

PDF technical sheet NU248



Single row cylindrical roller bearings

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

Product definition	
d	9.4488 "
D	17.3228 "
B	2.8346 "
E	15.1575 "
F	11.6142 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	CN
Mass (without HJ ring)	176.16 oz
Brand	NTN



Product performance	
Dynamic load, C	935 kN
Static load, C0	1,340 kN
Fatigue limit load, Cu	113 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	10.0787 "
da max	11.5354 "
db min	11.7323 "
Da max	16.6929 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$