

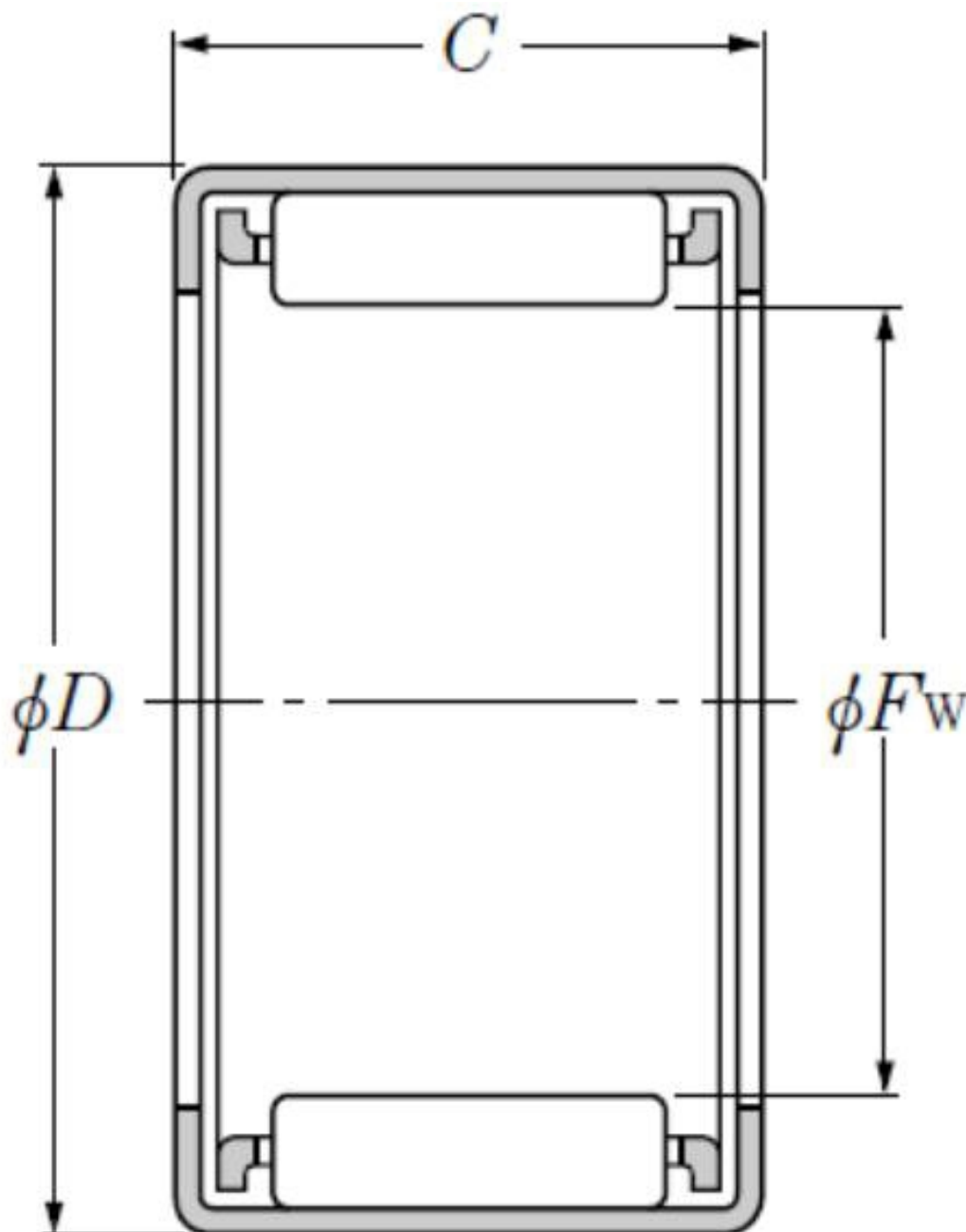
## Technical datasheet

### HMK2030

Drawn cup needle roller bearings, opened end

Needle roller bearing, drawn cup, open end, heavy load

#### Visual(s)



| Product definition                    |              |
|---------------------------------------|--------------|
| <b>Fw</b>                             | 20 mm        |
| <b>D</b>                              | 27 mm        |
| <b>C</b>                              | 30 mm        |
| <b>Dw</b>                             | 2.5 mm       |
| <b>Lw</b>                             | 25.8 mm      |
| <b>Lubrication hole on outer ring</b> | Non/No       |
| <b>Inner ring reference</b>           | IR17X20X30.5 |
| <b>Mass</b>                           | 0.04 kg      |

| Product performance                                  |            |
|------------------------------------------------------|------------|
| <b>Cr</b>                                            | 26.1 kN    |
| <b>C0r</b>                                           | 42 kN      |
| <b>Nlim (grease)</b>                                 | 8,000 rpm  |
| <b>Nlim (oil)</b>                                    | 12,000 rpm |
| <b>Min operating temperature, Tmin</b>               | -20 °C     |
| <b>Max operating temperature, Tmax</b>               | 120 °C     |
| <b>Characteristic cage frequency, FTF</b>            | 0.44 Hz    |
| <b>Characteristic rolling element frequency, BSF</b> | 8.89 Hz    |
| <b>Characteristic outer ring frequency, BPF0</b>     | 7.56 Hz    |
| <b>Characteristic inner ring frequency, BPFI</b>     | 9.44 Hz    |