

NTN 4T-598A/592A tapered roller bearings

NTN 4T-598A/592A tapered roller bearings manufacturer and global supplier of reliable ball and roller ... NTN 4T-598A/592A tapered roller bearings Industries Products Manufacturing & Engineering 140x100x20 Size (mm) and Agricultural Bearings designed to meet the unique requirements of our targeted industries.

Size (mm)	140x100x20
Bore Diameter (mm)	140
Outer Diameter (mm)	100
Width (mm)	20
d	100 mm
D	140 mm
B	20 mm
d1	112.3 mm
d2	112.3 mm
D2	130.7 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	26.1 mm
da – min.	106 mm
da – max.	111.7 mm
db – min.	106 mm
db – max.	111.7 mm
Da – max.	134 mm
Db – max.	136 mm
ra – max.	1 mm

rb – max.	0.6 mm
Basic dynamic load rating – C	60.5 kN
Basic static load rating – C0	65.5 kN
Fatigue load limit – Pu	2.6 kN
Limiting speed for grease lubrication	11000 r/min
Ball – Dw	12.7 mm
Ball – z	26
Calculation factor – f0	16.3
Preload class A – GA	230 N
Preload class B – GB	460 N
Preload class C – GC	920 N
Preload class D – GD	1840 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.07
Calculation factor – f2C	1.12
Calculation factor – f2D	1.18
Calculation factor – fHC	1.04
Preload class A	119 N/micron
Preload class B	164 N/micron
Preload class C	232 N/micron
Preload class D	340 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	106 mm
da max.	111.7 mm
db min.	106 mm
db max.	111.7 mm
Da max.	134 mm

Db max.	136 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	60.5 kN
Basic static load rating C0	65.5 kN
Fatigue load limit Pu	2.55 kN
Attainable speed for grease lubrication	11000 r/min
Ball diameter Dw	12.7 mm
Number of balls z	26
Preload class A GA	230 N
Static axial stiffness, preload class A	119 N/ μ m
Preload class B GB	460 N
Static axial stiffness, preload class B	164 N/ μ m
Preload class C GC	920 N
Static axial stiffness, preload class C	232 N/ μ m
Preload class D GD	1840 N
Static axial stiffness, preload class D	340 N/ μ m
Calculation factor f	1.23
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.07
Calculation factor f2C	1.12
Calculation factor f2D	1.18
Calculation factor fHC	1.04
Calculation factor f0	16.3
Mass bearing	0.68 kg