

PDF technical sheet NU308C3



Single row cylindrical roller bearings

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

Product definition	
d	1.5748 "
D	3.5433 "
B	0.9055 "
E	3.0512 "
F	2.1063 "
rs min	0.0591 "
r1s min	0.0591 "
Radial clearance class	C3
Mass (without HJ ring)	2.36 oz
Brand	NTN



Product performance	
Dynamic load, C	58.50 kN
Static load, C0	57 kN
Fatigue limit load, Cu	7 kN
Nlim (oil)	9,400 RPM
Nlim (grease)	8,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	1.8898 "
da max	2.0079 "
db min	2.1654 "
Da max	3.2283 "
ra max	0.0591 "
r1a max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$