

PDF technical sheet NU1010G1



Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

Product definition	
d	1.9685 "
D	3.1496 "
B	0.6299 "
E	2.8543 "
F	2.2638 "
rs min	0.0394 "
r1s min	0.0236 "
Radial clearance class	CN
Mass (without HJ ring)	1.01 oz
Brand	NTN



Product performance	
Dynamic load, C	32 kN
Static load, C0	36 kN
Fatigue limit load, Cu	4.40 kN
Nlim (oil)	11,000 RPM
Nlim (grease)	8,900 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	2.1260 "
da max	2.2441 "
db min	2.3228 "
Da max	2.9528 "
ra max	0.0394 "
r1a max	0.0236 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$