

PDF technical sheet N407



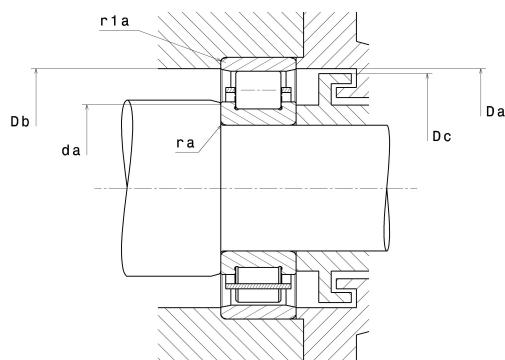
Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

Product definition	
d	1.3780 "
D	3.9370 "
B	0.9843 "
E	3.2677 "
F	2.0866 "
d1	2.3228 "
rs min	0.0591 "
r1s min	0.0591 "
Radial clearance class	CN
Mass (without HJ ring)	3.46 oz
Brand	NTN



Product performance	
Dynamic load, C	75.50 kN
Static load, C0	69 kN
Fatigue limit load, Cu	8.40 kN
Nlim (oil)	7,500 RPM
Nlim (grease)	6,400 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	1.6929 "
Da max	3.6220 "
Db min	3.3071 "
Dc max	3.1890 "
ra max	0.0591 "
r1a max	0.0591 "

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$