

PDF technical sheet NU2208C3



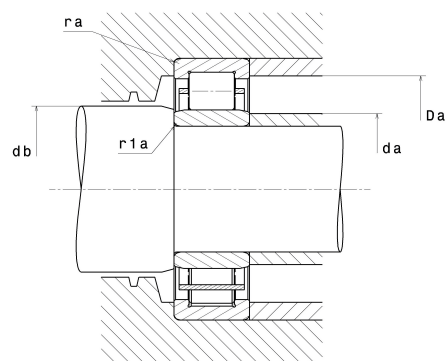
Single row cylindrical roller bearings

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

Product definition	
d	1.5748 "
D	3.1496 "
B	0.9055 "
E	2.7559 "
F	1.9685 "
rs min	0.0433 "
r1s min	0.0433 "
Radial clearance class	C3
Mass (without HJ ring)	1.80 oz
Brand	NTN



Product performance	
Dynamic load, C	58 kN
Static load, C0	62 kN
Fatigue limit load, Cu	7.60 kN
Nlim (oil)	10,000 RPM
Nlim (grease)	8,500 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	1.8307 "
da max	1.9291 "
db min	2.0472 "
Da max	2.8937 "
ra max	0.0394 "
r1a max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$