

PDF technical sheet NU1064C4



Single row cylindrical roller bearings

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

Product definition	
d	12.5984 "
D	18.8976 "
B	2.9134 "
E	17.3228 "
F	14.1732 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C4
Mass (without HJ ring)	201.06 oz
Brand	NTN



Product performance	
Dynamic load, C	875 kN
Static load, C0	1,410 kN
Fatigue limit load, Cu	113 kN
Nlim (oil)	1,500 RPM
Nlim (grease)	1,300 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	13.2283 "
da max	14.0157 "
db min	14.3307 "
Da max	18.2677 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$