

PDF technical sheet NU1032C3



Single row cylindrical roller bearings

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

Product definition	
d	6.2992 "
D	9.4488 "
B	1.4961 "
E	8.6614 "
F	7.0866 "
rs min	0.0827 "
r1s min	0.0591 "
Radial clearance class	C3
Mass (without HJ ring)	20.53 oz
Brand	NTN



Product performance	
Dynamic load, C	238 kN
Static load, C0	340 kN
Fatigue limit load, Cu	33.70 kN
Nlim (oil)	3,300 RPM
Nlim (grease)	2,800 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	6.6142 "
da max	7.0079 "
db min	7.2441 "
Da max	9.0157 "
ra max	0.0787 "
r1a max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$