

ISO NP3068 cylindrical roller bearings

Enjoy High 95 Outer Diameter (mm) Margins on Competitive Pricing.Great Wholesale Products at Low 120x95x13 Size (mm) Costs.

Size (mm)	120x95x13
Bore Diameter (mm)	120
Outer Diameter (mm)	95
Width (mm)	13
d	95 mm
D	120 mm
B	13 mm
d1	103.2 mm
d2	103.2 mm
D1	112.1 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	31.6 mm
da – min.	99.6 mm
db – min.	99.6 mm
Da – max.	115.4 mm
Db – max.	118 mm
ra – max.	1 mm
rb – max.	0.3 mm
dn	104.1 mm
Basic dynamic load rating – C	20.8 kN
Basic static load rating – C0	25.5 kN

Fatigue load limit – Pu	1.1 kN
Limiting speed for grease lubrication	11000 r/min
Limiting speed for oil lubrication	17000 mm/min
Ball – Dw	7.144 mm
Ball – z	32
Gref	3.1 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	186 N
Preload class B – GB	560 N
Preload class C – GC	1120 N
Calculation factor – f	1.36
Calculation factor – f1	0.97
Calculation factor – f2A	1
Calculation factor – f2B	1.09
Calculation factor – f2C	1.17
Calculation factor – fHC	1.02
Preload class A	222 N/micron
Preload class B	351 N/micron
Preload class C	484 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	99.6 mm
db min.	99.6 mm
Da max.	115.4 mm
Db max.	118 mm

ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	20.8 kN
Basic static load rating C0	25.5 kN
Fatigue load limit Pu	1.06 kN
Attainable speed for grease lubrication	11000 r/min
Attainable speed for oil-air lubrication	17000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	32
Reference grease quantity Gref	3.1 cm ³
Preload class A GA	186 N
Static axial stiffness, preload class A	222 N/μm
Preload class B GB	560 N
Static axial stiffness, preload class B	351 N/μm
Preload class C GC	1120 N
Static axial stiffness, preload class C	484 N/μm
Calculation factor f	1.36
Calculation factor f1	0.97
Calculation factor f2A	1
Calculation factor f2B	1.09
Calculation factor f2C	1.17
Calculation factor fHC	1.02
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	0.26 kg