

PDF technical sheet NU2230G1C3



Single row cylindrical roller bearings

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

Product definition	
d	5.9055 "
D	10.6299 "
B	2.8740 "
E	9.3701 "
F	7.1654 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C3
Mass (without HJ ring)	57.50 oz
Brand	NTN



Product performance	
Dynamic load, C	500 kN
Static load, C0	710 kN
Fatigue limit load, Cu	69.30 kN
Nlim (oil)	2,600 RPM
Nlim (grease)	2,200 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	6.4173 "
da max	7.0472 "
db min	7.2441 "
Da max	10.1181 "
ra max	0.0984 "
r1a max	0.0984 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$