

Toyana 2221K+H321 self aligning ball bearings

are a few brands you will find in our inventory. Find 140x100x20 Size (mm) Toyana 2221K+H321 self aligning ball bearings to see what's in stock!

Size (mm)	140x100x20
Bore Diameter (mm)	140
Outer Diameter (mm)	100
Width (mm)	20
d	100 mm
D	140 mm
B	20 mm
d1	112.4 mm
d2	109 mm
D1	127.51 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	26.7 mm
da – min.	106 mm
db – min.	103.2 mm
Da – max.	134 mm
Db – max.	136.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	115.4 mm
Basic dynamic load rating – C	39 kN
Basic static load rating – C0	31.5 kN

Fatigue load limit – Pu	1.2 kN
Limiting speed for grease lubrication	13300 r/min
Limiting speed for oil lubrication	20500 mm/min
Ball – Dw	12.7 mm
Ball – z	24
Gref	10 cm ³
Calculation factor – f ₀	8.5
Preload class A – GA	208 N
Preload class B – GB	624 N
Preload class C – GC	1250 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.04
Calculation factor – f _{2C}	1.08
Calculation factor – f _{HC}	1
Preload class A	73 N/micron
Preload class B	116 N/micron
Preload class C	160 N/micron
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	106 mm
d _b min.	103.2 mm
D _a max.	134 mm
D _b max.	136.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	39 kN
Basic static load rating C ₀	31.5 kN
Fatigue load limit Pu	1.2 kN

Attainable speed for grease lubrication	13300 r/min
Attainable speed for oil-air lubrication	20500 r/min
Ball diameter D_w	12.7 mm
Number of balls z	24
Reference grease quantity G_{ref}	10 cm ³
Preload class A G_A	208 N
Static axial stiffness, preload class A	73 N/ μ m
Preload class B G_B	624 N
Static axial stiffness, preload class B	116 N/ μ m
Preload class C G_C	1250 N
Static axial stiffness, preload class C	160 N/ μ m
Calculation factor f	1.18
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.08
Calculation factor f_{HC}	1
Calculation factor f_0	8.5
Mass bearing	0.77 kg