

PDF technical sheet NU1007G1

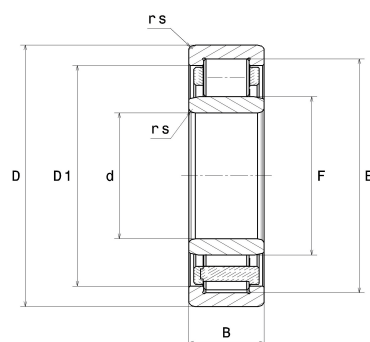


Single row cylindrical roller bearings

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

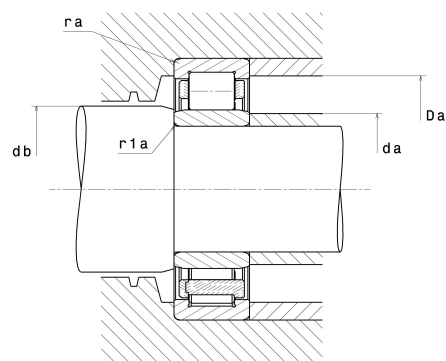
Product definition

d	1.3780 "
D	2.4409 "
B	0.5512 "
E	2.1654 "
F	1.6535 "
rs min	0.0394 "
r1s min	0.0236 "
Radial clearance class	CN
Mass (without HJ ring)	0.59 oz
Brand	NTN



Product performance

Dynamic load, C	22.60 kN
Static load, C0	23.20 kN
Fatigue limit load, Cu	2.85 kN
Nlim (oil)	15,000 RPM
Nlim (grease)	12,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

da min	1.5354 "
da max	1.6142 "
db min	1.7323 "
Da max	2.2441 "
ra max	0.0394 "
r1a max	0.0236 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$