

PDF technical sheet NUP236C3



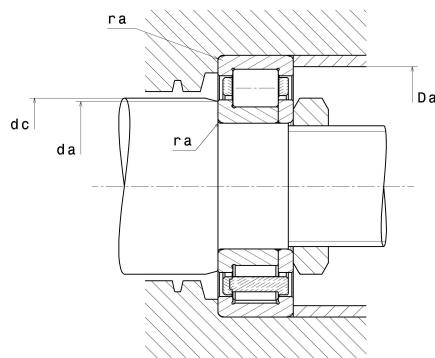
Single row cylindrical roller bearings

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

Product definition	
d	7.0866 "
D	12.5984 "
B	2.0472 "
E	11.1024 "
F	8.5827 "
d1	9.0748 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	64.90 oz
Brand	NTN



Product performance	
Dynamic load, C	495 kN
Static load, C0	675 kN
Fatigue limit load, Cu	62.50 kN
Nlim (oil)	2,400 RPM
Nlim (grease)	2,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	7.7165 "
dc min	9.1732 "
Da max	11.9685 "
ra max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$