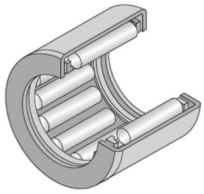
Technical datasheet

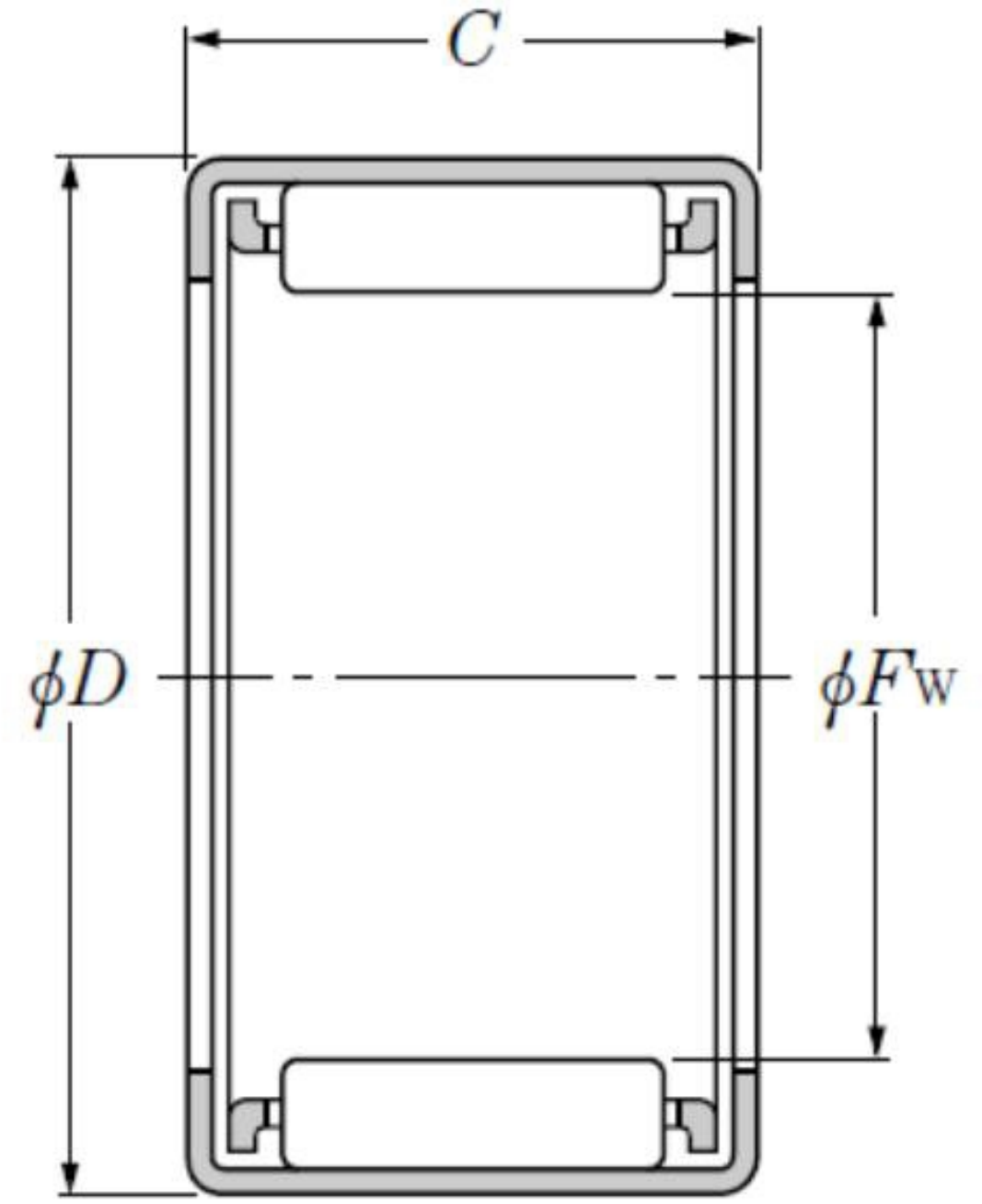
8Q-HMK2830/8A

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 rpm
Nlim (oil)	8,500 rpm
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