

Toyana 22308MW33 spherical roller bearings

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Size (mm)	61.912×136.525×46.038
Bore Diameter (mm)	61,912
Outer Diameter (mm)	136,525
Width (mm)	46,038
d	61,912 mm
D	136,525 mm
T	46,038 mm
B	46,038 mm
C	36,512 mm
ra1 max.	3,3 mm
a	8,7 mm
Da	118 mm
db	79 mm
ra max.	3,5 mm
da	86 mm
Db	132 mm
Weight	3,47 Kg
Basic dynamic load rating (C)	224 kN
Basic static load rating (C0)	355 kN
(Grease) Lubrication Speed	2 600 r/min
(Oil) Lubrication Speed	3 500 r/min

Calculation factor (e)	0,47
Calculation factor (Y0)	0,7
d1	110.8 mm
e	0.47
Y2	1.27
Y0	0.7
Mass	3.47 kg
Dynamic load, C	224 kN
Rating life coefficient, A2	1.4
Static load, C0	355 kN
Fatigue limit load, Cu	42.4 kN
Nlim (oil)	3,500 rpm
Nlim (grease)	2,600 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.15 Hz
Characteristic outer ring frequency, BPF0	9.73 Hz
Characteristic inner ring frequency, BPF1	12.27 Hz
ra max	3.5 mm
r1a max	3.3 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.47
Product Group	B04334