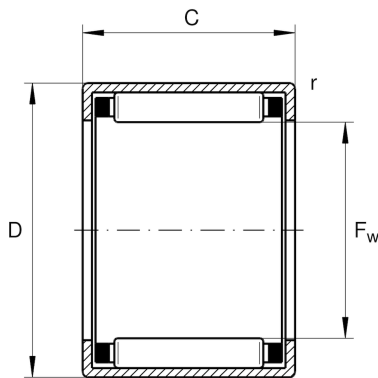
**HK1212-B-L271** [🔗](#)

Drawn cup needle roller bearing open end

Schaeffler ID:  
0000591960968Drawn cup needle roller bearings with  
open ends HK, to DIN 618/ISO 3245

## Technical information



## Main Dimensions &amp; Performance Data

|                        |              |                                       |
|------------------------|--------------|---------------------------------------|
| $F_w$                  | 12 mm        | Under roller diameter                 |
| D                      | 18 mm        | Outside diameter                      |
| C                      | 12 mm        | Width                                 |
| $C_r$                  | 6.500 N      | Basic dynamic load rating, radial     |
| $C_{0r}$               | 7.300 N      | Basic static load rating, radial      |
| $C_{ur}$               | 880 N        | Fatigue load limit, radial            |
| $n_G$                  | 20.000 1/min | Limiting speed                        |
| $n_{G \text{ Grease}}$ | 12.000 1/min | Limiting speed for grease lubrication |
| $n_{gr}$               | 15.500 1/min | Reference speed                       |
| $\approx m$            | 9,19 g       | Weight                                |

## Dimensions

|            |        |                           |
|------------|--------|---------------------------|
| $C_1$      | 12 mm  | Width, outer ring         |
| $r_{\min}$ | 0,8 mm | Minimum chamfer dimension |

## Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 140 °C | Operating temperature max. |

## Additional information

|                |                         |
|----------------|-------------------------|
| SD12X18X3      | Sealing ring            |
| G12X18X3       | Sealing ring 2          |
| LR8X12X12,5    | Suitable inner rings LR |
| IR8X12X12,5-XL | Suitable inner rings IR |