

**HK1712**

Drawn cup needle roller bearing open end

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

Technical information



Your current product variant

| | |
|------------------|---------|
| Lubricant | Without |
| Lubrication hole | Without |
| Coating | Without |
| Sealing | Without |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|---------------------------------------|
| F_w | 17 mm | Under roller diameter |
| D | 23 mm | Outside diameter |
| C | 12 mm | Width |
| C_r | 7.900 N | Basic dynamic load rating, radial |
| C_{0r} | 10.300 N | Basic static load rating, radial |
| C_{ur} | 1.260 N | Fatigue load limit, radial |
| n_G | 14.700 1/min | Limiting speed |
| n_G Grease | 8.800 1/min | Limiting speed for grease lubrication |
| n_{gr} | 11.200 1/min | Reference speed |
| $\approx m$ | 11,84 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

| | |
|-----------|----------------|
| SD17X23X3 | Sealing ring |
| G17X23X3 | Sealing ring 2 |

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope