

PDF technical sheet NU234C3



Single row cylindrical roller bearings

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

Product definition	
d	6.6929 "
D	12.2047 "
B	2.0472 "
E	10.7087 "
F	8.1890 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	58.91 oz
Brand	NTN



Product performance	
Dynamic load, C	475 kN
Static load, C0	635 kN
Fatigue limit load, Cu	59.60 kN
Nlim (oil)	2,500 RPM
Nlim (grease)	2,200 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	7.3228 "
da max	8.0315 "
db min	8.3071 "
Da max	11.5748 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$