



Technical data

HK4012

Drawn cup needle roller bearings, opened end

Needle roller bearing, drawn cup, open end

Visual(s)



Product definition	
Fw	38 mm
D	47 mm
C	12 mm
Dw	2.5 mm
Lw	7.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR35X40X12.5
Mass	0.03 kg

Product performance	
Cr	15.1 kN
C0r	26 kN
Nlim (grease)	4,000 Tr/min
Nlim (oil)	6,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.14 Hz
Characteristic outer ring frequency, BPF0	15.95 Hz
Characteristic inner ring frequency, BPFI	18.05 Hz