

PDF technical sheet NU1052C3



Single row cylindrical roller bearings

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

Product definition	
d	10.2362 "
D	15.7480 "
B	2.5591 "
E	14.3307 "
F	11.6535 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	103.35 oz
Brand	NTN



Product performance	
Dynamic load, C	645 kN
Static load, C0	1,000 kN
Fatigue limit load, Cu	85.20 kN
Nlim (oil)	1,900 RPM
Nlim (grease)	1,600 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	10.8661 "
da max	11.4961 "
db min	11.8110 "
Da max	15.1181 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$