

Toyana 7004 B-U0 angular contact ball bearings

Request A Quote 90 Bore Diameter (mm) For Your Special Toyana 7004 B-U0 angular contact ball bearings Needs Today! Free Quotes. ISO 90x55x18 Size (mm) 9001 certified. 55 Outer Diameter (mm)

Size (mm)	90x55x18
Bore Diameter (mm)	90
Outer Diameter (mm)	55
Width (mm)	18
d	55 mm
D	90 mm
B	18 mm
d1	68.18 mm
d2	66.65 mm
D2	79.39 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	18.8 mm
da – min.	61 mm
da – max.	67.6 mm
db – min.	61 mm
db – max.	66.1 mm
Da – max.	84 mm
Db – max.	86.8 mm
ra – max.	1 mm
rb – max.	0.6 mm

Basic dynamic load rating – C	14 kN
Basic static load rating – C0	11 kN
Fatigue load limit – Pu	0.465 kN
Limiting speed for grease lubrication	22000 r/min
Ball – Dw	6.747 mm
Ball – z	26
Calculation factor – f0	9.7
Preload class A – GA	38 N
Preload class B – GB	92 N
Preload class C – GC	275 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – fHC	1
Preload class A	38 N/micron
Preload class B	50 N/micron
Preload class C	80 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	61 mm
da max.	67.6 mm
db min.	61 mm
db max.	66.1 mm
Da max.	84 mm
Db max.	86.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	18.6 kN

Basic static load rating C_0	19 kN
Fatigue load limit P_u	0.465 kN
Attainable speed for grease lubrication	22000 r/min
Ball diameter D_w	6.747 mm
Number of balls z	26
Preload class A GA	38 N
Static axial stiffness, preload class A	38 N/ μm
Preload class B GB	92 N
Static axial stiffness, preload class B	50 N/ μm
Preload class C GC	275 N
Static axial stiffness, preload class C	80 N/ μm
Calculation factor f	1.06
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1
Calculation factor f_0	9.7
Mass bearing	0.42 kg