

# Toyana CX255 wheel bearings

Enjoy High Margins on Competitive Pricing.Great Wholesale Products at Low 210x140x33 Size (mm) Costs.

Size (mm)	210x140x33
Bore Diameter (mm)	210
Outer Diameter (mm)	140
Width (mm)	33
d	140 mm
D	210 mm
B	33 mm
d1	161.6 mm
d2	161.6 mm
D1	188.4 mm
K	0.5 mm
C1	8.9 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	57.5 mm
da – min.	149 mm
db – min.	149 mm
Da – max.	201 mm
Db – max.	205 mm
ra – max.	2 mm
rb – max.	1 mm
dn	166.3 mm
Basic dynamic load rating – C	146 kN
Basic static load rating – C0	156 kN

Fatigue load limit – Pu	5.1 kN
Limiting speed for grease lubrication	5600 r/min
Limiting speed for oil lubrication	8500 mm/min
Ball – Dw	22.225 mm
Ball – z	22
Gref	45 cm <sup>3</sup>
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	900 N
Preload class B – GB	1800 N
Preload class C – GC	3600 N
Preload class D – GD	7200 N
Calculation factor – f	1.16
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1
Preload class A	364 N/micron
Preload class B	477 N/micron
Preload class C	633 N/micron
Preload class D	856 N/micron
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	149 mm

db min.	149 mm
Da max.	201 mm
Db max.	205 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	146 kN
Basic static load rating C0	156 kN
Fatigue load limit Pu	5.1 kN
Attainable speed for grease lubrication	5600 r/min
Attainable speed for oil-air lubrication	8500 r/min
Ball diameter Dw	22.225 mm
Number of balls z	22
Reference grease quantity Gref	45 cm <sup>3</sup>
Preload class A GA	900 N
Static axial stiffness, preload class A	364 N/μm
Preload class B GB	1800 N
Static axial stiffness, preload class B	477 N/μm
Preload class C GC	3600 N
Static axial stiffness, preload class C	633 N/μm
Preload class D GD	7200 N
Static axial stiffness, preload class D	856 N/μm
Calculation factor f	1.16
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.08
Calculation factor fHC	1
Calculation factor e	0.68

Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	3.42 kg