

PDF technical sheet NU2244C3

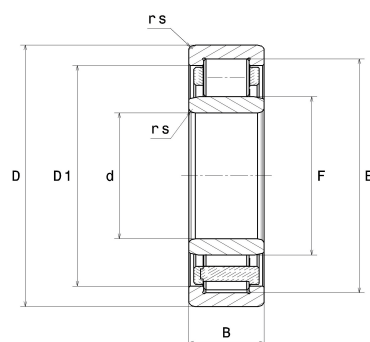


Single row cylindrical roller bearings

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

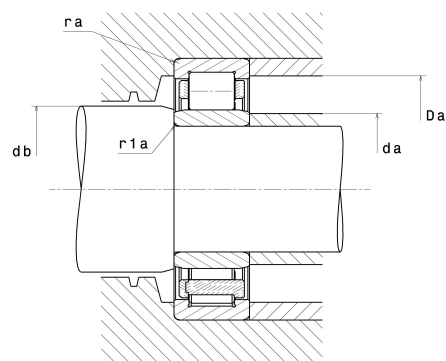
Product definition

d	8.6614 "
D	15.7480 "
B	4.2520 "
E	13.7795 "
F	10.6299 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	208.12 oz
Brand	NTN



Product performance

Dynamic load, C	1,140 kN
Static load, C0	1,810 kN
Fatigue limit load, Cu	157 kN
Nlim (oil)	1,700 RPM
Nlim (grease)	1,500 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

da min	9.2913 "
da max	10.4724 "
db min	10.7480 "
Da max	15.1181 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$