

**HK1812** **Drawn cup needle roller bearing open end**

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

**Informacje techniczne****Twoja aktualna wersja produktu**

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

**Main Dimensions & Performance Data**

|                        |              |                                       |
|------------------------|--------------|---------------------------------------|
| $F_w$                  | 18 mm        | Under roller diameter                 |
| D                      | 24 mm        | Outside diameter                      |
| C                      | 12 mm        | Width                                 |
| $C_r$                  | 8.100 N      | Basic dynamic load rating, radial     |
| $C_{0r}$               | 10.900 N     | Basic static load rating, radial      |
| $C_{ur}$               | 1.330 N      | Fatigue load limit, radial            |
| $n_G$                  | 14.000 1/min | Limiting speed                        |
| $n_{G \text{ Grease}}$ | 8.400 1/min  | Limiting speed for grease lubrication |
| $n_{gr}$               | 10.700 1/min | Reference speed                       |
| $\approx m$            | 12,44 g      | Masa                                  |

**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

|              |                         |
|--------------|-------------------------|
| SD18X24X3    | Sealing ring            |
| G18X24X3     | Sealing ring 2          |
| LR15X18X12,5 | Suitable inner rings LR |

### Właściwości

|  |                          |
|--|--------------------------|
|  | Obciążenie promieniowe   |
|  | Smarowanie smarem        |
|  | Smarowanie olejem        |
|  | Bez uszczelnienia        |
|  | Mala przestrzeń zabudowy |