



## IMPORTED BEARING OF AMERICA CORP.



MLE71903HVUJ74S Bearing 2D drawings and 3D CAD models

17 mm x 30 mm x 7 mm 17 mm x 30 mm x 7 mm SNR MLE71903HVUJ74S angular contact ball bearings

Bearing No. MLE71903HVUJ74S

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 ( ° )	20 °
d1	21 mm
d2	20.05 mm
D1	26.65 mm
D2	27.25 mm
a	9 mm
Contact angle	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.14
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	2.05 kN
Static load, C0	1.02 kN
Fatigue limit load, Cu	0.08 kN
Nlim (grease)	57,000 rpm
Axial displacement K Factor	1.03



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Preload level	7
Preload value	0.017 kN
Axial rigidity	35 N/ $\mu$ m
Radial rigidity	78 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	0.45 Hz
Characteristic rolling element frequency, BSF	8.29 Hz
Characteristic outer ring frequency, BPF0	8.03 Hz
Characteristic inner ring frequency, BRFI	9.97 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