

# Toyana 7048 A angular contact ball bearings

How 75x45x16 Size (mm) do I place an EMERGENCY order for a Toyana 7048 A angular contact ball bearings that I want to pick up at 75 Bore Diameter (mm) a our store?

Size (mm)	75x45x16
Bore Diameter (mm)	75
Outer Diameter (mm)	45
Width (mm)	16
d	45 mm
D	75 mm
B	16 mm
d1	55.7 mm
d2	53.6 mm
D1	64.25 mm
K	0.5 mm
C1	5.53 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	16.1 mm
da – min.	49.6 mm
db – min.	49.6 mm
Da – max.	70.4 mm
Db – max.	70.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	57.6 mm

Basic dynamic load rating – C	13 kN
Basic static load rating – C0	8.5 kN
Fatigue load limit – Pu	0.36 kN
Limiting speed for grease lubrication	32000 r/min
Limiting speed for oil lubrication	50000 mm/min
Ball – Dw	7.144 mm
Ball – z	21
Gref	3.4 cm <sup>3</sup>
Calculation factor – f0	8.2
Preload class A – GA	70 N
Preload class B – GB	210 N
Preload class C – GC	410 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1.01
Preload class A	42 N/micron
Preload class B	65 N/micron
Preload class C	88 N/micron
r1,2 min.	1 mm
r3,4 min.	0.6 mm
da min.	49.6 mm
db min.	49.6 mm
Da max.	70.4 mm
Db max.	70.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	13 kN

Basic static load rating C0	8.5 kN
Fatigue load limit Pu	0.36 kN
Attainable speed for grease lubrication	32000 r/min
Attainable speed for oil-air lubrication	50000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	21
Reference grease quantity Gref	3.4 cm <sup>3</sup>
Preload class A GA	70 N
Static axial stiffness, preload class A	42 N/μm
Preload class B GB	210 N
Static axial stiffness, preload class B	65 N/μm
Preload class C GC	410 N
Static axial stiffness, preload class C	88 N/μm
Calculation factor f	1.06
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.05
Calculation factor fHC	1.01
Calculation factor f0	8.2
Mass bearing	0.22 kg