



15 mm x 28 mm x 7 mm SNR
MLE71902CVUJ74S angular contact ball bearings

Bearing No. MLE71902CVUJ74S

MLE71902CVUJ74S Bearing 2D drawings and 3D CAD models

Size	15x28x7 mm
Bore Diameter	15 mm
Outer Diameter	28 mm
Width	7 mm
d	15 mm
D	28 mm
B	7 mm
C	7 mm
Angle (°)	15 °
d1	18.7 mm
d2	17.75 mm
D1	24.35 mm
D2	24.95 mm
a	7 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.92
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	2 kN
Static load, C0	0.93 kN
Fatigue limit load, Cu	0.07 kN
Nlim (grease)	74,000 rpm
Axial displacement K Factor	2.04



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Preload level	7
Preload value	0.01 kN
Axial rigidity	15 N/ μ m
Radial rigidity	75 N/ μ m
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.44 Hz
Characteristic outer ring frequency, BPF0	6.99 Hz
Characteristic inner ring frequency, BRFI	9.01 Hz
da min	17.5 mm
db min	17.5 mm
Da max	25.5 mm
Db max	25.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	19.9 mm