05 mm
D1	26.65 mm
D2	27.25 mm
a	7 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.07
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	2.14 kN
Static load, C0	1.07 kN
Fatigue limit load, Cu	0.08 kN
Nlim (oil)	94,000 rpm
Nlim (grease)	68,000 rpm



## NTN BEARUNG DRIVESHAFT,INC.

Axial displacement K Factor	1.85
Preload level	7
Preload value	0.011 kN
Axial rigidity	17 N/ $\mu$ m
Radial rigidity	84 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	0.44 Hz
Characteristic rolling element frequency, BSF	8.28 Hz
Characteristic outer ring frequency, BPF0	7.97 Hz
Characteristic inner ring frequency, BPF1	10.03 Hz
da min	19.5 mm
db min	19.5 mm
Da max	27.5 mm
Db max	27.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	22.2 mm