

KOYO 598A/592XE tapered roller bearings

Online shopping 68x40x15 Size (mm) KOYO 598A/592XE tapered roller bearings from a great selection at Store. 68 Bore Diameter (mm) ... 40 Outer Diameter (mm) Accessories.

Size (mm)	68x40x15
Bore Diameter (mm)	68
Outer Diameter (mm)	40
Width (mm)	15
d	40 mm
D	68 mm
B	15 mm
d1	50.95 mm
d2	49.87 mm
D2	58.88 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	14.8 mm
da – min.	44.6 mm
db – min.	44.6 mm
Da – max.	63.4 mm
Db – max.	64.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	51.6 mm
Basic dynamic load rating – C	7.4 kN
Basic static load rating – C0	5.6 kN

Fatigue load limit – Pu	0.236 kN
Limiting speed for grease lubrication	28000 r/min
Limiting speed for oil lubrication	43000 mm/min
Ball – Dw	4.762 mm
Ball – z	26
Gref	2.22 cm ³
Calculation factor – f ₀	9.8
Preload class A – GA	24 N
Preload class B – GB	48 N
Preload class C – GC	145 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.02
Calculation factor – f _{2C}	1.05
Calculation factor – f _{HC}	1
Preload class A	28 N/micron
Preload class B	36 N/micron
Preload class C	57 N/micron
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
d _a min.	44.6 mm
d _b min.	44.6 mm
D _a max.	63.4 mm
D _b max.	64.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	9.95 kN
Basic static load rating C ₀	9.3 kN
Fatigue load limit Pu	0.236 kN

Attainable speed for grease lubrication	28000 r/min
Attainable speed for oil-air lubrication	43000 r/min
Ball diameter D_w	4.762 mm
Number of balls z	26
Reference grease quantity G_{ref}	2.22 cm ³
Preload class A G_A	24 N
Static axial stiffness, preload class A	28 N/ μ m
Preload class B G_B	48 N
Static axial stiffness, preload class B	36 N/ μ m
Preload class C G_C	145 N
Static axial stiffness, preload class C	57 N/ μ m
Calculation factor f	1.04
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1
Calculation factor f_0	9.8
Mass bearing	0.21 kg