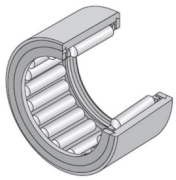
Technical data

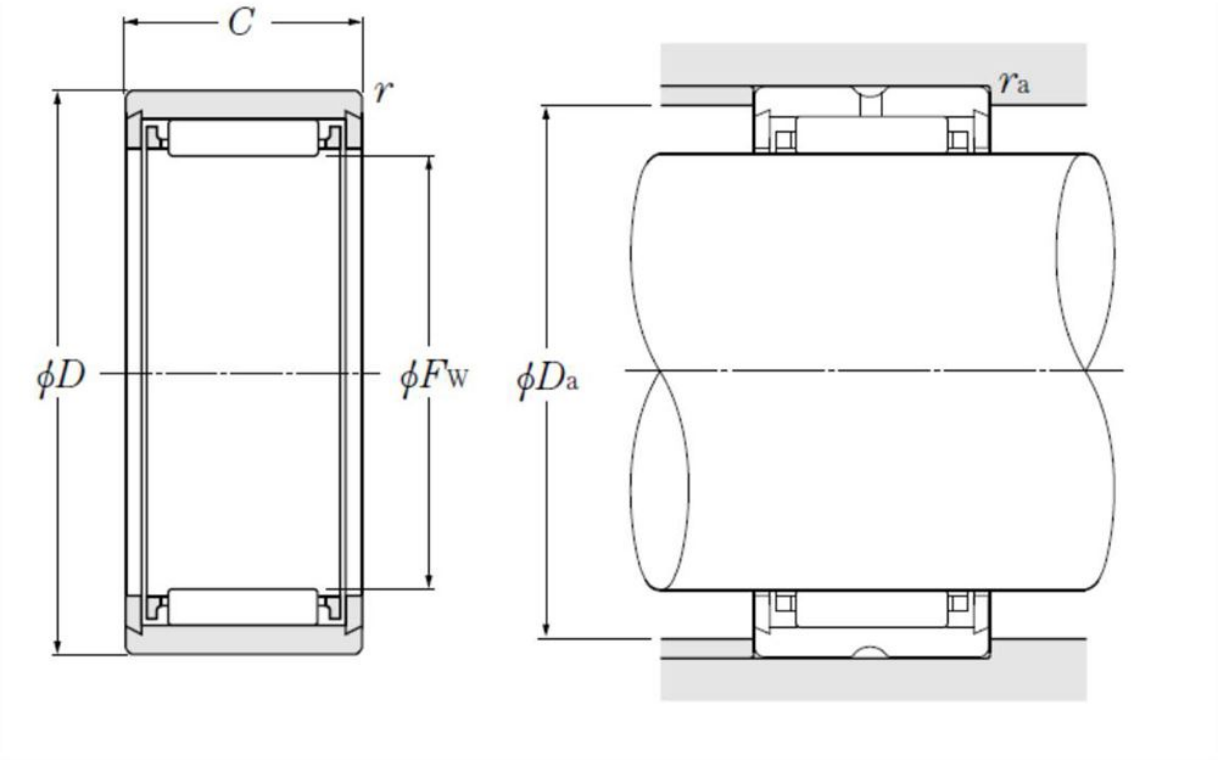
NKS37

Needle roller bearing, machined-ring, without inner ring



Needle roller bearing, machined-ring, without inner ring, double-side ribs, heavy load

Visual(s)



Product definition

Fw	37 mm
D	52 mm
C	22 mm
rs min	0.6 mm
Dw	3.5 mm
Lw	13.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.12 kg
Brand	NTN

Product performance

Cr	26.3 kN
C0r	41 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	0.46 Hz
Characteristic rolling element frequency, BSF	11.48 Hz
Characteristic outer ring frequency, BPF0	10.05 Hz
Characteristic inner ring frequency, BPFI	11.95 Hz

Abutment dimensions

Da max	40.5 mm
ras max	0.6 mm