Technical data

NKS65

Needle roller bearing, machined-ring, without inner ring

Needle roller bearing, machined-ring, without inner ring, single-side rib, single-side plate, heavy load

Product definition

Fw	65 mm
D	85 mm
C	28 mm
rs min	1.1 mm
Dw	6.5 mm
Lw	20 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.36 kg
Brand	NTN

Product performance

Cr	47 kN
C0r	94 kN
Nlim (grease)	4,000 Tr/min
Nlim (oil)	6,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.91 Hz
Characteristic outer ring frequency, BPF0	10.46 Hz
Characteristic inner ring frequency, BPFI	12.54 Hz

Abutment dimensions

Da max	69 mm
ras max	1.1 mm