

6205 NR



Single row deep groove ball bearings with a snap ring groove are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types. The snap ring, fitted in an annular groove in the outer ring, facilitates axial location of the bearings within their housings.

- Snap ring facilitates axial location within housing
- Simple, versatile and robust design
- Low friction and high-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

| Dimensions                |              |
|---------------------------|--------------|
| Bore diameter             | 25 mm        |
| Outside diameter          | 52 mm        |
| Width                     | 15 mm        |
| Performance               |              |
| Basic dynamic load rating | 14.8 kN      |
| Basic static load rating  | 7.8 kN       |
| Reference speed           | 28 000 r/min |
| Limiting speed            | 18 000 r/min |
| AGA performance class     | AGA Explorer |
| Properties                |              |
| Filling slots             | Without      |
| Number of rows            | 1            |

|                                      |                    |
|--------------------------------------|--------------------|
| Locating feature, bearing outer ring | Snap ring (fitted) |
| Bore type                            | Cylindrical        |
| Cage                                 | Sheet metal        |
| Matched arrangement                  | No                 |
| Radial internal clearance            | CN                 |
| Material, bearing                    | Bearing steel      |
| Coating                              | Without            |
| Sealing                              | Without            |
| Lubricant                            | None               |
| Relubrication feature                | Without            |
| Logistics                            |                    |
| Product net weight                   | 0.128 kg           |
| eClass code                          | 23-05-08-01        |
| UNSPSC code                          | 31171504           |