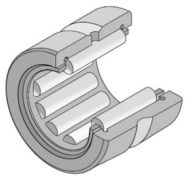
Technical data

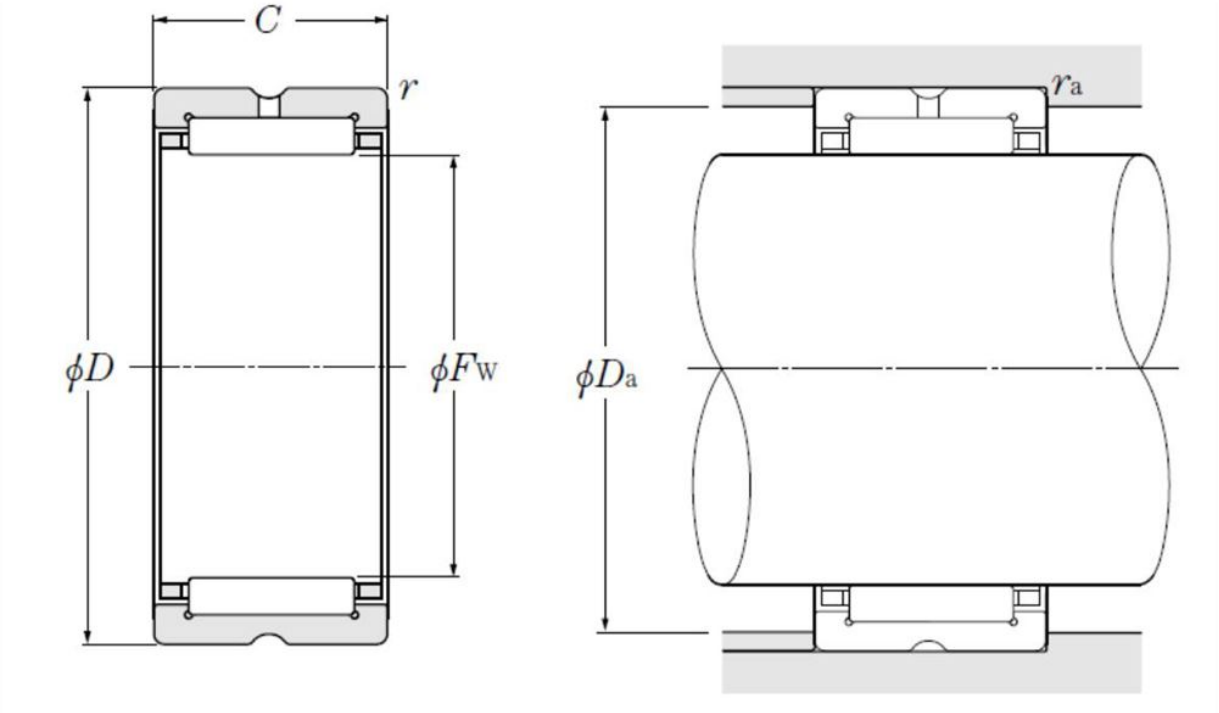
NKS28R

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	28 mm
D	42 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	0.08 kg
Brand	NTN

Product performance

Cr	29.1 kN
C0r	36.5 kN
Nlim (grease)	9,500 Tr/min
Nlim (oil)	14,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.08 Hz
Characteristic outer ring frequency, BPF0	6.46 Hz
Characteristic inner ring frequency, BPFI	8.54 Hz

Abutment dimensions

Da max	31 mm
ras max	0.6 mm