

# AST 7030AC angular contact ball bearings

The online 100 Outer Diameter (mm) AST 7030AC angular contact ball bearings parts store gives you immediate access to a selection of more than 1.4 million new, 45 Bore Diameter (mm) used, 45x100x25 Size (mm) remanufactured.

|                               |                  |
|-------------------------------|------------------|
| Size (mm)                     | 45x100x25        |
| Bore Diameter (mm)            | 45               |
| Outer Diameter (mm)           | 100              |
| Width (mm)                    | 25               |
| d                             | 45 mm            |
| D                             | 100 mm           |
| B                             | 25 mm            |
| C                             | 25 mm            |
| a                             | 3.28 mm          |
| b                             | 2.7 mm           |
| r min.                        | 1.5 mm           |
| r1 min.                       | 0.5 mm           |
| D1                            | 96.8 mm          |
| Weight                        | 0.833 Kg         |
| Basic dynamic load rating (C) | 53 kN            |
| Basic static load rating (C0) | 32 kN            |
| (Grease) Lubrication Speed    | 6700 r/min       |
| Bore Type                     | Cylindrical Bore |
| Enclosure                     | Open             |
| Configuration                 | Single Row       |
| Bore Size                     | 45 mm            |

|                         |                   |
|-------------------------|-------------------|
| Outside Diameter        | 100 mm            |
| Width                   | 25 mm             |
| Fillet Radius/Chamfer   | 1.5 mm            |
| r1                      | 0.5 mm            |
| Groove Width            | 2.7 mm            |
| Groove Diameter         | 96.8 mm           |
| a (max)                 | 3.3 mm            |
| Dynamic Load Rating     | 53,000 N          |
| Static Load Rating      | 32,000 N          |
| Limiting Speed – Grease | 7,000 rpm         |
| Limiting Speed – Oil    | 8,200 rpm         |
| Factor fo               | 13.1              |
| Radial Clearance        | 0.006 to 0.023 mm |
| da (min)                | 54 mm             |
| Da (max)                | 91 mm             |
| Dx (min)                | 108 mm            |
| ra (max)                | 1.5 mm            |
| Cy (max)                | 5.4 mm            |