

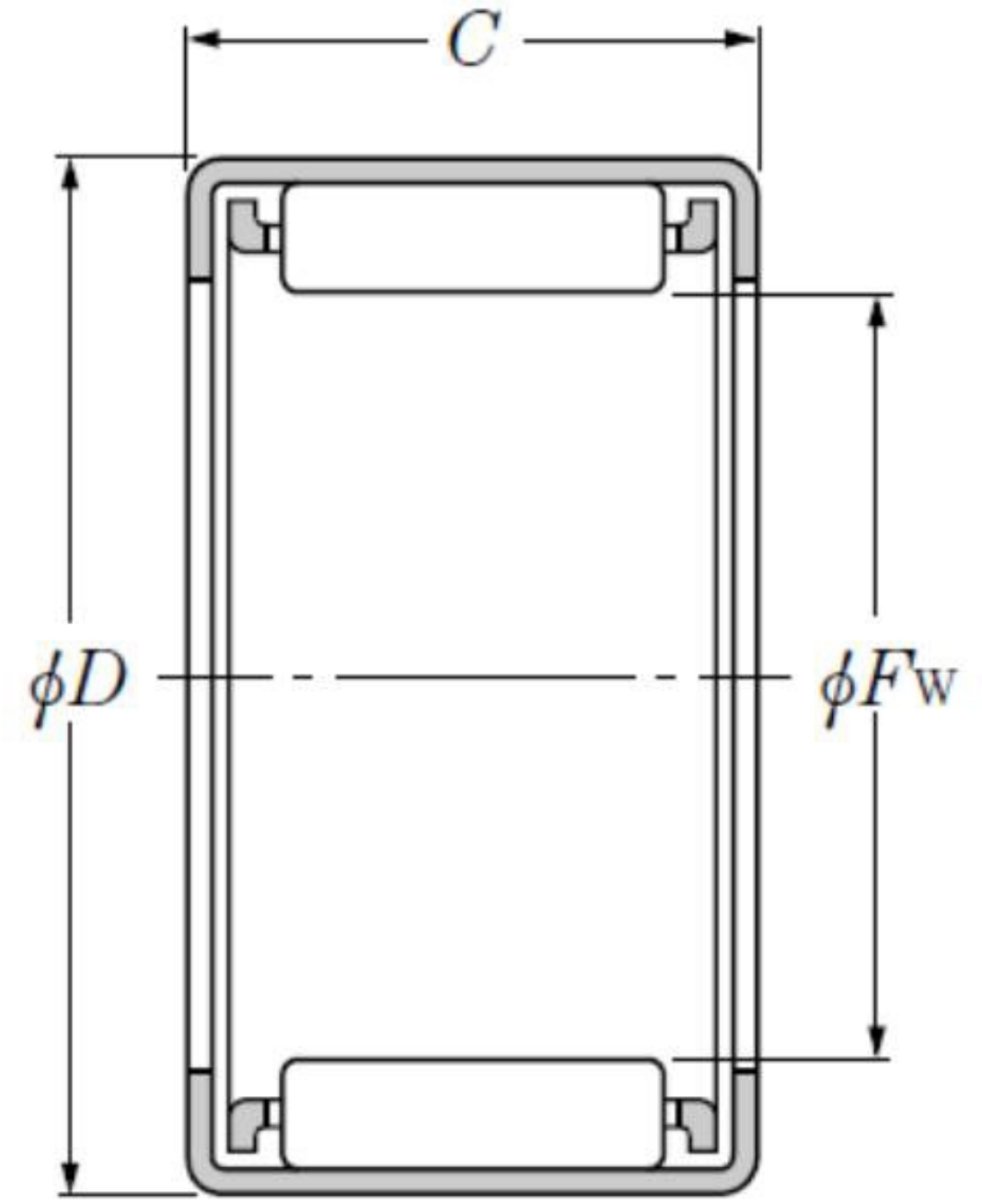
## Technical data

# HMK2830

Drawn cup needle roller bearings, opened end

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

## Visual(s)



## Product definition

| | |
|---|---|
| **Fw** | 28 mm |
| **D** | 37 mm |
| **C** | 30 mm |
| **Dw** | 3.5 mm |
| **Lw** | 25.4 mm |
| **Lubrication hole on outer ring** | Non/No |
| **Inner ring reference** | No |
| **Mass** | 0.07 kg |

## Product performance

| | |
|---|---|
| **Cr** | 35 kN |
| **C0r** | 54.5 kN |
| **Nlim (grease)** | 5,500 Tr/min |
| **Nlim (oil)** | 8,500 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.44 Hz |
| **Characteristic rolling element frequency, BSF** | 8.89 Hz |
| **Characteristic outer ring frequency, BPF0** | 7.11 Hz |
| **Characteristic inner ring frequency, BPFI** | 8.89 Hz |