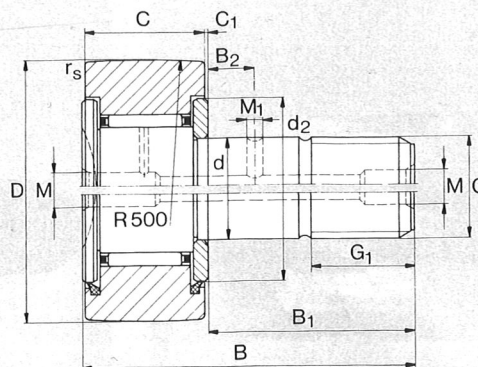


# Stud type track rollers

Series KR, KR...PP, KRE, KRE...PP,  
KRV, KRV...PP, KRVE, KRVE...PP

NUKR, NUKRE



KR...PP)

110047

Dimension table · Dimensions in mm

| Outside diameter | Designation | Mass | With eccentric collar)<br>Designation | Mass  | Dimensions |    |    |                |    |                    |                |            |                |    |                |                   |                  |
|------------------|-------------|------|---------------------------------------|-------|------------|----|----|----------------|----|--------------------|----------------|------------|----------------|----|----------------|-------------------|------------------|
|                  |             |      |                                       |       | D          | d  | C  | r <sub>s</sub> | B  | B <sub>1</sub>     | B <sub>2</sub> | G          | G <sub>1</sub> | M  | M <sub>1</sub> | C <sub>1</sub>    | d <sub>2</sub>   |
|                  |             | g    |                                       | g     |            |    |    | min.           |    |                    |                |            |                |    |                |                   |                  |
| 16               | KR 16       | 18   | KRE 16                                | 20    | 16         | 6  | 11 | 0,15           | 28 | 16                 | —              | M 6        | 8              | °4 | —              | 0,6               | 12               |
|                  | KR 16 PP    | 18   | KRE 16 PP                             | 20    | 16         | 6  | 11 | 0,15           | 28 | 16                 | —              | M 6        | 8              | °4 | —              | 0,6               | 12               |
|                  | KRV 16      | 20   | KRVE 16                               | 22    | 16         | 6  | 11 | 0,15           | 28 | 16                 | —              | M 6        | 8              | °4 | —              | 0,6               | 12               |
|                  | KRV 16 PP   | 20   | KRVE 16 PP                            | 22    | 16         | 6  | 11 | 0,15           | 28 | 16                 | —              | M 6        | 8              | °4 | —              | 0,6               | 12               |
| 19               | KR 19       | 28   | KRE 19                                | 31,2  | 19         | 8  | 11 | 0,15           | 32 | 20                 | —              | M 8        | 10             | °4 | —              | 0,6               | 14               |
|                  | KR 19 PP    | 28   | KRE 19 PP                             | 31,2  | 19         | 8  | 11 | 0,15           | 32 | 20                 | —              | M 8        | 10             | °4 | —              | 0,6               | 14               |
|                  | KRV 19      | 32   | KRVE 19                               | 35,2  | 19         | 8  | 11 | 0,15           | 32 | 20                 | —              | M 8        | 10             | °4 | —              | 0,6               | 14               |
|                  | KRV 19 PP   | 32   | KRVE 19 PP                            | 35,2  | 19         | 8  | 11 | 0,15           | 32 | 20                 | —              | M 8        | 10             | °4 | —              | 0,6               | 14               |
| 22               | KR 22       | 44   | KRE 22                                | 48,3  | 22         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KR 22 PP    | 44   | KRE 22 PP                             | 48,3  | 22         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KRV 22      | 45   | KRVE 22                               | 49,3  | 22         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KRV 22 PP   | 45   | KRVE 22 PP                            | 49,3  | 22         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
| 26               | KR 26       | 58   | KRE 26                                | 62,3  | 26         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KR 26 PP    | 58   | KRE 26 PP                             | 62,3  | 26         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KRV 26      | 61   | KRVE 26                               | 65,3  | 26         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
|                  | KRV 26 PP   | 61   | KRVE 26 PP                            | 65,3  | 26         | 10 | 12 | 0,3            | 36 | 23                 | —              | M 10 x 1   | 12             | 4  | —              | 0,6               | 17               |
