Timken 596-S/592D+X2S-596 tapered roller bearings

We Provide Extensive Timken 596-S/592D+X2S-596 tapered roller bearings Selection And 55x35x10 Size (mm) Competitive Wholesale 35 Outer Diameter (mm) Pricing.

Size (mm)	55x35x10
Bore Diameter (mm)	55
Outer Diameter (mm)	35
Width (mm)	10
d	35 mm
D	55 mm
B	10 mm
d1	41.7 mm
d2	40.2 mm
D1	48.29 mm
K	0.5 mm
C1	6.15 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	16.2 mm
da – min.	38.2 mm
db – min.	37 mm
Da – max.	51.8 mm
Db – max.	53 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	43 mm

Basic dynamic load rating – C	7.3 kN
Basic static load rating – C0	4.5 kN
Fatigue load limit – Pu	0.19 kN
Limiting speed for grease lubrication	32000 r/min
Limiting speed for oil lubrication	50000 mm/min
Ball – Dw	5.556 mm
Ball – z	19
Gref	0.8 cm3
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	66 N
Preload class B – GB	200 N
Preload class C – GC	400 N
Calculation factor – f	1.05
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.07
Calculation factor – fHC	1
Preload class A	69 N/micron
Preload class B	104 N/micron
Preload class C	136 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	38.2 mm
db min.	37 mm

Da max.	51.8 mm
Db max.	53 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	7.28 kN
Basic static load rating C0	4.5 kN
Fatigue load limit Pu	0.19 kN
Attainable speed for grease lubrication	32000 r/min
Attainable speed for oil-air lubrication	50000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	19
Reference grease quantity Gref	0.8 cm^3
Preload class A GA	66 N
Static axial stiffness, preload class A	69 N/µm
Preload class B GB	200 N
Static axial stiffness, preload class B	104 N/µm
Preload class C GC	400 N
Static axial stiffness, preload class C	136 N/µm
Calculation factor f	1.05
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.07
Calculation factor fHC	1
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	0.075 kg