

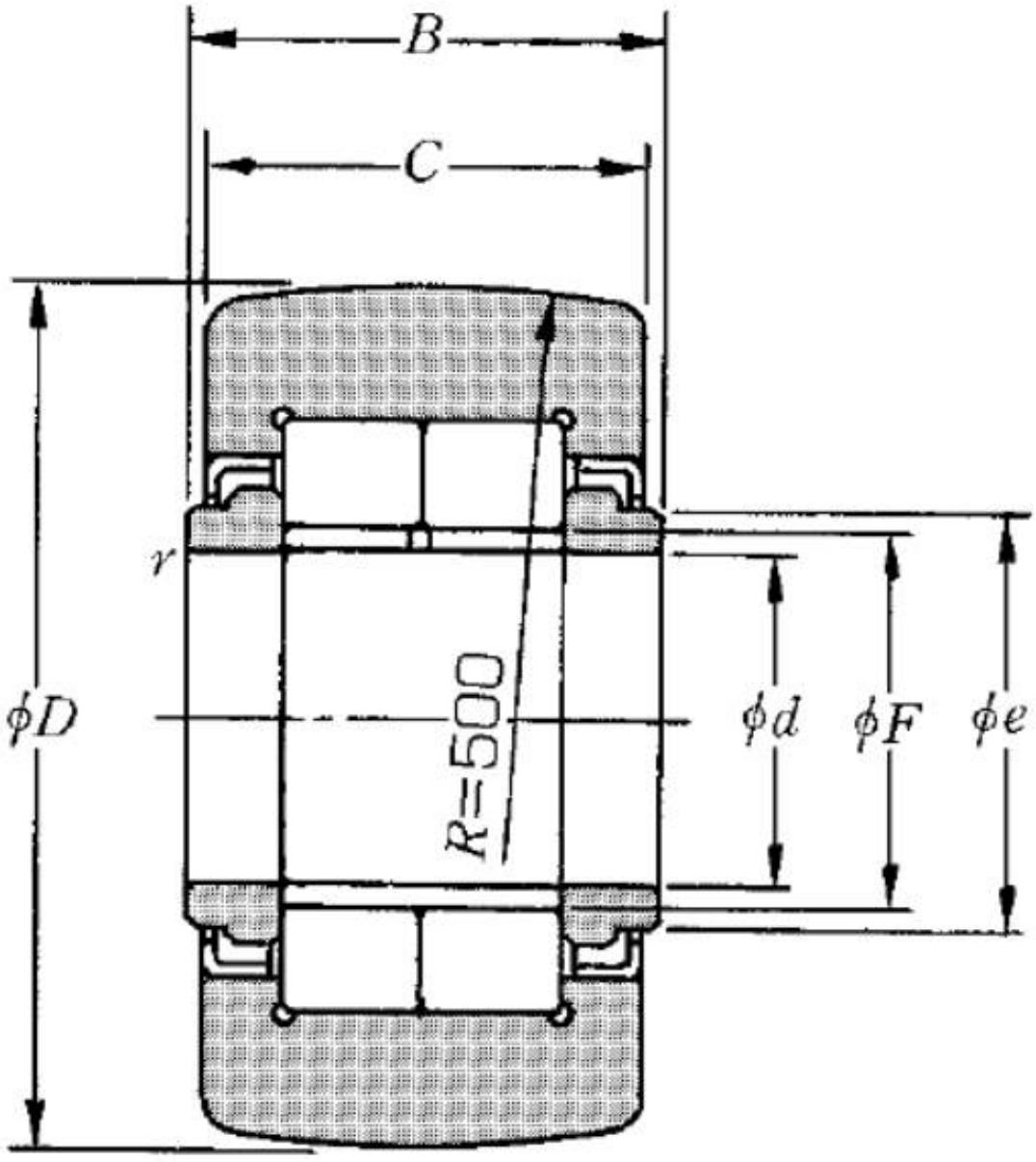
Technical data

NUTR309X/3AS

Roller follower with inner ring

Needle roller bearing, roller follower, full-complement cylindrical roller, with inner ring, double-side shields, cylindrical outer ring

Visual(s)



Product definition

d	45 mm
D	100 mm
C	30 mm
F	52.5 mm
B	32 mm
e	55 mm
Dw	7.5 mm
Lw	11 mm
rs min	0.6 mm
Bearing with/without cage	Sans
Radial clearance class	CN
Precision class	P0
Mass	1.4 kg
Brand	NTN

Product performance

Cr	92 kN
C0r	137 kN
Track load capacity cylindrical outer ring	55.5 kN
Nlim (grease)	1,900 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.88 Hz
Characteristic outer ring frequency, BPF0	10.94 Hz
Characteristic inner ring frequency, BPFI	14.06 Hz