

Toyana 7206 A-UD angular contact ball bearings

Online 120x95x13 Size (mm) shopping Toyana 7206 A-UD angular contact ball bearings 95 Outer Diameter (mm) from a great selection at Store. ... Accessories.

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	20.9 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	22.1 kN
Basic static load rating – C0	27.5 kN

Fatigue load limit – Pu	1.1 kN
Limiting speed for grease lubrication	12000 r/min
Limiting speed for oil lubrication	19000 mm/min
Ball – Dw	7.144 mm
Ball – z	32
Gref	3.1 cm ³
Calculation factor – f ₀	17.3
Preload class A – GA	117 N
Preload class B – GB	355 N
Preload class C – GC	710 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.1
Calculation factor – f _{2C}	1.18
Calculation factor – f _{HC}	1.02
Preload class A	94 N/micron
Preload class B	164 N/micron
Preload class C	242 N/micron
r _{1,2} min.	1 mm
r _{3,4} min.	0.3 mm
d _a min.	99.6 mm
d _b min.	99.6 mm
D _a max.	115.4 mm
D _b max.	118 mm
r _a max.	1 mm
r _b max.	0.3 mm
Basic dynamic load rating C	22.1 kN
Basic static load rating C ₀	27.5 kN
Fatigue load limit Pu	1.12 kN

Attainable speed for grease lubrication	12000 r/min
Attainable speed for oil-air lubrication	19000 r/min
Ball diameter D_w	7.144 mm
Number of balls z	32
Reference grease quantity G_{ref}	3.1 cm ³
Preload class A G_A	117 N
Static axial stiffness, preload class A	94 N/ μ m
Preload class B G_B	355 N
Static axial stiffness, preload class B	164 N/ μ m
Preload class C G_C	710 N
Static axial stiffness, preload class C	242 N/ μ m
Calculation factor f	1.36
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.1
Calculation factor f_{2C}	1.18
Calculation factor f_{HC}	1.02
Calculation factor f_0	17.3
Mass bearing	0.26 kg