



NTN Bearing Manufacturing



6005LTZZ Bearing 2D drawings and 3D CAD models

25,000 mm x 47,000 mm x 12,000 mm SNR
6005LTZZ deep groove ball bearings

Bearing No. 6005LTZZ

Size	25x47x12 mm
Bore Diameter	25,000 mm
Outer Diameter	47,000 mm
Width	12,000 mm
d	25,000 mm
D	47,000 mm
B	12,000 mm
C	12,000 mm
d1	31.6 mm
D1	42.8 mm
rs min	0.6 mm
Radial clearance class	C3
Mass	0.08 kg
Dynamic load, C	9.8 kN
Static load, C0	5.8 kN
Fatigue limit load, Cu	0.26 kN
f0	14.5
Nref	15,000 rpm
Nlim	11,000 rpm
Min operating temperature, Tmin	-60 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.44 Hz



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Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BRFI	5.89 Hz
da min	29 mm
da max	31.6 mm
Da max	43 mm
ra max	0.6 mm