

# KOYO 745AR/742 tapered roller bearings

Welcome to Mounted Bearing Engineering Group the KOYO 745AR/742 tapered roller bearings online seller.

|                          |                         |
|--------------------------|-------------------------|
| Engineering Group        | Mounted Bearing         |
| Shaft Size               | 3-1/2 in                |
| Shaft Size Type          | Imperial                |
| Full Timken Part Number  | TAFC20K308SB            |
| Locking Style            | Tapered Adapter         |
| Weight                   | 40.0 lb                 |
| Housing Style            | Four-Bolt Square Flange |
| UPC Code                 | 0883450121774           |
| Dimension BC             | 11.02 in                |
| Dimension A              | 13 in                   |
| Dimension C              | 5.12 in                 |
| Dimension D              | 9.060 in                |
| Dimension E              | 7.79 in                 |
| Dimension F              | 9.76 in                 |
| Dimension H              | 1.13 in                 |
| Dimension J (Bolt Size)  | 0.75 in                 |
| Dimension G              | 1.25 in                 |
| Dimension L              | 4.16 in                 |
| Dimension M              | 2.3 in                  |
| Dimension N              | 3.710 in                |
| Dimension S              | 3.82 in                 |
| C0 – Static Load         | 113000 lb               |
| C – Dynamic Load (Basic) | 97700 lb                |

|                                    |           |
|------------------------------------|-----------|
| e – Geometry Factor                | 0.26      |
| Y1 – Geometry Factor               | 2.55      |
| Y2 – Geometry Factor               | 3.80      |
| Oil Lubrication – M/N Seal         | 1200 rpm  |
| Oil Lubrication – T Seal           | 2000 rpm  |
| Oil Lubrication – B/C/O Seal       | 900 rpm   |
| Grease Lubrication – M/N Seal      | 1200 rpm  |
| Grease Lubrication – T Seal        | 1600 rpm  |
| Grease Lubrication – B/C/O Seal    | 900 rpm   |
| Float                              | 0.083 in  |
| Shaft Tolerance                    | 0.0040 in |
| Pre Install Clearance Min          | 0.0043 in |
| Pre Install Clearance Max          | 0.0055 in |
| Int Radial Clearance Reduction Min | 0.0018 in |
| Int Radial Clearance Reduction Max | 0.0025 in |
| Adapter Sleeve Axial Movement Min  | 0.027 in  |