

Toyana 22307 CW33 spherical roller bearings

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d	200 mm
D	360 mm
B	98 mm
D1	322.3 mm
rs min	4 mm
Number of lubrication holes	3
b	20 mm
k	10 mm
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C3
Mass	42.53 kg
Dynamic load, C	1,810 kN
Static load, C0	2,100 kN
Fatigue limit load, Cu	177 kN
Nref	1,500 rpm
Nlim	2,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.42 Hz

Characteristic rolling element frequency, BSF	6.04 Hz
Characteristic outer ring frequency, BPF0	7.57 Hz
Characteristic inner ring frequency, BRFI	10.43 Hz
da min	217 mm
Da max	343 mm
ra max	3 mm