

PDF technical sheet NU1022G1C3



Single row cylindrical roller bearings

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

Product definition	
d	4.3307 "
D	6.6929 "
B	1.1024 "
E	6.1024 "
F	4.9213 "
rs min	0.0787 "
r1s min	0.0433 "
Radial clearance class	C3
Mass (without HJ ring)	8.06 oz
Brand	NTN



Product performance	
Dynamic load, C	131 kN
Static load, C0	174 kN
Fatigue limit load, Cu	19.20 kN
Nlim (oil)	4,800 RPM
Nlim (grease)	4,100 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	4.5866 "
da max	4.8819 "
db min	5.0394 "
Da max	6.3386 "
ra max	0.0787 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$