

PDF technical sheet NJ408G1C3



Single row cylindrical roller bearings

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

Product definition	
d	1.5748 "
D	4.3307 "
B	1.0630 "
E	3.6220 "
F	2.2835 "
d1	2.5512 "
rs min	0.0787 "
r1s min	0.0787 "
Radial clearance class	C3
Mass (without HJ ring)	4.94 oz
Brand	NTN



Product performance	
Dynamic load, C	95.50 kN
Static load, C0	89 kN
Fatigue limit load, Cu	10.90 kN
Nlim (oil)	6,700 RPM
Nlim (grease)	5,700 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	1.9291 "
da max	2.2441 "
dc min	2.6378 "
Da max	3.9764 "
ra max	0.0787 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$