Toyana 23938 KCW33+AH3938 spherical roller bearings

Our highly-skilled and factory-trained service experts have the resources to 72 Bore Diameter (mm) help you with all your Toyana 23938 KCW33+AH3938 spherical roller bearings needs – including routine maintenance, major repairs, warranty service, and 72x35x17 Size (mm) equipment inspections.

Size (mm)	72x35x17
Bore Diameter (mm)	72
Outer Diameter (mm)	35
Width (mm)	17
d	35 mm
D	72 mm
B	17 mm
d1	46.8 mm
d2	46.8 mm
D2	63.2 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.3 mm
a	15.7 mm
da – min.	42 mm
da – max.	46.2 mm
db – min.	42 mm
db – max.	46.2 mm
Da – max.	65 mm
Db – max.	69.6 mm
ra – max.	1 mm

rb – max.	0.3 mm
Basic dynamic load rating – C	31.9 kN
Basic static load rating – C0	21.6 kN
Fatigue load limit – Pu	0.915 kN
Limiting speed for grease lubrication	20000 r/min
Ball – Dw	11.112 mm
Ball – z	13
Calculation factor – f0	13.9
Preload class A – GA	120 N
Preload class B – GB	240 N
Preload class C – GC	480 N
Preload class D – GD	960 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.01
Calculation factor – f2C	1.03
Calculation factor – f2D	1.05
Calculation factor – fHC	1
Preload class A	50 N/micron
Preload class B	67 N/micron
Preload class C	94 N/micron
Preload class D	136 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.3 mm
da min.	42 mm
da max.	46.2 mm
db min.	42 mm
db max.	46.2 mm
Da max.	65 mm

Db max.	69.6 mm
ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating C0	21.6 kN
Fatigue load limit Pu	0.915 kN
Attainable speed for grease lubrication	20000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	13
Preload class A GA	120 N
Static axial stiffness, preload class A	50 N/µm
Preload class B GB	240 N
Static axial stiffness, preload class B	67 N/µm
Preload class C GC	480 N
Static axial stiffness, preload class C	94 N/µm
Preload class D GD	960 N
Static axial stiffness, preload class D	136 N/µm
Calculation factor f	1.05
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.03
Calculation factor f2D	1.05
Calculation factor fHC	1
Calculation factor f0	13.9
Mass bearing	0.29 kg