

PDF technical sheet NU211C3



Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

Product definition	
d	2.1654 "
D	3.9370 "
B	0.8268 "
E	3.4843 "
F	2.6181 "
rs min	0.0591 "
r1s min	0.0433 "
Radial clearance class	C3
Mass (without HJ ring)	2.25 oz
Brand	NTN



Product performance	
Dynamic load, C	58 kN
Static load, C0	62.50 kN
Fatigue limit load, Cu	7.60 kN
Nlim (oil)	8,200 RPM
Nlim (grease)	6,900 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	2.4213 "
da max	2.5591 "
db min	2.6772 "
Da max	3.6220 "
ra max	0.0591 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$