

# Toyana 22336 ACKMW33+AH2336 spherical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your Toyana 22336 ACKMW33+AH2336 spherical roller bearings 35 Bore Diameter (mm) needs – including routine 35x17x10 Size (mm) maintenance, major repairs, warranty service, and equipment inspections. 17 Outer Diameter (mm)

Size (mm)	35x17x10
Bore Diameter (mm)	35
Outer Diameter (mm)	17
Width (mm)	10
d	17 mm
D	35 mm
B	10 mm
d1	22.6 mm
d2	22.6 mm
D1	29.3 mm
K	0.5 mm
C1	6.05 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	8.5 mm
da – min.	19 mm
db – min.	19 mm
Da – max.	33 mm
Db – max.	33.6 mm
ra – max.	0.3 mm

rb – max.	0.2 mm
dn	23.7 mm
Basic dynamic load rating – C	6.8 kN
Basic static load rating – C0	3.2 kN
Fatigue load limit – Pu	0.137 kN
Limiting speed for grease lubrication	50000 r/min
Limiting speed for oil lubrication	75000 mm/min
Ball – Dw	5.556 mm
Ball – z	12
Gref	0.54 cm <sup>3</sup>
Calculation factor – f0	9.1
Preload class A – GA	25 N
Preload class B – GB	50 N
Preload class C – GC	100 N
Preload class D – GD	200 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.09
Calculation factor – fHC	1
Preload class A	19 N/micron
Preload class B	26 N/micron
Preload class C	35 N/micron
Preload class D	50 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	19 mm
db min.	19 mm

Da max.	33 mm
Db max.	33.6 mm
ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	6.76 kN
Basic static load rating C0	3.25 kN
Fatigue load limit Pu	0.137 kN
Attainable speed for grease lubrication	50000 r/min
Attainable speed for oil-air lubrication	75000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	12
Reference grease quantity Gref	0.54 cm <sup>3</sup>
Preload class A GA	25 N
Static axial stiffness, preload class A	19 N/μm
Preload class B GB	50 N
Static axial stiffness, preload class B	26 N/μm
Preload class C GC	100 N
Static axial stiffness, preload class C	35 N/μm
Preload class D GD	200 N
Static axial stiffness, preload class D	50 N/μm
Calculation factor f	1.04
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.09
Calculation factor fHC	1
Calculation factor f0	9.1
Mass bearing	0.038 kg