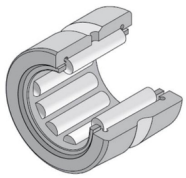
Technical data

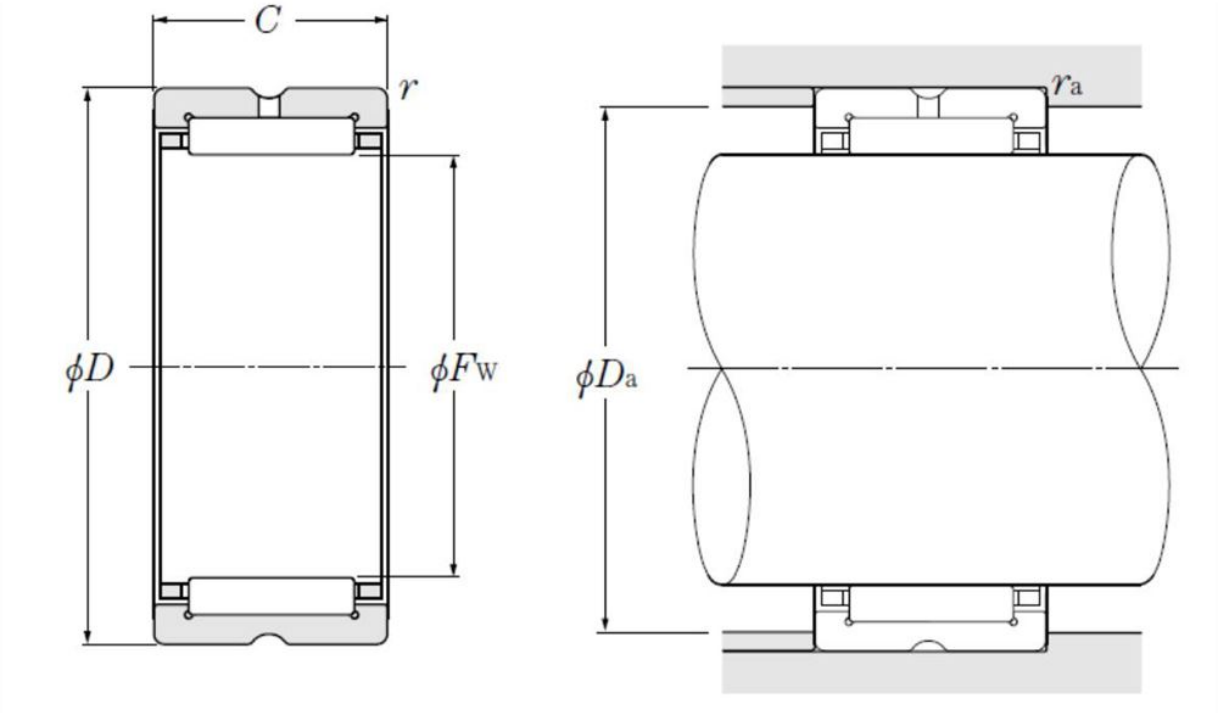
MR223020

Needle roller bearing, machined-ring, without inner ring



Needle roller bearing, machined-ring, without inner ring, double-side ribs, lubrication hole, inch dimensions

Visual(s)



Product definition

Fw	34.92 mm
D	47.62 mm
C	31.75 mm
rs min	1 mm
Dw	4 mm
Lw	25.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Radial clearance class	CN
Precision class	P0
Mass	0.15 kg
Brand	NTN

Product performance

Cr	46.5 kN
C0r	76.5 kN
Nlim (grease)	7,500 Tr/min
Nlim (oil)	11,000 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	9.63 Hz
Characteristic outer ring frequency, BPF0	8.97 Hz
Characteristic inner ring frequency, BPFI	11.03 Hz

Abutment dimensions

Da max	42.5 mm
ras max	1 mm