

PDF technical sheet NU1021C3



Single row cylindrical roller bearings

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

Product definition	
d	4.1339 "
D	6.2992 "
B	1.0236 "
E	5.7283 "
F	4.7047 "
rs min	0.0787 "
r1s min	0.0433 "
Radial clearance class	C3
Mass (without HJ ring)	6.49 oz
Brand	NTN



Product performance	
Dynamic load, C	105 kN
Static load, C0	142 kN
Fatigue limit load, Cu	15.90 kN
Nlim (oil)	5,100 RPM
Nlim (grease)	4,300 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	4.3898 "
da max	4.6457 "
db min	4.8031 "
Da max	5.9449 "
ra max	0.0787 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$