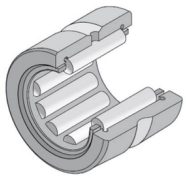
Technical datasheet

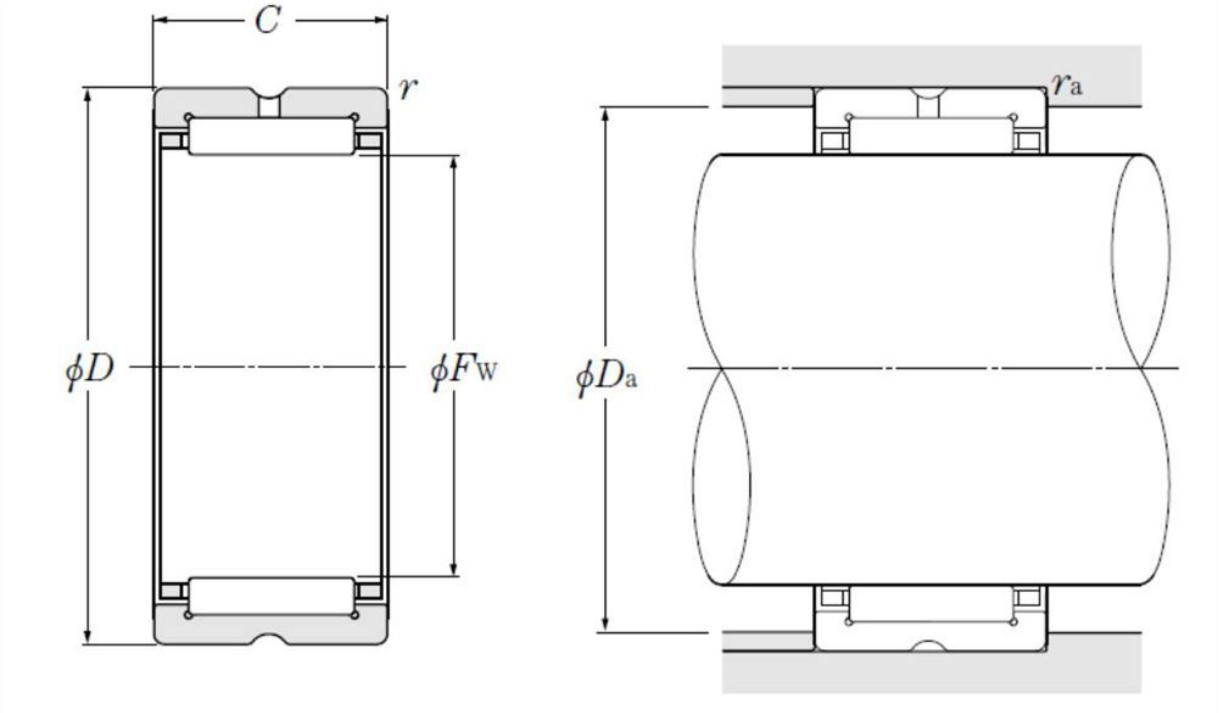
NKS115

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	115 mm
D	135 mm
C	32 mm
rs min	1.1 mm
Dw	6 mm
Lw	24 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.7 kg
Brand	NTN

Product performance

Cr	90.5 kN
C0r	199 kN
Nlim (grease)	2,300 rpm
Nlim (oil)	3,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.48 Hz
Characteristic rolling element frequency, BSF	20.12 Hz
Characteristic outer ring frequency, BPF0	17.11 Hz
Characteristic inner ring frequency, BPFI	18.89 Hz

Abutment dimensions

Da max	128.5 mm
ras max	1.1 mm