

Toyana NJ2203 E cylindrical roller bearings

What are the dimensions of a 260 Bore Diameter (mm) Toyana NJ2203 E cylindrical roller bearings? Manufacturing Service . Get Your 260x170x42 Size (mm) Free, Instant 170 Outer Diameter (mm) Quote

Size (mm)	260x170x42
Bore Diameter (mm)	260
Outer Diameter (mm)	170
Width (mm)	42
d	170 mm
D	260 mm
B	42 mm
d1	198.7 mm
d2	198.7 mm
D1	231.3 mm
b	2.8 mm
C1	23.8 mm
C2	7.1 mm
C3	7.1 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1.1 mm
a	71.4 mm
da – min.	181 mm
db – min.	181 mm
Da – max.	249 mm
Db – max.	254 mm

ra – max.	2 mm
rb – max.	1 mm
dn	205.8 mm
Basic dynamic load rating – C	199 kN
Basic static load rating – C0	232 kN
Fatigue load limit – Pu	6.7 kN
Limiting speed for grease lubrication	4800 r/min
Limiting speed for oil lubrication	7000 mm/min
Ball – Dw	26.988 mm
Ball – z	22
Gref	84 cm ³
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	1250 N
Preload class B – GB	2500 N
Preload class C – GC	5000 N
Preload class D – GD	10000 N
Calculation factor – f	1.14
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	433 N/micron
Preload class B	563 N/micron

Preload class C	744 N/micron
Preload class D	1003 N/micron
r _{1,2} min.	2.1 mm
r _{3,4} min.	1.1 mm
d _a min.	181 mm
d _b min.	181 mm
D _a max.	249 mm
D _b max.	254 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	199 kN
Basic static load rating C ₀	232 kN
Fatigue load limit P _u	6.7 kN
Attainable speed for grease lubrication	4800 r/min
Attainable speed for oil-air lubrication	7000 r/min
Ball diameter D _w	26.988 mm
Number of balls z	22
Reference grease quantity G _{ref}	84 cm ³
Preload class A GA	1250 N
Static axial stiffness, preload class A	433 N/μm
Preload class B GB	2500 N
Static axial stiffness, preload class B	563 N/μm
Preload class C GC	5000 N
Static axial stiffness, preload class C	744 N/μm
Preload class D GD	10000 N
Static axial stiffness, preload class D	1003 N/μm
Calculation factor f	1.14
Calculation factor f ₁	0.99
Calculation factor f _{2A}	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	6.99 kg