

**02878/02820 KOYO Basic  
dynamic load rating (C) 55 kN  
34.925×73.025×22.225mm  
Tapered roller bearings**

|                     |                      |
|---------------------|----------------------|
| Bearing number      | 02878/02820          |
| Size (mm)           | 34.925×73.025×22.225 |
| Brand               | KOYO                 |
| Bore Diameter (mm)  | 34.925               |
| Outer Diameter (mm) | 73.025               |
| Width (mm)          | 22.225               |
| d                   | 34.925 mm            |
| D                   | 73.025 mm            |
| T                   | 22.225 mm            |
| B                   | 22.225 mm            |
| C                   | 17.462 mm            |
| a                   | 18.4 mm              |
| r min.              | 0.8 mm               |
| r1 min.             | 3.2 mm               |
| r2 min.             | 3.2 mm               |
| da min.             | 42.5 mm              |
| Da                  | 62 mm                |
| db min              | 42 mm                |
| db                  | 42 mm                |
| ra max.             | 0.8 mm               |
| rb max.             | 3.2 mm               |
| da                  | 42.5 mm              |

|                               |            |
|-------------------------------|------------|
| Db                            | 68 mm      |
| Weight                        | 0.423 Kg   |
| Basic dynamic load rating (C) | 55 kN      |
| Basic static load rating (C0) | 65.7 kN    |
| (Grease) Lubrication Speed    | 5500 r/min |
| (Oil) Lubrication Speed       | 7400 r/min |
| Calculation factor (e)        | 0.45       |
| Calculation factor (Y0)       | 0.73       |