

**HK4020-RR**

Drawn cup needle roller bearing open end

Drawn cup needle roller bearing open end
HK...RR, single row, with cage

Technical information

**Your current product variant**

| | | |
|------------------|---------|--|
| Lubricant | Without | |
| Lubrication hole | Without | |
| Coating | RR | Protected against corrosion by Corrotect special coating |
| Sealing | Without | |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|---------------------------------------|
| F_w | 40 mm | Under roller diameter |
| D | 47 mm | Outside diameter |
| C | 20 mm | Width |
| C_r | 25.500 N | Basic dynamic load rating, radial |
| C_{0r} | 52.000 N | Basic static load rating, radial |
| C_{ur} | 6.900 N | Fatigue load limit, radial |
| n_G | 6.600 1/min | Limiting speed |
| n_G Grease | 3.950 1/min | Limiting speed for grease lubrication |
| n_{gr} | 4.900 1/min | Reference speed |
| $\approx m$ | 50 g | Weight |

Dimensions

| | | |
|-----------|--------|---------------------------|
| C_1 | 20 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

| | |
|-----------------|-------------------------|
| SD40X47X4 | Sealing ring |
| G40X47X4 | Sealing ring 2 |
| LR35X40X20,5 | Suitable inner rings LR |
| IR35X40X20,5-XL | Suitable inner rings IR |