

PDF technical sheet NU1020G1



Single row cylindrical roller bearings

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

Product definition	
d	3.9370 "
D	5.9055 "
B	0.9449 "
E	5.3937 "
F	4.4488 "
rs min	0.0591 "
r1s min	0.0433 "
Radial clearance class	CN
Mass (without HJ ring)	5.17 oz
Brand	NTN



Product performance	
Dynamic load, C	93 kN
Static load, C0	126 kN
Fatigue limit load, Cu	14.40 kN
Nlim (oil)	5,400 RPM
Nlim (grease)	4,600 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	4.1929 "
da max	4.3701 "
db min	4.5669 "
Da max	5.5906 "
ra max	0.0591 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$