

PDF technical sheet N212C3



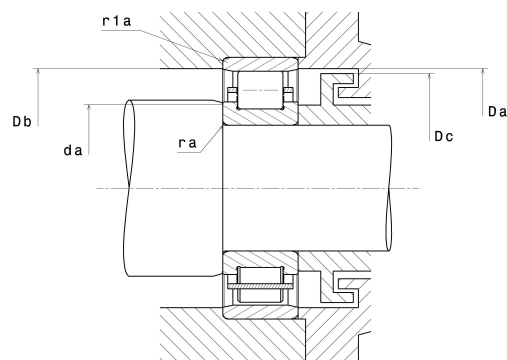
Single row cylindrical roller bearings

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

Product definition	
d	2.3622 "
D	4.3307 "
B	0.8661 "
E	3.8386 "
F	2.8937 "
d1	3.0866 "
rs min	0.0591 "
r1s min	0.0591 "
Radial clearance class	C3
Mass (without HJ ring)	2.86 oz
Brand	NTN



Product performance	
Dynamic load, C	68.50 kN
Static load, C0	75 kN
Fatigue limit load, Cu	9.10 kN
Nlim (oil)	7,600 RPM
Nlim (grease)	6,400 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	2.6772 "
Da max	4.0157 "
Db min	3.9370 "
Dc max	3.7795 "
ra max	0.0591 "
r1a max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$