

# Toyana 239/500 CW33 spherical roller bearings

We 215x90x71 Size (mm) work closely with our Toyana 239/500 CW33 spherical roller bearings manufacturing partners to bring the best value to customers. 215 Bore Diameter (mm)

Size (mm)	215x90x71
Bore Diameter (mm)	215
Outer Diameter (mm)	90
Width (mm)	71
d1	90 mm
D	215 mm
B1	71 mm
d3	130 mm
D1	181.9 mm
B	47 mm
B4	20 mm
C1	2.469 mm
r1,2 – min.	3 mm
da – max.	136 mm
db – min.	108 mm
Da – max.	201 mm
Ba – min.	8 mm
ra – max.	3 mm
Basic dynamic load rating – C	143 kN
Basic static load rating – C0	57 kN
Fatigue load limit – Pu	2.4 kN
Reference speed	6000 r/min

Limiting speed	4000 r/min
Calculation factor – kr	0.045
Calculation factor – e	0.23
Calculation factor – Y0	2.8
Calculation factor – Y1	2.7
Calculation factor – Y2	4.2
d	90 mm
D1 ≈	181.9 mm
r1,2 min.	3 mm
da max.	136 mm
db min.	108 mm
Da max.	201 mm
Ba min.	8 mm
ra max.	3 mm
Basic dynamic load rating C	143 kN
Basic static load rating C0	57 kN
Fatigue load limit Pu	2.36 kN
Permissible angular misalignment α	3 °
Calculation factor kr	0.045
Calculation factor e	0.23
Calculation factor Y0	2.8
Calculation factor Y1	2.7
Calculation factor Y2	4.2
Mass bearing + adapter sleeve	9.65 kg