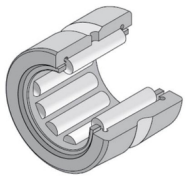
Technical data

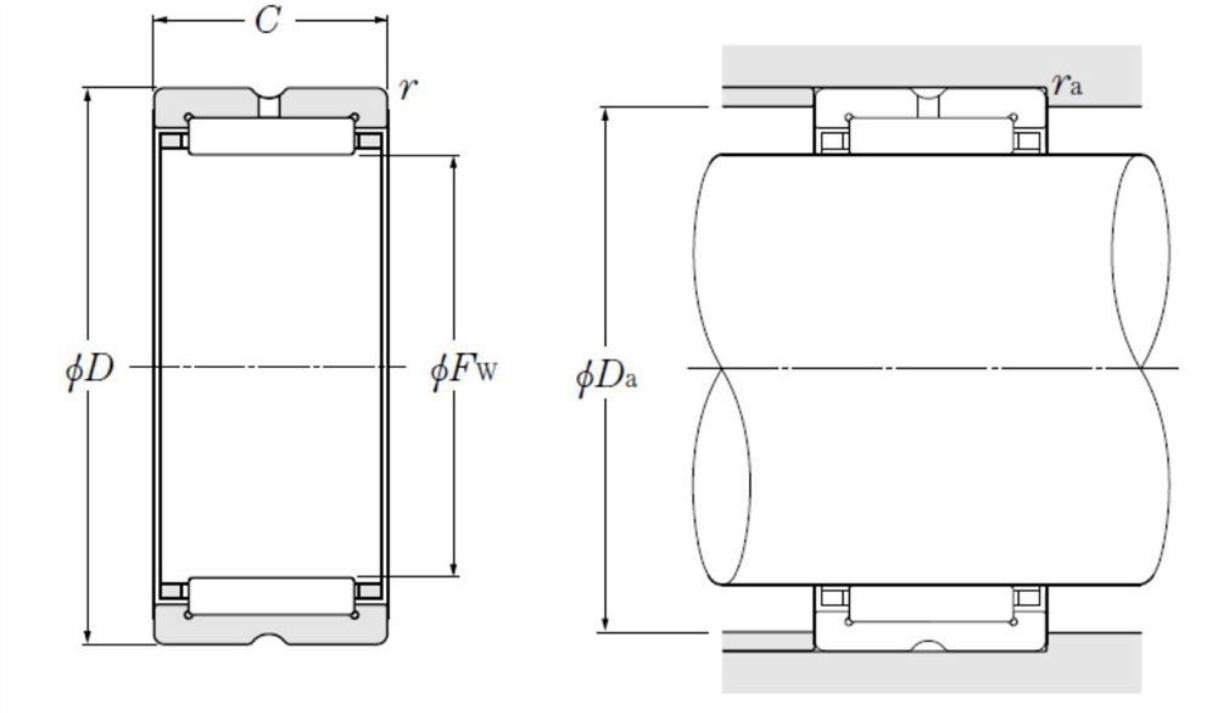
NK90/25R

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	90 mm
D	110 mm
C	25 mm
rs min	1 mm
Dw	6.5 mm
Lw	18 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.43 kg
Brand	NTN

Product performance

Cr	71.5 kN
C0r	128 kN
Nlim (grease)	2,900 Tr/min
Nlim (oil)	4,400 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	14.78 Hz
Characteristic outer ring frequency, BPF0	13.99 Hz
Characteristic inner ring frequency, BPFI	16.01 Hz

Abutment dimensions

Da max	105 mm
ras max	1 mm