

PDF technical sheet NU2232C3



Single row cylindrical roller bearings

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

Product definition	
d	6.2992 "
D	11.4173 "
B	3.1496 "
E	10.0394 "
F	7.6772 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C3
Mass (without HJ ring)	80.07 oz
Brand	NTN



Product performance	
Dynamic load, C	630 kN
Static load, C0	940 kN
Fatigue limit load, Cu	89.90 kN
Nlim (oil)	2,400 RPM
Nlim (grease)	2,100 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	6.8110 "
da max	7.5591 "
db min	7.7559 "
Da max	10.9055 "
ra max	0.0984 "
r1a max	0.0984 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$