

Toyana 23036 KCW33 spherical roller bearings

Toyana 23036 KCW33 spherical roller bearings 17x30x7 Size (mm)
Product Brochures , 30 Outer Diameter (mm) Manufacturing
Service . Get Your Free. 17 Bore Diameter (mm)

Size (mm)	17x30x7
Bore Diameter (mm)	17
Outer Diameter (mm)	30
Width (mm)	7
d	17 mm
D	30 mm
B	7 mm
C	7 mm
d1	21.1 mm
d2	20.1 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
r3 min.	0,15 mm
r4 min.	0,15 mm
D1	25.9 mm
D2	– mm
da min.	19 mm
Da max.	28 mm
db min	19 mm
ra max.	0.3 mm
rb max.	0.15 mm
dh	22 mm

Db max	29,2 mm
Weight	0,014 Kg
Basic dynamic load rating (C)	3,19 kN
Basic static load rating (C0)	1,46 kN
(Grease) Lubrication Speed	75 000 r/min
(Oil) Lubrication Speed	115 000 r/min
Fatigue load limit (Pu)	0,063
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
a	9.6 mm
db min.	19 mm
Db max.	29.2 mm
dn	22 mm
Basic dynamic load rating C	3.19 kN
Basic static load rating C0	1.46 kN
Fatigue load limit Pu	0.063 kN
Attainable speed for grease lubrication	75000 r/min
Attainable speed for oil-air lubrication	115000 r/min
Ball diameter Dw	3.969 mm
Number of balls z	13
Reference grease quantity Gref	0.2 cm ³
Preload class A GA	29 N
Static axial stiffness, preload class A	39 N/μm
Preload class B GB	87 N
Static axial stiffness, preload class B	61 N/μm
Preload class C GC	175 N
Static axial stiffness, preload class C	79 N/μm
Calculation factor f	1.05
Calculation factor f1	0.98

Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor fHC	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.014 kg