



NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 90 mm x 18 mm NTN
6011LLBCM/5K Single row deep groove ball
bearings

Bearing No. 6011LLBCM/5K

d	55 mm
D	90 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	CM
Mass	0.39 kg
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Fatigue limit load, Cu	0.96 kN
f0	15.3
Nlim (grease)	7,700 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	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic inner ring frequency, BPFI	7.42 Hz
da min	61.5 mm
da max	64 mm
Da max	83.5 mm

6011LLBCM/5K Bearing 2D drawings and 3D CAD models



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ra max	1 mm
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