



### Bearing No. AST40 5030

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| Material                                       | Steel shell with PTFE / Polymer Fiber lining |
| Bearing Type                                   | straight                                     |
| Bearing number                                 | AST40 5030                                   |
| Bore Diameter (mm)                             | 50                                           |
| Outer Diameter (mm)                            | 55                                           |
| Wall Thickness (S3)                            | 2.505                                        |
| Housing Bore Dia. (Dh)                         | 55 +0.030 / +0                               |
| Average Clearance (Cd)                         | 0.0880                                       |
| OD Chamfer Length (Co)                         | 1.800                                        |
| ID Chamfer Length (Ci)                         | 0.600                                        |
| Shaft Dia., Nominal (d)                        | 50.0000                                      |
| ID Chamfer Angle (B deg.)                      | 45                                           |
| Bearing Length, Nominal (B)                    | 30.000                                       |
| Bearing Bore after Mounting (di)               | 50.11 / 49.99                                |
| Shaft Size (ds) - 50<br>-0.025 / -0.050        | 50 0.025 / 0.050                             |
| Bearing Outside Diameter, Nominal(Do)          | 55.000                                       |
| Bearing Outside Diameter Tolerance (Do tol.)   | 55.1 / 55.055                                |
| Bearing Length Tolerance (B tol.) - +0 / -0.40 | +0 / 0.40                                    |