



SNR Bearing Argentina

15 mm x 32 mm x 9 mm SNR
MLE7002HVUJ84S High precision angular
contact ball bearings

Bearing No. MLE7002HVUJ84S

d	15 mm
D	32 mm
B	9 mm
d1	20.15 mm
d2	18.8 mm
D1	27.15 mm
D2	28.45 mm
a	10 mm
Contact angle	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.64
Precision class	P4S
Mass	0.03 kg
Dynamic load, C	3.25 kN
Static load, C0	1.42 kN
Fatigue limit load, Cu	0.09 kN
Nlim (grease)	57,000 rpm
Axial displacement K Factor	1.14
Preload level	8
Preload value	0.08 kN
Axial rigidity	54 N/ μ m
Radial rigidity	116 N/ μ m
Min operating temperature, Tmin	-20 ° C

MLE7002HVUJ84S Bearing 2D drawings and 3D CAD models



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Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.63 Hz
Characteristic outer ring frequency, BPF0	5.48 Hz
Characteristic inner ring frequency, BRFI	7.52 Hz
da min	17.5 mm
db min	17.5 mm
Da max	29.5 mm
Db max	29.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	21.6 mm