

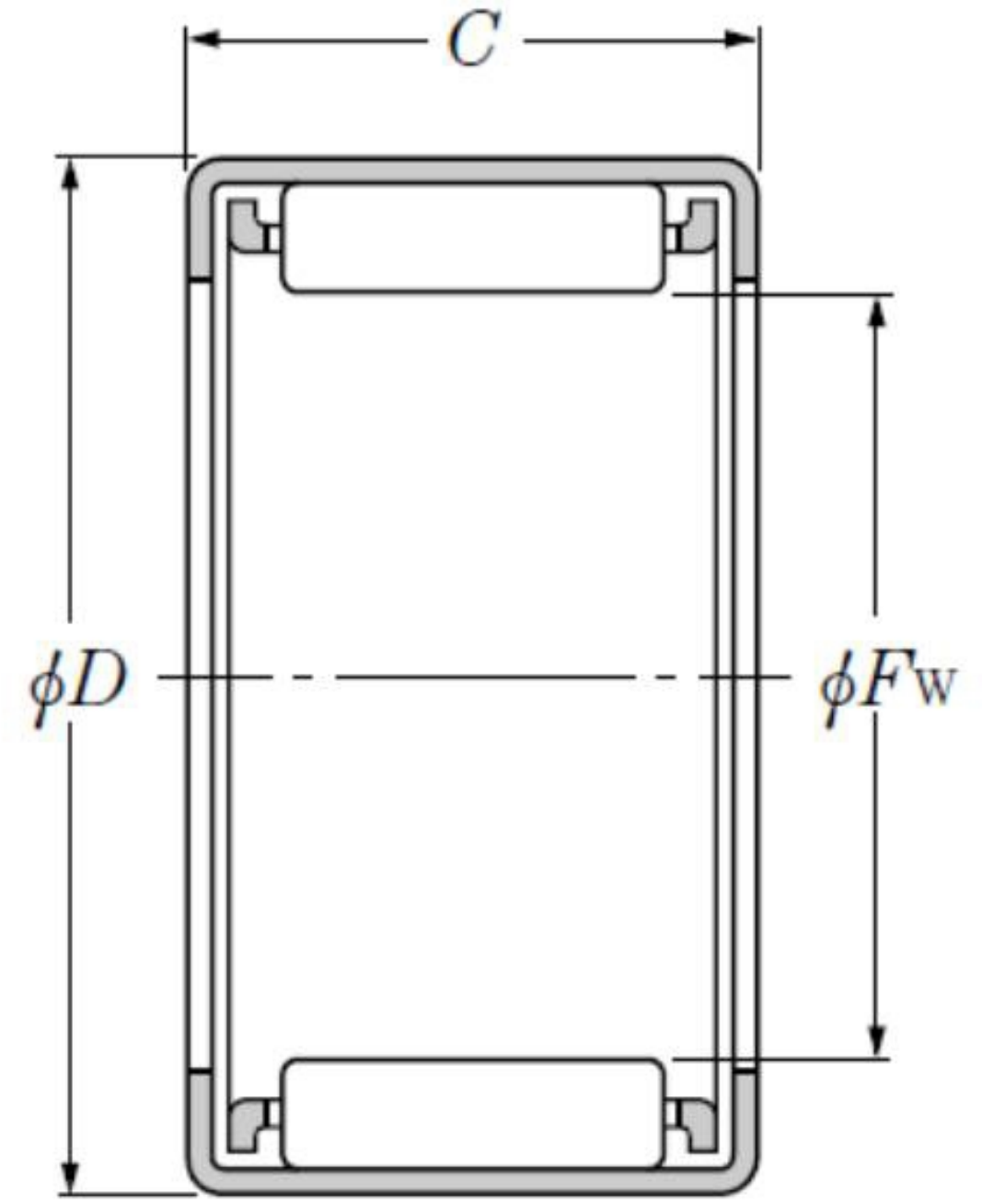
Technical data

HMK3512

Drawn cup needle roller bearings, opened end

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

Visual(s)



Product definition

Fw	35 mm
D	45 mm
C	12 mm
Dw	4 mm
Lw	6.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	No
Mass	0.04 kg

Product performance

Cr	14.9 kN
C0r	17.6 kN
Nlim (grease)	4,700 Tr/min
Nlim (oil)	7,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.65 Hz
Characteristic outer ring frequency, BPF0	8.08 Hz
Characteristic inner ring frequency, BPFI	9.92 Hz