

PDF technical sheet NJ332C3



Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

Product definition	
d	6.2992 "
D	13.3858 "
B	2.6772 "
E	11.4961 "
F	8.1890 "
d1	8.8583 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	110.76 oz
Brand	NTN



Product performance	
Dynamic load, C	700 kN
Static load, C0	875 kN
Fatigue limit load, Cu	81.10 kN
Nlim (oil)	2,300 RPM
Nlim (grease)	2,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	6.9291 "
da max	7.8740 "
dc min	8.9764 "
Da max	12.7559 "
ra max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$