

# Toyana Q1036 angular contact ball bearings

What is Toyana Q1036 angular contact ball bearings 17x35x10 Size (mm) in mechanical engineering? Manufacturing Service . 17 Bore Diameter (mm) Upload your CAD file for an instant.

Size (mm)	17x35x10
Bore Diameter (mm)	17
Outer Diameter (mm)	35
Width (mm)	10
d	17 mm
D	35 mm
B	10 mm
C	10 mm
d1	22.7 mm
d2	21.1 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
r3 min.	0,15 mm
r4 min.	0,15 mm
D1	31,2 mm
D2	31.2 mm
da min.	19 mm
Da max.	33 mm
db min	19 mm
ra max.	0.3 mm
rb max.	0.15 mm
dh	24,1 mm

Db max	33,6 mm
Weight	0,035 Kg
Basic dynamic load rating (C)	5,85 kN
Basic static load rating (C0)	2,55 kN
(Grease) Lubrication Speed	63 000 r/min
(Oil) Lubrication Speed	95 000 r/min
Fatigue load limit (Pu)	0,108
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
a	8.6 mm
da max.	22.3 mm
db min.	19 mm
db max.	20.7 mm
Db max.	33.6 mm
Basic dynamic load rating C	5.85 kN
Basic static load rating C0	2.55 kN
Fatigue load limit Pu	0.108 kN
Attainable speed for grease lubrication	63000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	12
Preload class A GA	30 N
Static axial stiffness, preload class A	18 N/μm
Preload class B GB	90 N
Static axial stiffness, preload class B	28 N/μm
Preload class C GC	185 N
Static axial stiffness, preload class C	39 N/μm
Calculation factor f	1.04
Calculation factor f1	1
Calculation factor f2A	1

Calculation factor f2B	1.03
Calculation factor f2C	1.05
Calculation factor fHC	1
Calculation factor f0	7.2
Mass bearing	0.037 kg