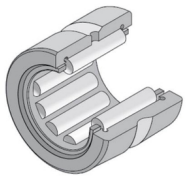
Technical datasheet

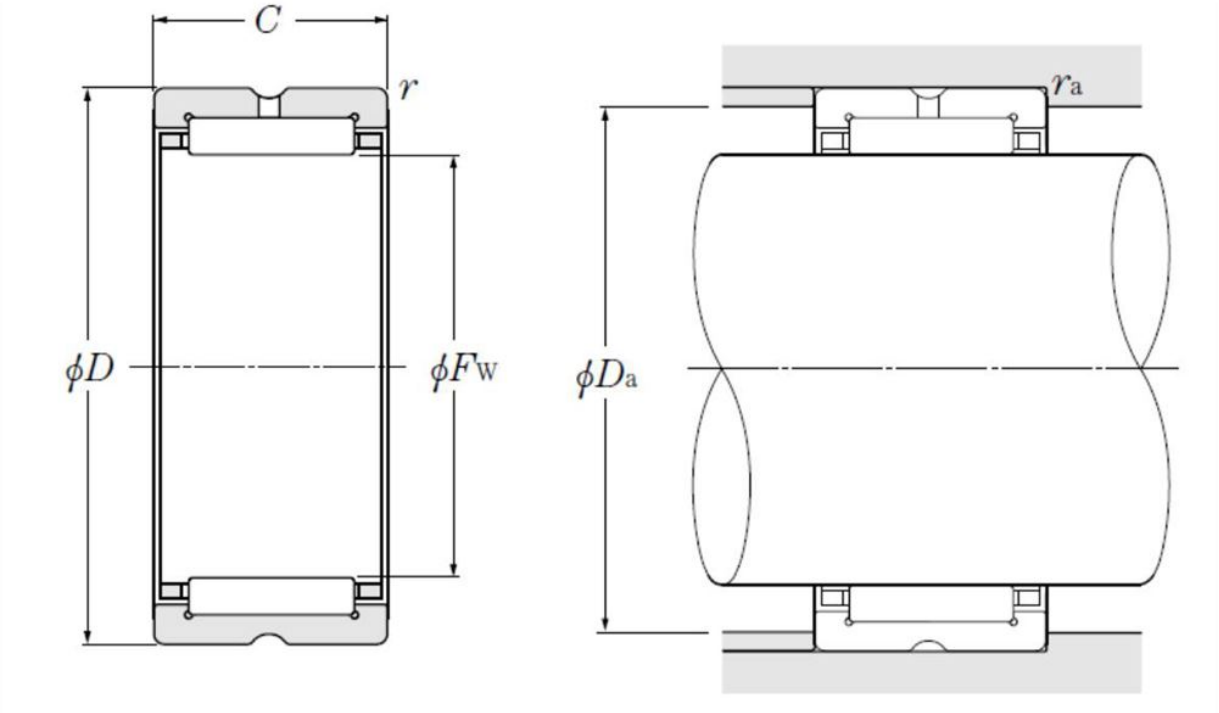
RNA4940

Needle roller bearing, machined-ring, without inner ring



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

Visual(s)



Product definition

Fw	225 mm
D	280 mm
C	80 mm
rs min	2.1 mm
Dw	15 mm
Lw	66 mm
Lubrication hole on outer ring	Oui/Yes
k	4 mm
Radial clearance class	CN
Precision class	P0
Mass	7.2 kg
Brand	NTN

Product performance

Cr	505 kN
C0r	1,180 kN
Nlim (grease)	1,200 rpm
Nlim (oil)	1,800 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	15.94 Hz
Characteristic outer ring frequency, BPF0	14.06 Hz
Characteristic inner ring frequency, BPFI	15.94 Hz

Abutment dimensions

Da max	269 mm
ras max	2 mm