



6310FT150ZZ Bearing 2D drawings and 3D CAD models

50,000 mm x 110,000 mm x 27,000 mm SNR  
6310FT150ZZ deep groove ball bearings

Bearing No. 6310FT150ZZ

Size	50x110x27 mm
Bore Diameter	50,000 mm
Outer Diameter	110,000 mm
Width	27,000 mm
d	50,000 mm
D	110,000 mm
B	27,000 mm
C	27,000 mm
d1	64.7 mm
D1	98 mm
rs min	2 mm
Radial clearance class	C3
Mass	1.07 kg
Dynamic load, C	61.3 kN
Static load, C0	38.3 kN
Fatigue limit load, Cu	1.74 kN
f0	13.2
Nref	7,700 rpm
Nlim	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	150 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz



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Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
da min	59 mm
da max	64.7 mm
Da max	101 mm
ra max	2 mm