

PDF technical sheet NU336C3



Single row cylindrical roller bearings

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

Product definition	
d	7.0866 "
D	14.9606 "
B	2.9528 "
E	12.9134 "
F	9.1339 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	149.21 oz
Brand	NTN



Product performance	
Dynamic load, C	905 kN
Static load, C0	1,150 kN
Fatigue limit load, Cu	103 kN
Nlim (oil)	2,000 RPM
Nlim (grease)	1,700 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	7.7165 "
da max	8.9370 "
db min	9.2520 "
Da max	14.3307 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$