



**Bearing No. AST40 0812**

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| Material                                       | Steel shell with PTFE / Polymer Fiber lining |
| Bearing Type                                   | straight                                     |
| Bearing number                                 | AST40 0812                                   |
| Bore Diameter (mm)                             | 8                                            |
| Outer Diameter (mm)                            | 10                                           |
| Wall Thickness (S3)                            | 1.005                                        |
| Housing Bore Dia. (Dh)                         | 10 +0.015 / +0                               |
| Average Clearance (Cd)                         | 0.0430                                       |
| OD Chamfer Length (Co)                         | 0.600                                        |
| ID Chamfer Length (Ci)                         | 0.300                                        |
| Shaft Dia., Nominal (d)                        | 8.0000                                       |
| ID Chamfer Angle (B deg.)                      | 30                                           |
| Bearing Length, Nominal (B)                    | 12.000                                       |
| Bearing Bore after Mounting (di)               | 8.055 / 7.99                                 |
| Shaft Size (ds) - 8<br>-0.013 / -0.028         | 8 0.013 / 0.028                              |
| Bearing Outside Diameter, Nominal(Do)          | 10.000                                       |
| Bearing Outside Diameter Tolerance (Do tol.)   | 10.055 / 10.025                              |
| Bearing Length Tolerance (B tol.) - +0 / -0.30 | +0 / 0.30                                    |