

PDF technical sheet

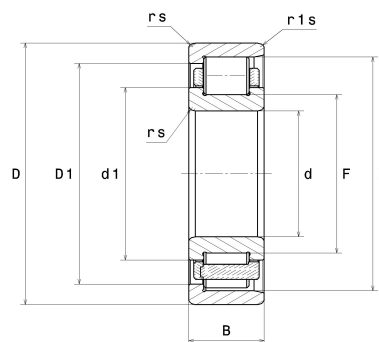
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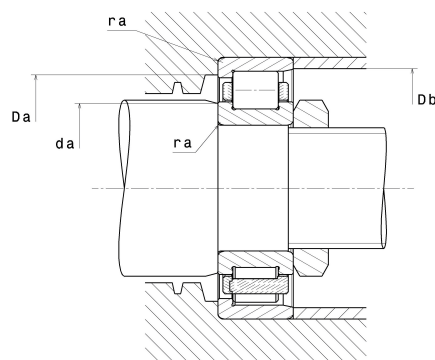
Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

Product definition	
d	4.1339 "
D	6.2992 "
B	1.0236 "
E	5.7283 "
F	4.7047 "
d1	4.9094 "
rs min	0.0787 "
r1s min	0.0433 "
Radial clearance class	C4
Mass (without HJ ring)	6.65 oz
Brand	NTN



Product performance	
Dynamic load, C	105 kN
Static load, C0	142 kN
Fatigue limit load, Cu	15.90 kN
Nlim (oil)	5,100 RPM
Nlim (grease)	4,300 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
da min	4.4882 "
Da max	5.9449 "
Db min	5.7874 "
ra max	0.0787 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$