

**HK3012**

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 | 30 mm | Under roller diameter |
| D | 37 mm | Outside diameter |
| C | 12 mm | Width |
| C_r | 12.100 N | Basic dynamic load rating, radial |
| C_{0r} | 18.200 N | Basic static load rating, radial |
| C_{ur} | 2.440 N | Fatigue load limit, radial |
| n_G | 8.600 1/min | Limiting speed |
| n_G Grease | 5.200 1/min | Limiting speed for grease lubrication |
| n_{gr} | 6.600 1/min | Reference speed |
| $\approx m$ | 22,412 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

| | |
|--------------|-------------------------|
| SD30X37X4 | Sealing ring |
| G30X37X4 | Sealing ring 2 |
| LR25X30X12,5 | Suitable inner rings LR |

Characteristics

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