

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.

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| 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 |

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| 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 |