

PDF technical sheet NU1028



Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

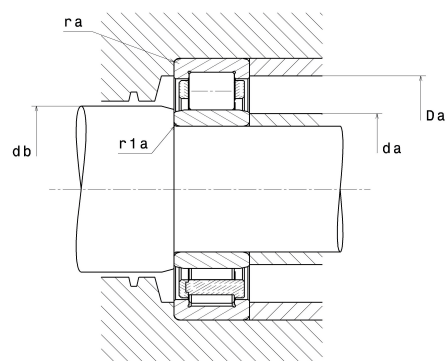
Product definition

d	5.5118 "
D	8.2677 "
B	1.2992 "
E	7.5591 "
F	6.2205 "
rs min	0.0787 "
r1s min	0.0433 "
Radial clearance class	CN
Mass (without HJ ring)	14.36 oz
Brand	NTN



Product performance

Dynamic load, C	176 kN
Static load, C0	250 kN
Fatigue limit load, Cu	25.80 kN
Nlim (oil)	3,800 RPM
Nlim (grease)	3,200 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

da min	5.7677 "
da max	6.1417 "
db min	6.3386 "
Da max	7.9134 "
ra max	0.0787 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$