

## W 627/3 R-2Z



Stainless steel single row deep groove ball bearings with flanged outer ring and seals or shields on both sides provide greater chemical and corrosion resistance. As with deep groove ball bearings generally, they 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 other bearing types. The flanged outer ring facilitates axial location of the bearings within their housings. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Greater chemical and corrosion resistance
- Flanged outer ring facilitates axial location of the bearings within their housings
- Integral sealing prolongs bearing service life
- Typical benefits of single row deep groove ball bearings

### Dimensions

|                  |        |
|------------------|--------|
| Bore diameter    | 3 mm   |
| Outside diameter | 6 mm   |
| Width            | 2.5 mm |

### Performance

|                           |               |
|---------------------------|---------------|
| Basic dynamic load rating | 0.117 kN      |
| Basic static load rating  | 0.036 kN      |
| Reference speed           | 170 000 r/min |
| Limiting speed            | 85 000 r/min  |

### Properties

|               |         |
|---------------|---------|
| Filling slots | Without |
|---------------|---------|

|                                      |                      |
|--------------------------------------|----------------------|
| Number of rows                       | 1                    |
| Locating feature, bearing outer ring | Flange               |
| Bore type                            | Cylindrical          |
| Cage                                 | Sheet metal          |
| Matched arrangement                  | No                   |
| Radial internal clearance            | CN                   |
| Material, bearing                    | Stainless steel      |
| Coating                              | Without              |
| Sealing                              | Shield on both sides |
| Sealing type                         | Non-contact          |
| Lubricant                            | Grease               |
| Relubrication feature                | Without              |
| Logistics                            |                      |
| Product net weight                   | 0.001 kg             |
| eClass code                          | 23-05-08-01          |
| UNSPSC code                          | 31171504             |