

PDF technical sheet NU1034



Single row cylindrical roller bearings

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

Product definition	
d	6.6929 "
D	10.2362 "
B	1.6535 "
E	9.3307 "
F	7.5984 "
rs min	0.0827 "
r1s min	0.0827 "
Radial clearance class	CN
Mass (without HJ ring)	27.73 oz
Brand	NTN



Product performance	
Dynamic load, C	278 kN
Static load, C0	400 kN
Fatigue limit load, Cu	38.80 kN
Nlim (oil)	3,000 RPM
Nlim (grease)	2,600 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	7.1260 "
da max	7.4803 "
db min	7.7559 "
Da max	9.8031 "
ra max	0.0787 "
r1a max	0.0787 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$