



Bearing No. 6310HT200ZZ

C	27,000 mm
d	50,000 mm
D	110,000 mm
B	27,000 mm
d1	64.7 mm
D1	98 mm
f0	13.2
Nlim	2,900 rpm
Mass	1.07 kg
Nref	7,700 rpm
rs min	2 mm
da min	59 mm
da max	64.7 mm
Da max	101 mm
ra max	2 mm
Size (mm)	50x110x27
Width (mm)	27,000
Bearing number	6310HT200ZZ
Dynamic load, C	61.3 kN
Static load, C0	38.3 kN
Bore Diameter (mm)	50,000
Outer Diameter (mm)	110,000
Fatigue limit load, Cu	1.74 kN
Radial clearance class	C4
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring	3.07 Hz

frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.93 Hz
Characteristic rolling element frequency, BSF	4.07 Hz