

PDF technical sheet NJ1005G1



Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

Product definition	
d	0.9843 "
D	1.8504 "
B	0.4724 "
E	1.6339 "
F	1.2008 "
d1	1.2874 "
rs min	0.0236 "
r1s min	0.0118 "
Radial clearance class	CN
Mass (without HJ ring)	0.32 oz
Brand	NTN



Product performance	
Dynamic load, C	15.10 kN
Static load, C0	14.10 kN
Fatigue limit load, Cu	1.72 kN
Nlim (oil)	19,000 RPM
Nlim (grease)	16,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	1.1417 "
da max	1.1811 "
dc min	1.2992 "
Da max	1.6929 "
ra max	0.0236 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$