



## NTN Bearing Rolamentos do Brasil Ltda.

40 mm x 68 mm x 15 mm NTN  
6008LLUC2/L627QR Single row deep groove ball  
bearings

Bearing No. 6008LLUC2/L627QR

d	40 mm
D	68 mm
B	15 mm
rs min	1 mm
Radial clearance class	C2
Mass	0.19 kg
Dynamic load, C	16.8 kN
Static load, C0	11.5 kN
Fatigue limit load, Cu	0.52 kN
f0	15.2
Nlim (grease)	6,100 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	6.66 Hz
Characteristic outer ring frequency, BPF0	5.12 Hz
Characteristic inner ring frequency, BPFI	6.88 Hz
da min	45 mm
da max	47 mm
Da max	63 mm

6008LLUC2/L627QR Bearing 2D drawings and 3D  
CAD models



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ra max	1 mm
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