| 30               | KR 30       | 87   | KRE 30                                | 92,5  | 30         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KR 30 PP    | 87   | KRE 30 PP                             | 92,5  | 30         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KRV 30      | 89   | KRVE 30                               | 94,5  | 30         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KRV 30 PP   | 89   | KRVE 30 PP                            | 94,5  | 30         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
| 32               | KR 32       | 98   | KRE 32                                | 103,5 | 32         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KR 32 PP    | 98   | KRE 32 PP                             | 103,5 | 32         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KRV 32      | 100  | KRVE 32                               | 105,5 | 32         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
|                  | KRV 32 PP   | 100  | KRVE 32 PP                            | 105,5 | 32         | 12 | 14 | 0,6            | 40 | 25                 | 6              | M 12 x 1,5 | 13             | 6  | 3              | 0,6               | 23               |
| 35               | KR 35       | 169  | KRE 35                                | 181,5 | 35         | 16 | 18 | 0,6            | 52 | 32,5               | 8              | M 16 x 1,5 | 17             | 6  | 3              | 0,8               | 27               |
|                  | KR 35 PP    | 169  | KRE 35 PP                             | 181,5 | 35         | 16 | 18 | 0,6            | 52 | 32,5               | 8              | M 16 x 1,5 | 17             | 6  | 3              | 0,8               | 27               |
|                  | KRV 35      | 171  | KRVE 35                               | 183,5 | 35         | 16 | 18 | 0,6            | 52 | 32,5               | 8              | M 16 x 1,5 | 17             | 6  | 3              | 0,8               | 27               |
|                  | KRV 35 PP   | 171  | KRVE 35 PP                            | 183,5 | 35         | 16 | 18 | 0,6            | 52 | 32,5               | 8              | M 16 x 1,5 | 17             | 6  | 3              | 0,8               | 27               |
|                  | NUKR 35     | 164  | NUKRE 35                              | 176,5 | 35         | 16 | 18 | 0,6            | 52 | 32,5 <sup>4)</sup> | 8              | M 16 x 1,5 | 17             | 6  | 3              | 0,8 <sup>4)</sup> | 21 <sup>4)</sup> |
| 40               | KR 40       | 247  | KRE 40                                | 262,8 | 40         | 18 | 20 | 1              | 58 | 36,5               | 8              | M 18 x 1,5 | 19             | 6  | 3              | 0,8               | 32               |
|                  | KR 40 PP    | 247  | KRE 40 PP                             | 262,8 | 40         | 18 | 20 | 1              | 58 | 36,5               | 8              | M 18 x 1,5 | 19             | 6  | 3              | 0,8               | 32               |
|                  | KRV 40      | 249  | KRVE 40                               | 264,8 | 40         | 18 | 20 | 1              | 58 | 36,5               | 8              | M 18 x 1,5 | 19             | 6  | 3              | 0,8               | 32               |
|                  | KRV 40 PP   | 249  | KRVE 40 PP                            | 264,8 | 40         | 18 | 20 | 1              | 58 | 36,5               | 8              | M 18 x 1,5 | 19             | 6  | 3              | 0,8               | 32               |
|                  | NUKR 40     | 242  | NUKRE 40                              | 257,8 | 40         | 18 | 20 | 1              | 58 | 36,5 <sup>4)</sup> | 8              | M 18 x 1,5 | 19             | 6  | 3              | 0,8 <sup>4)</sup> | 23 <sup>4)</sup> |

1) The suffix "X" indicates a cylindrical outside surface e.g. KR 16 X.

2) The basic load ratings C and C<sub>0</sub> apply if the bearing outer ring (with cylindrical outside surface) is mounted in a housing bore with the normal rolling bearing fit; when used as a track roller, the load ratings C<sub>w</sub> and C<sub>0w</sub> apply.

3) For oil lubrication the speed can be increased by approx. 30% except for sealed executions.

4) For NUKRE 35: B<sub>1</sub> = 31,5; C<sub>1</sub> = 1,8; d<sub>2</sub> = 24

For NUKRE 40: B<sub>1</sub> = 35,5; C<sub>1</sub> = 1,8; d<sub>2</sub> = 26

5) Lubrication hole is in the end face only at the ribbed end of the stud.