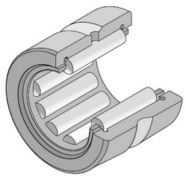
Technical data

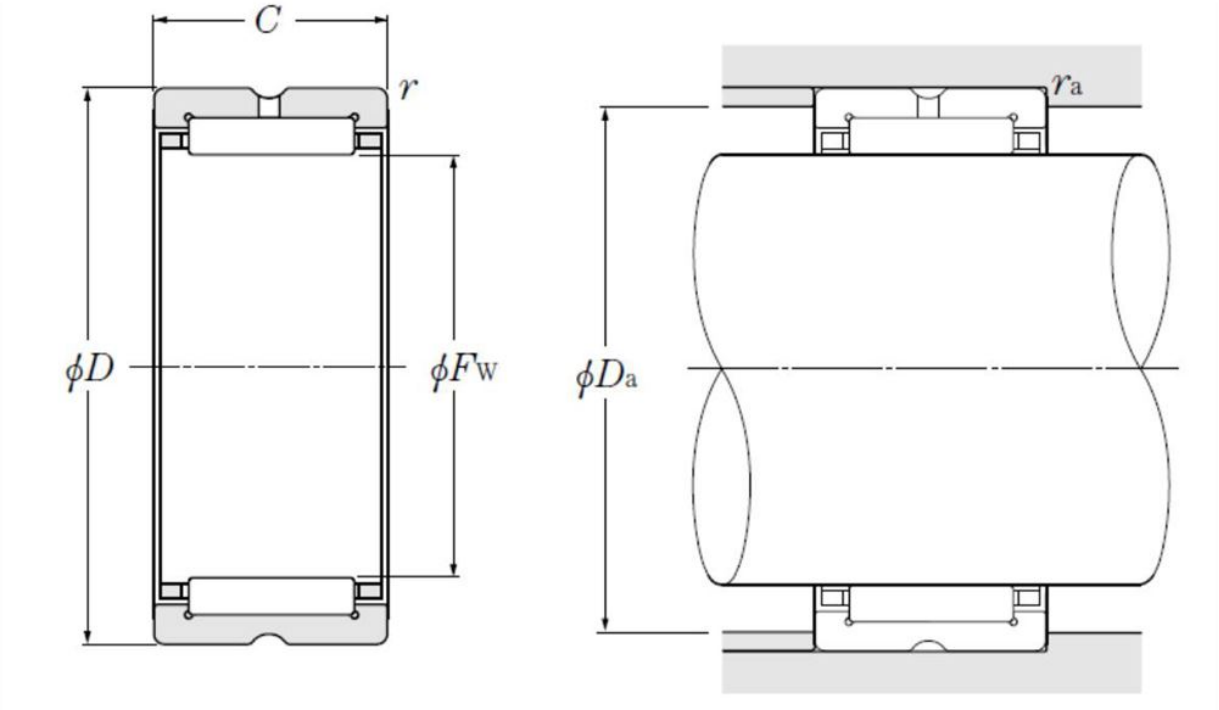
NKS25R

Needle roller bearing, machined-ring, without inner ring



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

Visual(s)



Product definition

Fw	25 mm
D	38 mm
C	20 mm
rs min	0.6 mm
Dw	4.5 mm
Lw	15.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.07 kg
Brand	NTN

Product performance

Cr	18.3 kN
C0r	25.3 kN
Nlim (grease)	11,000 Tr/min
Nlim (oil)	16,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.4 Hz
Characteristic outer ring frequency, BPF0	5.93 Hz
Characteristic inner ring frequency, BPFI	8.07 Hz

Abutment dimensions

Da max	28 mm
ras max	0.6 mm