

PDF technical sheet NU2313C3



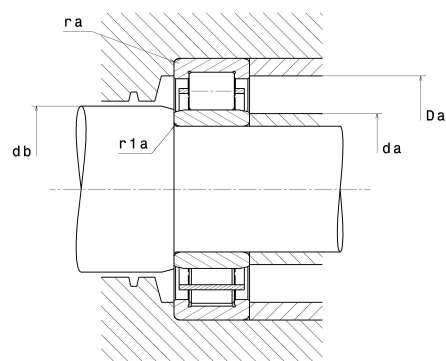
Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

Product definition	
d	2.5591 "
D	5.5118 "
B	1.8898 "
E	4.7835 "
F	3.2874 "
rs min	0.0827 "
r1s min	0.0827 "
Radial clearance class	C3
Mass (without HJ ring)	12.35 oz
Brand	NTN



Product performance	
Dynamic load, C	188 kN
Static load, C0	212 kN
Fatigue limit load, Cu	25.70 kN
Nlim (oil)	5,200 RPM
Nlim (grease)	4,400 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	2.9921 "
da max	3.1890 "
db min	3.3465 "
Da max	5.0787 "
ra max	0.0787 "
r1a max	0.0787 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$