

# Toyana NP202 E cylindrical roller bearings

Toyana NP202 E cylindrical roller bearings Deal is your source for OEM 115x75x20 Size (mm) and accessories. We sell Genuine at discount prices.

Size (mm)	115x75x20
Bore Diameter (mm)	115
Outer Diameter (mm)	75
Width (mm)	20
d	75 mm
D	115 mm
B	20 mm
d1	89.28 mm
d2	86.8 mm
D2	104.1 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	22.8 mm
da – min.	81 mm
da – max.	88.5 mm
db – min.	81 mm
db – max.	86 mm
Da – max.	109 mm
Db – max.	110.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
Basic dynamic load rating – C	26 kN

Basic static load rating – C0	21.6 kN
Fatigue load limit – Pu	0.915 kN
Limiting speed for grease lubrication	19000 r/min
Ball – Dw	9.525 mm
Ball – z	26
Calculation factor – f0	9.5
Preload class A – GA	140 N
Preload class B – GB	420 N
Preload class C – GC	840 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	72 N/micron
Preload class B	113 N/micron
Preload class C	156 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	81 mm
da max.	88.5 mm
db min.	81 mm
db max.	86 mm
Da max.	109 mm
Db max.	110.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	26 kN
Basic static load rating C0	21.6 kN

Fatigue load limit $P_u$	0.915 kN
Attainable speed for grease lubrication	19000 r/min
Ball diameter $D_w$	9.525 mm
Number of balls $z$	26
Preload class A $G_A$	140 N
Static axial stiffness, preload class A	72 N/ $\mu\text{m}$
Preload class B $G_B$	420 N
Static axial stiffness, preload class B	113 N/ $\mu\text{m}$
Preload class C $G_C$	840 N
Static axial stiffness, preload class C	156 N/ $\mu\text{m}$
Calculation factor $f$	1.1
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1.01
Calculation factor $f_0$	9.5
Mass bearing	0.62 kg