



SNR Bearing Argentina



MLE7007HVUJ74S Bearing 2D drawings and 3D CAD models

35 mm x 62 mm x 14 mm SNR
MLE7007HVUJ74S High precision angular
contact ball bearings

Bearing No. MLE7007HVUJ74S

Size	35x62x14 mm
Bore Diameter	35 mm
Outer Diameter	62 mm
Width	14 mm
d	35 mm
D	62 mm
B	14 mm
C	14 mm
Angle (°)	20 °
d1	43.2 mm
d2	40.9 mm
D1	54.31 mm
D2	56.71 mm
a	18 mm
Contact angle	25 °
rs min	1 mm
r1s min	0.6 mm
f0	8.05
Precision class	P4S
Mass	0.15 kg
Dynamic load, C	9.9 kN
Static load, C0	5.9 kN
Fatigue limit load, Cu	0.37 kN
Nlim (grease)	28,000 rpm
Axial displacement K Factor	0.73



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Preload level	7
Preload value	0.08 kN
Axial rigidity	83 N/ μ m
Radial rigidity	184 N/ μ m
Min operating temperature, T _{min}	-20 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.34 Hz
Characteristic outer ring frequency, BPF0	8.78 Hz
Characteristic inner ring frequency, BPFI	11.22 Hz
da min	40.5 mm
db min	40.5 mm
Da max	56.5 mm
Db max	56.5 mm
r1a max	0.6 mm
ra max	1 mm
D6	45.5 mm