

PDF technical sheet NJ2228C3



Single row cylindrical roller bearings

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

Product definition	
d	5.5118 "
D	9.8425 "
B	2.6772 "
E	8.7008 "
F	6.6535 "
d1	7.0669 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C3
Mass (without HJ ring)	47.97 oz
Brand	NTN



Product performance	
Dynamic load, C	445 kN
Static load, C0	635 kN
Fatigue limit load, Cu	63.40 kN
Nlim (oil)	2,800 RPM
Nlim (grease)	2,400 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	6.0236 "
da max	6.5354 "
dc min	7.1654 "
Da max	9.3307 "
ra max	0.0984 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$