

**HN4020**

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HN, full complement needle roller set

Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|-------------|---------------------------------------|
| F_w | 40 mm | Under roller diameter |
| D | 47 mm | Outside diameter |
| C | 20 mm | Width, outer ring |
| C_r | 36.000 N | Basic dynamic load rating, radial |
| C_{0r} | 95.000 N | Basic static load rating, radial |
| C_{ur} | 12.900 N | Fatigue load limit, radial |
| n_G Grease | 2.800 1/min | Limiting speed for grease lubrication |
| n_{gr} | 3.750 1/min | Reference speed |
| $\approx m$ | 61 g | Weight |

Dimensions

| | | |
|-----------|--------|---------------------------|
| 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

| | |
|---------------|-------------------------|
| IR32X40X20-XL | Suitable inner rings IR |
| LR35X40X20,5 | Suitable inner rings LR |



Characteristics

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