



## SKF KRE 72 PP

Cam follower (stud-type track roller) with eccentric collar, integral sealing and ready-to-mount design.

Cam followers (stud-type track rollers) are designed to run on all types of tracks and to be used in cam drives, conveyor systems, etc. They are based on a needle roller bearing with a threaded solid stud instead of an inner ring. The design includes an eccentric collar pressed onto the stud, and a thick-walled outer ring with a crowned running surface. The bearings are supplied sealed and ready-to-mount, and can be relubricated via the stud.

### Technical specifications

| Dimensions                                   |                                    |
|----------------------------------------------|------------------------------------|
| Outside diameter                             | 72 mm                              |
| Attachment diameter                          | 28 mm                              |
| Total length                                 | 80.1 mm                            |
| Width outer ring                             | 29 mm                              |
| Length shank on stud                         | 49.5 mm                            |
| Distance lubrication hole to flange ring     | 11 mm                              |
| Width locking collar                         | 22 mm                              |
| Distance face outer ring to face side washer | 0.8 mm                             |
| Outside diameter flange ring                 | 41.5 mm                            |
| Thread stud                                  | M24x1.5                            |
| Length thread                                | 25 mm                              |
| Seat diameter for lubrication accessories    | 6 mm                               |
| Diameter of lubrication hole (shank)         | 4 mm                               |
| Width across flats                           | 14 mm                              |
| Eccentricity                                 | 1 mm                               |
| Functional outside diameter                  | 72 mm                              |
| Stud diameter                                | 28 mm                              |
| Length                                       | 80.1 mm                            |
| Width, outer ring                            | 29 mm                              |
| Calculation data                             |                                    |
| Basic dynamic load rating                    | 25.5 kN                            |
| Basic static load rating                     | 48 kN                              |
| Fatigue load limit                           | 6 kN                               |
| Maximum dynamic radial loads                 | 100 kN                             |
| Maximum static radial loads                  | 143 kN                             |
| Limiting speed                               | 2200 r/min                         |
| Mounting information                         |                                    |
| Recommended tightening torque                | 220 N·m                            |
| Included products                            |                                    |
| Grease fitting                               | NIP B2x8                           |
| Hexagonal nut                                | M 24x1.5                           |
| Performance                                  |                                    |
| Basic dynamic load rating                    | 25.5 kN                            |
| Basic static load rating                     | 48 kN                              |
| Limiting speed                               | 2200 r/min                         |
| Properties                                   |                                    |
| Rolling elements                             | Needle rollers                     |
| Number of rows                               | 1                                  |
| Outer ring profile                           | Crowned                            |
| Stud alignment                               | Centric stud with eccentric collar |
| Number of flanges, outer ring                | 2                                  |
| Feature for tightening                       | Hexagonal recess                   |

|                           |                         |
|---------------------------|-------------------------|
| Cage                      | With                    |
| Radial internal clearance | Between C2 and CN       |
| Tolerance class           | Other                   |
| Material, bearing         | Bearing steel           |
| Coating                   | Without                 |
| Sealing                   | Seal on both sides      |
| Sealing type              | Contact                 |
| Lubricant                 | Grease                  |
| Relubrication feature     | Centre of each stud end |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 1.26 kg     |
| eClass code        | 23-05-09-03 |
| UNSPSC code        | 31171512    |

# SKF drawings

