

PDF technical sheet N1092



Single row cylindrical roller bearings

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

Product definition	
d	18.1102 "
D	26.7717 "
B	3.9370 "
E	24.5669 "
F	20.3150 "
d1	21.1654 "
rs min	0.2362 "
r1s min	0.2362 "
Radial clearance class	CN
Mass (without HJ ring)	423.29 oz
Brand	NTN



Product performance	
Dynamic load, C	1,540 kN
Static load, C0	2,630 kN
Fatigue limit load, Cu	190 kN
Nlim (oil)	1,000 RPM
Nlim (grease)	850 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	19.0551 "
Da max	25.8268 "
Db min	24.7244 "
Dc max	24.4094 "
ra max	0.1969 "
r1a max	0.1969 "

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$