



NTN Bearing Rolamentos do Brasil Ltda.

45 mm x 75 mm x 16 mm NTN 6009LLUC3/5K
Single row deep groove ball bearings

Bearing No. 6009LLUC3/5K

d	45 mm
D	75 mm
B	16 mm
rs min	1 mm
Radial clearance class	C3
Mass	0.24 kg
Dynamic load, C	21 kN
Static load, C0	15.1 kN
Fatigue limit load, Cu	0.69 kN
f0	15.3
Nlim (grease)	5,400 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.73 Hz
Characteristic outer ring frequency, BPF0	5.55 Hz
Characteristic inner ring frequency, BPF1	7.45 Hz
da min	50 mm
da max	52.5 mm
Da max	70 mm
ra max	1 mm

6009LLUC3/5K Bearing 2D drawings and 3D CAD models



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