

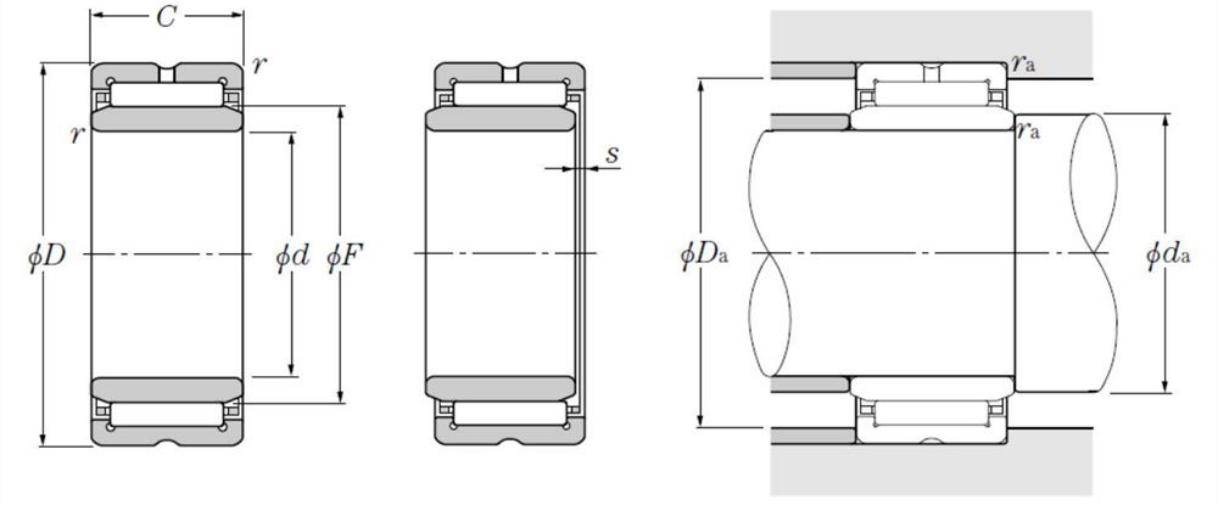
Technical data

NK50/25RCT+1R45X50X25

Needle roller bearing, machined-ring, with inner ring

Needle roller bearing, machined-rings, with inner ring, double-side ribs, lubrication hole

Visual(s)



Product definition

d	45 mm
D	62 mm
C	25 mm
F	50 mm
rs min	0.6 mm
s max	1.5 mm
Dw	3.5 mm
Lw	18.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R45X50X25
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.23 kg
Brand	NTN

Product performance

Cr	38.5 kN
C0r	74.5 kN
Nlim (grease)	5,500 Tr/min
Nlim (oil)	8,000 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	15.22 Hz
Characteristic outer ring frequency, BPF0	14.02 Hz
Characteristic inner ring frequency, BPFI	15.98 Hz

Abutment dimensions

da min	48 mm
Da max	58 mm
ras max	0.6 mm