



KFY MANUFACTURING MEXICO LIMITED



80 mm x 125 mm x 22 mm SNR 7016HVUJ74
angular contact ball bearings

Bearing No. 7016HVUJ74

7016HVUJ74 Bearing 2D drawings and 3D CAD models

Size	80x125x22 mm
Bore Diameter	80 mm
Outer Diameter	125 mm
Width	22 mm
d	80 mm
D	125 mm
B	22 mm
C	22 mm
Angle (°)	20 °
d1	94.3 mm
D1	110.7 mm
D2	117.49 mm
a	35 mm
Contact angle	25 °
rs min	1.1 mm
r1s min	0.6 mm
f0	15.93
Precision class	P4
Mass	0.85 kg
Dynamic load, C	55.6 kN
Static load, C0	52.6 kN
Fatigue limit load, Cu	2.95 kN
Nlim (oil)	15,500 rpm
Nlim (grease)	10,000 rpm
Axial displacement K Factor	0.48



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Preload level	7
Preload value	0.49 kN
Axial rigidity	232 N/ μ m
Radial rigidity	497 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.49 Hz
Characteristic outer ring frequency, BPF0	8.81 Hz
Characteristic inner ring frequency, BRFI	11.19 Hz
da min	87 mm
db min	87 mm
Da max	118 mm
Db max	118 mm
r1a max	0.6 mm
ra max	1 mm
D6	98.7 mm