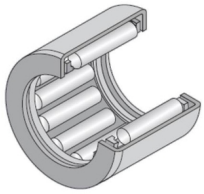
Technical datasheet

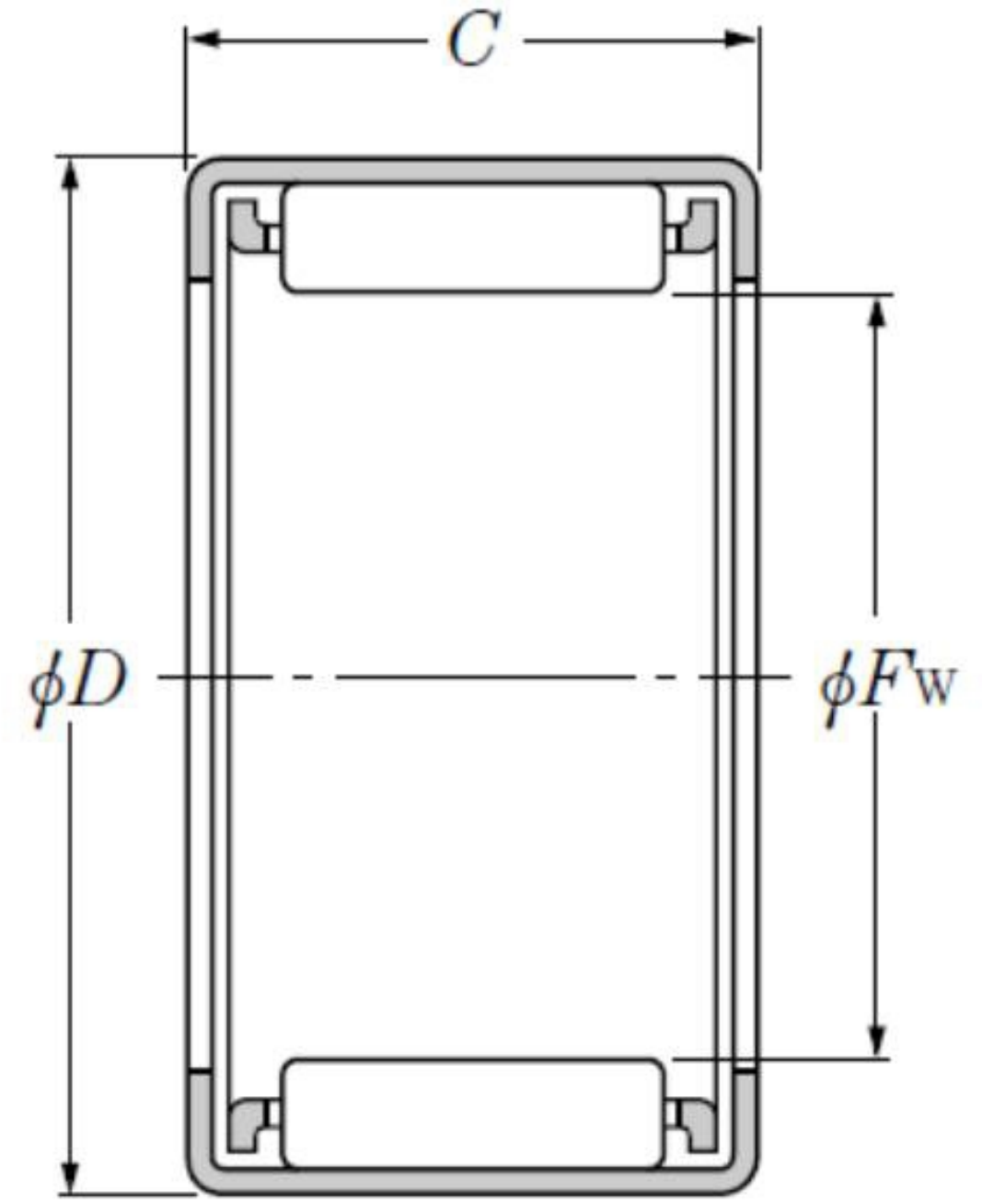
HK4520D

Drawn cup needle roller bearings, opened end



Needle roller bearing, drawn cup, open end

Visual(s)



Product definition

Fw	45 mm
D	52 mm
C	20 mm
Dw	2.5 mm
Lw	15.3 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	IR40X45X20.5
Mass	0.06 kg

Product performance

Cr	27.6 kN
C0r	59 kN
Nlim (grease)	3,700 rpm
Nlim (oil)	5,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	18.95 Hz
Characteristic outer ring frequency, BPF0	18 Hz
Characteristic inner ring frequency, BPFI	20 Hz