

# Toyana 7006 A-UX angular contact ball bearings

We 82,55 Bore Diameter (mm) work closely with our Toyana 7006 A-UX angular contact ball bearings manufacturing partners to bring the best value 82.55×146.05×41.275 Size (mm) to customers.

Size (mm)	82.55×146.05×41.275
Bore Diameter (mm)	82,55
Outer Diameter (mm)	146,05
Width (mm)	41,275
d	82,55 mm
D	146,05 mm
T	41,275 mm
B	41,275 mm
C	31,75 mm
ra1 max.	3,3 mm
a	8 mm
Da	131 mm
db	92 mm
ra max.	3,5 mm
da	99 mm
Db	139 mm
Weight	2,78 Kg
Basic dynamic load rating (C)	206 kN
Basic static load rating (C0)	295 kN
(Grease) Lubrication Speed	2 500 r/min
(Oil) Lubrication Speed	3 300 r/min

Calculation factor (e)	0,41
Calculation factor (Y0)	0,81
d1	114.4 mm
e	0.41
Y2	1.47
Y0	0.81
Mass	2.78 kg
Dynamic load, C	206 kN
Rating life coefficient, A2	1.4
Static load, C0	295 kN
Fatigue limit load, Cu	34.5 kN
Nlim (oil)	3,300 rpm
Nlim (grease)	2,500 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.53 Hz
Characteristic outer ring frequency, BPF0	8.74 Hz
Characteristic inner ring frequency, BRFI	11.26 Hz
ra max	3.5 mm
rla max	3.3 mm