

# YAT 205/VP076 Insert bearing with set screws locking and narrow inner ring



## Insert bearing with set screws locking and narrow inner ring

Insert bearings are based on sealed deep groove ball bearings. This variant of insert bearing is suitable for applications with both constant and alternating directions of rotation. It has an inner ring extended on one side, and is locked onto the shaft by tightening two (set) screws on the inner ring.

- Quick and easy to mount onto the shaft
- Long service life
- Reduce noise and vibration levels

## Overview

### Dimensions

|                   |         |
|-------------------|---------|
| Bore diameter     | 25 mm   |
| Outside diameter  | 52 mm   |
| Width, total      | 27.2 mm |
| Width, inner ring | 27.2 mm |
| Width, outer ring | 15 mm   |

### Performance

|                           |  |
|---------------------------|--|
| Basic dynamic load rating | 14 kN                                  |
| Basic static load rating  | 7.8 kN                                 |
| Limiting speed            | 8 500 r/min                            |
| Note                      | Limiting speed with shaft tolerance h6 |

### Properties

|                               |                      |
|-------------------------------|----------------------|
| Retaining feature, inner ring | Set screws           |
| Bore type                     | Cylindrical          |
| Rolling elements              | Balls                |
| Outer ring type               | Spherical            |
| Inner ring extension          | On one side          |
| Cage                          | Non-metallic         |
| Rubber seating ring           | Without              |
| Material, bearing             | Bearing steel        |
| Coating                       | Without              |
| Sealing                       | Shield on both sides |
| Sealing type                  | Non-contact          |

Lubricant

Grease

Relubrication feature

With

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