



## SKF KR 16 PPX

Cam follower (stud-type track roller) with integral sealing and relubrication feature

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. They have a thick-walled outer ring with a cylindrical running surface and are supplied sealed and ready-to-mount. The bearings can be relubricated via the stud.

### Technical specifications

| Dimensions                                   |                   |
|----------------------------------------------|-------------------|
| Outside diameter                             | 16 mm             |
| Attachment diameter                          | 6 mm              |
| Total length                                 | 28.2 mm           |
| Width outer ring                             | 11 mm             |
| Length shank on stud                         | 16 mm             |
| Distance face outer ring to face side washer | 0.6 mm            |
| Outside diameter flange ring                 | 11.8 mm           |
| Thread stud                                  | M6x1              |
| Length thread                                | 8 mm              |
| Seat diameter for lubrication accessories    | 2 mm              |
| Width across flats                           | 3 mm              |
| Chamfer dimension                            | 0.3 mm            |
| Functional outside diameter                  | 16 mm             |
| Stud diameter                                | 6 mm              |
| Length                                       | 28.2 mm           |
| Width, outer ring                            | 11 mm             |
| Calculation data                             |                   |
| Basic dynamic load rating                    | 2.92 kN           |
| Basic static load rating                     | 3.1 kN            |
| Fatigue load limit                           | 0.325 kN          |
| Maximum dynamic radial loads                 | 3.05 kN           |
| Maximum static radial loads                  | 4.3 kN            |
| Limiting speed                               | 6000 r/min        |
| Mounting information                         |                   |
| Recommended tightening torque                | 3 N·m             |
| Included products                            |                   |
| Grease fitting                               | NIP C2.6x4.5      |
| Hexagonal nut                                | M 6x1             |
| Performance                                  |                   |
| Basic dynamic load rating                    | 2.92 kN           |
| Basic static load rating                     | 3.1 kN            |
| Limiting speed                               | 6000 r/min        |
| Properties                                   |                   |
| Rolling elements                             | Needle rollers    |
| Number of rows                               | 1                 |
| Outer ring profile                           | Cylindrical       |
| Stud alignment                               | Centric           |
| 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 stud head |

| Logistics          |             |
|--------------------|-------------|
| Product net weight | 0.021 kg    |
| eClass code        | 23-05-09-03 |
| UNSPSC code        | 31171512    |

# SKF drawings

