

# 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 <sup>3</sup>
Calculation factor – f <sub>0</sub>	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 <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.1
Calculation factor – f <sub>2C</sub>	1.18
Calculation factor – f <sub>HC</sub>	1.02
Preload class A	94 N/micron
Preload class B	164 N/micron
Preload class C	242 N/micron
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.3 mm
d <sub>a</sub> min.	99.6 mm
d <sub>b</sub> min.	99.6 mm
D <sub>a</sub> max.	115.4 mm
D <sub>b</sub> max.	118 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.3 mm
Basic dynamic load rating C	22.1 kN
Basic static load rating C <sub>0</sub>	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 <sup>3</sup>
Preload class A $G_A$	117 N
Static axial stiffness, preload class A	94 N/ $\mu$ m
Preload class B $G_B$	355 N
Static axial stiffness, preload class B	164 N/ $\mu$ m
Preload class C $G_C$	710 N
Static axial stiffness, preload class C	242 N/ $\mu$ 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