

PDF technical sheet NJ213C3



Single row cylindrical roller bearings

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

Product definition	
d	2.5591 "
D	4.7244 "
B	0.9055 "
E	4.1575 "
F	3.1339 "
d1	3.3386 "
rs min	0.0591 "
r1s min	0.0591 "
Radial clearance class	C3
Mass (without HJ ring)	3.82 oz
Brand	NTN



Product performance	
Dynamic load, C	84 kN
Static load, C0	94.50 kN
Fatigue limit load, Cu	11.50 kN
Nlim (oil)	7,000 RPM
Nlim (grease)	5,900 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	2.8740 "
da max	3.0315 "
dc min	3.4252 "
Da max	4.4094 "
ra max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$