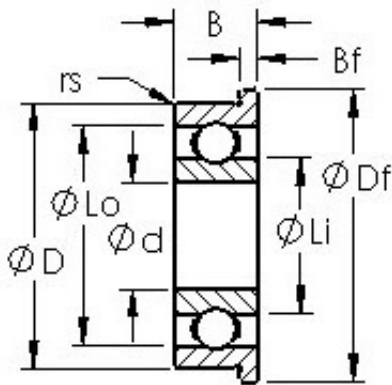




# NTN Bearing Manufacturing



## AST F603H deep groove ball bearings

Bearing No. F603H

|  |                             |
|--|-----------------------------|
| Size                                   | 3x9x3 mm                    |
| Bore Diameter                          | 3 mm                        |
| Outer Diameter                         | 9 mm                        |
| Width                                  | 3 mm                        |
| Bearing Type                           | Flanged Open                |
| Bore Dia (d)                           | 3.0000                      |
| Outer Dia (D)                          | 9.0000                      |
| Width (B)                              | 3.0000                      |
| Radius (min) (rs)                      | 0.150                       |
| Flange Dia (Df)                        | 10.5000                     |
| Flange Width (Bf)                      | 0.700                       |
| Dynamic Load Rating (Cr)               | 230                         |
| Static Load Rating (Cor)               | 151                         |
| Max Speed (Grease) (X1000 RPM)         | 56                          |
| Max Speed (Oil) (X1000 RPM)            | 67                          |
| Max. Shaft Shoulder Dia. Inner (Li)    | 4.9                         |
| Min. Housing Shoulder Dia., Outer (Lo) | 7.2                         |
| Ball Qty                               | 6                           |
| Ball Dia (Dw)                          | 1.5880                      |
| Weight (g)                             | 0.96                        |
| Precision                              | A1                          |
| Standard Clearance                     | K25                         |
| Material                               | Martensitic Stainless Steel |

F603H Bearing 2D drawings and 3D CAD models