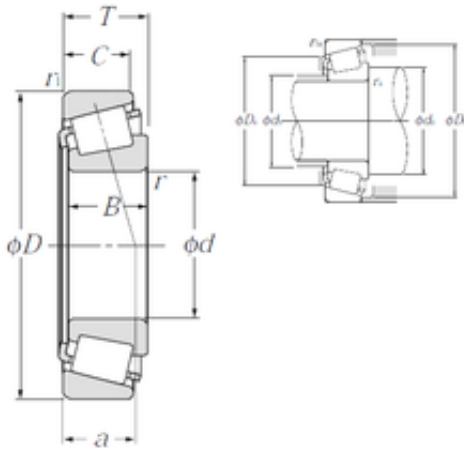




# ASAHI FORGE OF AMERICA BEARING CORP.

68,262 mm x 123,825 mm x 36,678 mm NTN  
4T-560S/552A tapered roller bearings



Bearing No. 4T-560S/552A

4T-560S/552A Bearing 2D drawings and 3D CAD models

|                               |                        |
|-------------------------------|------------------------|
| Size                          | 68.262x123.825x38.1 mm |
| Bore Diameter                 | 68,262 mm              |
| Outer Diameter                | 123,825 mm             |
| Width                         | 38,1 mm                |
| d                             | 68,262 mm              |
| D                             | 123,825 mm             |
| T                             | 38,1 mm                |
| B                             | 36,678 mm              |
| C                             | 30,162 mm              |
| ra1 max.                      | 3,3 mm                 |
| a                             | 9,4 mm                 |
| Da                            | 109 mm                 |
| db                            | 76 mm                  |
| ra max.                       | 3,5 mm                 |
| da                            | 83 mm                  |
| Db                            | 116 mm                 |
| Weight                        | 1,87 Kg                |
| Basic dynamic load rating (C) | 158 kN                 |
| Basic static load rating (C0) | 216 kN                 |
| (Grease) Lubrication Speed    | 3 000 r/min            |
| (Oil) Lubrication Speed       | 4 100 r/min            |
| Calculation factor (e)        | 0,35                   |
| Calculation factor (Y0)       | 0,95                   |
| d1                            | 92.5 mm                |
| e                             | 0.35                   |



## ASAHI FORGE OF AMERICA BEARING CORP.

|   |           |
|---|-----------|
| Y2  | 1.73      |
| Y0  | 0.95      |
| Mass  | 1.87 kg   |
| Dynamic load, C                               | 158 kN    |
| Rating life coefficient, A2                   | 1.4       |
| Static load, C0                               | 216 kN    |
| Fatigue limit load, Cu                        | 26.3 kN   |
| Nlim (oil)                                    | 4,100 rpm |
| Nlim (grease)                                 | 3,000 rpm |
| Min operating temperature, Tmin               | -40 ° C   |
| Max operating temperature, Tmax               | 120 ° C   |
| Characteristic cage frequency, FTF            | 0.43 Hz   |
| Characteristic rolling element frequency, BSF | 7.04 Hz   |
| Characteristic outer ring frequency, BPF0     | 8.21 Hz   |
| Characteristic inner ring frequency, BPF1     | 10.79 Hz  |
| ra max  | 3.5 mm    |
| r1a max                                       | 3.3 mm    |