



TIMKEN Miniature ball bearing closure on one side

Miniature ball bearings are single-row deep groove ball bearings with a bore diameter of up to 10 mm. Single-row deep groove ball bearings are extremely versatile. They are simple in design, suitable for high to very high speeds, very robust and thus low-maintenance. Thanks to the deep grooves and the close contact between the grooves and the balls, deep groove ball bearings are extremely well suited to tolerate both radial loads and axial loads in both directions, even at high speeds. Both open (unsealed) and sealed versions of the miniature ball bearings are available.

Bearing with cover plates Z:

The cover plates, manufactured from sheet steel, are primarily suited to applications where the i-race of the bearing rotates. There is a sealing gap between the outer edge of the plate and the i-race. The clearance between the cover plate and the i-race is designed in such a way that no contact can be made, even if the bearing exhibits a large amount of radial play. To prevent corrosion, the cover plates are galvanized.

Characteristics

Series: 62

Type: P38

Execution: Single row

Material: Steel

Sealing: Closure on one side

With flange: No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
P37KD Z1 FS50000	7	22	7	CN (normal)	Steel	13162068
P38KD Z1 FS50000	8	22	7	CN (normal)	Steel	13162066
629-Z	9	26	8	CN (normal)	Steel	13162249

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