

PDF technical sheet NJ2320C3



Single row cylindrical roller bearings

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

Product definition	
d	3.9370 "
D	8.4646 "
B	2.8740 "
E	7.3031 "
F	5.0984 "
d1	5.5315 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C3
Mass (without HJ ring)	42.68 oz
Brand	NTN



Product performance	
Dynamic load, C	410 kN
Static load, C0	505 kN
Fatigue limit load, Cu	53.70 kN
Nlim (oil)	3,400 RPM
Nlim (grease)	2,900 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	4.4488 "
da max	4.9213 "
dc min	5.6299 "
Da max	7.9528 "
ra max	0.0984 "

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$