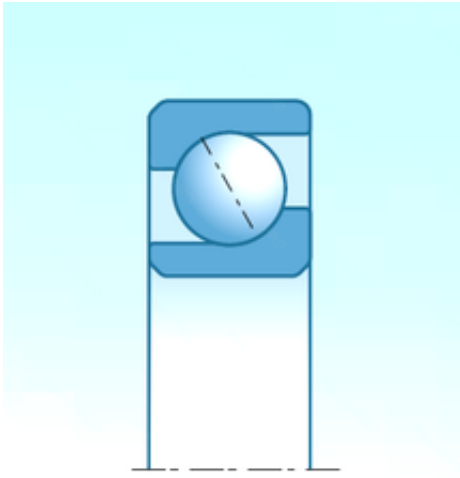




KFY MANUFACTURING MEXICO LIMITED



25 mm x 42 mm x 9 mm SNR
ML71905CVUJ74S angular contact ball bearings

Bearing No. ML71905CVUJ74S

ML71905CVUJ74S Bearing 2D drawings and 3D CAD models

Size	25x42x9 mm
Bore Diameter	25 mm
Outer Diameter	42 mm
Width	9 mm
d	25 mm
D	42 mm
B	9 mm
C	9 mm
Angle (°)	15 °
d1	30.6 mm
d2	29.4 mm
D1	37.65 mm
D2	38.95 mm
a	10 mm
Contact angle	17 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.15
Precision class	P4S
Mass	0.04 kg
Dynamic load, C	4.25 kN
Static load, C0	2.33 kN
Fatigue limit load, Cu	0.13 kN
Nlim (oil)	66,000 rpm
Nlim (grease)	48,000 rpm



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Axial displacement K Factor	1.58
Preload level	7
Preload value	0.022 kN
Axial rigidity	25 N/ μ m
Radial rigidity	124 N/ μ m
Min operating temperature, T _{min}	-30 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.31 Hz
Characteristic outer ring frequency, BPF0	8.42 Hz
Characteristic inner ring frequency, BPF1	10.58 Hz
da min	27.5 mm
db min	27.5 mm
Da max	39.5 mm
Db max	39.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	32.1 mm