

PDF technical sheet NU334



Single row cylindrical roller bearings

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

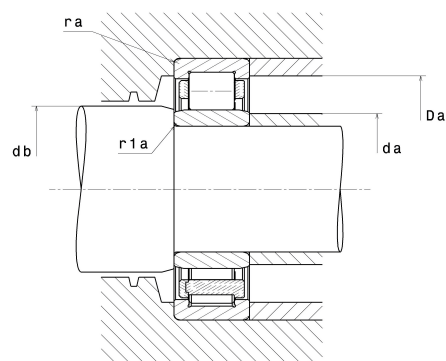
Product definition

d	6.6929 "
D	14.1732 "
B	2.8346 "
E	12.2047 "
F	8.6614 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	CN
Mass (without HJ ring)	129.10 oz
Brand	NTN



Product performance

Dynamic load, C	795 kN
Static load, C0	1,010 kN
Fatigue limit load, Cu	91.90 kN
Nlim (oil)	2,200 RPM
Nlim (grease)	1,800 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

da min	7.3228 "
da max	8.5039 "
db min	8.7795 "
Da max	13.5433 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$