

PDF technical sheet NU2218C3



Single row cylindrical roller bearings

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

Product definition	
d	3.5433 "
D	6.2992 "
B	1.5748 "
E	5.6299 "
F	4.2126 "
rs min	0.0787 "
r1s min	0.0787 "
Radial clearance class	C3
Mass (without HJ ring)	11.32 oz
Brand	NTN



Product performance	
Dynamic load, C	197 kN
Static load, C0	248 kN
Fatigue limit load, Cu	28.30 kN
Nlim (oil)	4,600 RPM
Nlim (grease)	3,900 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	3.8976 "
da max	4.1339 "
db min	4.2913 "
Da max	5.9449 "
ra max	0.0787 "
r1a max	0.0787 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$