

PDF technical sheet NU1076C4



Single row cylindrical roller bearings

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

Product definition	
d	14.9606 "
D	22.0472 "
B	3.2283 "
E	20.2756 "
F	16.7323 "
rs min	0.1969 "
r1s min	0.1969 "
Radial clearance class	C4
Mass (without HJ ring)	310.41 oz
Brand	NTN



Product performance	
Dynamic load, C	1,100 kN
Static load, C0	1,840 kN
Fatigue limit load, Cu	141 kN
Nlim (oil)	1,200 RPM
Nlim (grease)	1,100 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	15.7480 "
da max	16.5748 "
db min	16.9291 "
Da max	21.2598 "
ra max	0.1575 "
r1a max	0.1575 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$