



6001E Bearing 2D drawings and 3D CAD models

12,000 mm x 28,000 mm x 8,000 mm SNR
6001E deep groove ball bearings

Bearing No. 6001E

Size	12x28x8 mm
Bore Diameter	12,000 mm
Outer Diameter	28,000 mm
Width	8,000 mm
d	12,000 mm
D	28,000 mm
B	8,000 mm
C	8,000 mm
d1	17.2 mm
D1	25.5 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.02 kg
Dynamic load, C	5 kN
Static load, C0	2.37 kN
Fatigue limit load, Cu	0.11 kN
f0	13.1
Nlim	17,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.96 Hz
Characteristic outer ring	3.05 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.95 Hz
da min	14 mm
da max	17.2 mm
Da max	26 mm
ra max	0.3 mm