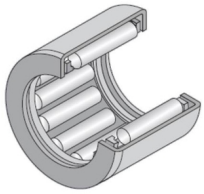
Technical datasheet

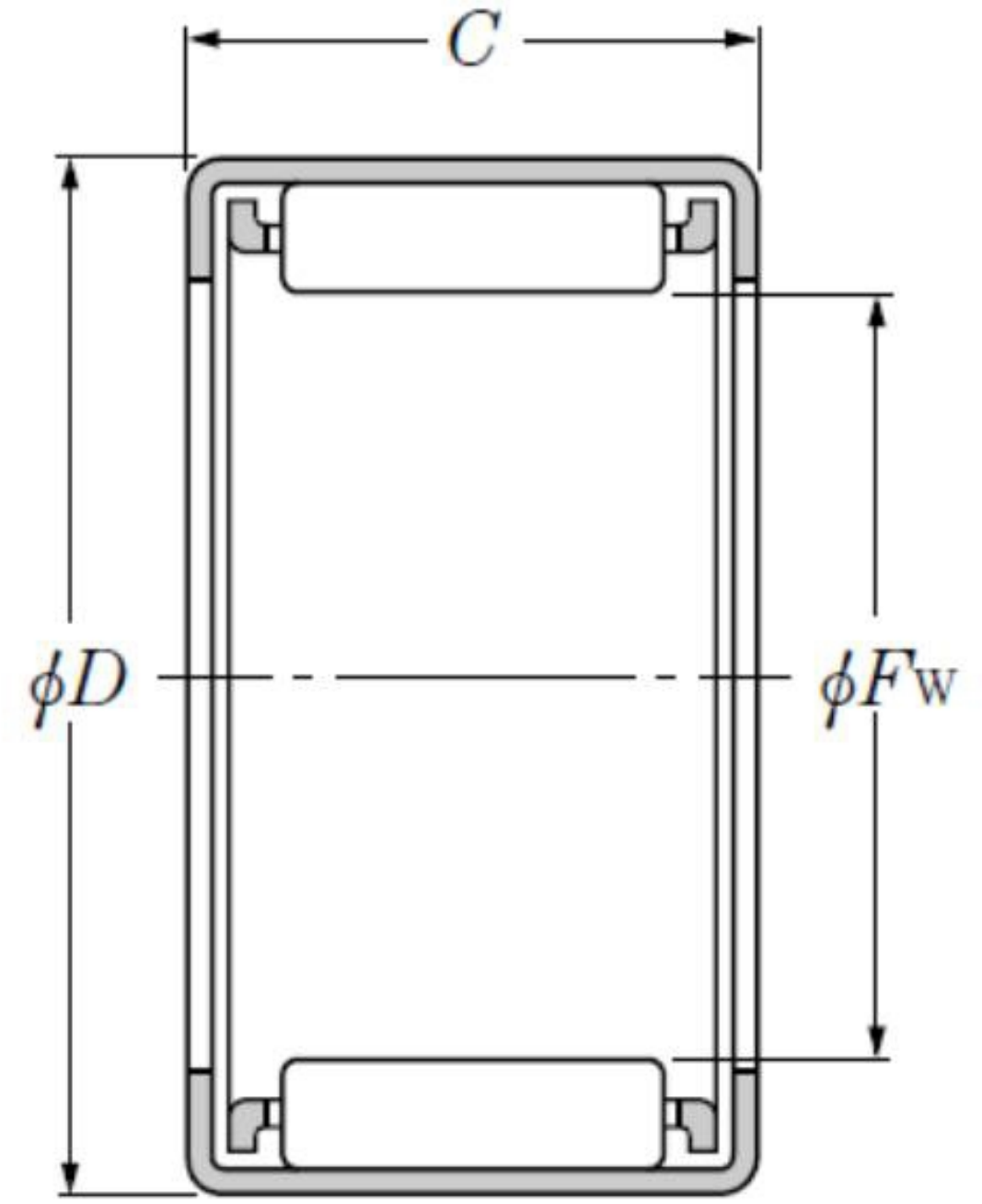
HMK3830

Drawn cup needle roller bearings, opened end



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

Visual(s)



Product definition

Fw	38 mm
D	48 mm
C	30 mm
Dw	4 mm
Lw	24.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR32X38X32
Mass	0.11 kg

Product performance

Cr	46 kN
C0r	77 kN
Nlim (grease)	4,300 rpm
Nlim (oil)	6,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.4 Hz
Characteristic outer ring frequency, BPF0	9.05 Hz
Characteristic inner ring frequency, BPFI	10.95 Hz