

PDF technical sheet

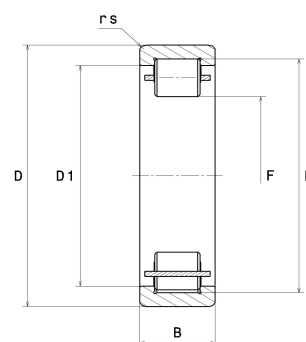
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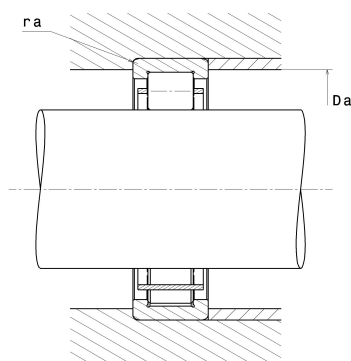
Single row cylindrical roller bearings

Single row cylindrical roller bearing without inner ring, pressed steel cage

Product definition	
D	3.1496 "
B	0.9055 "
E	2.7559 "
F	1.9685 "
rs min	0.0433 "
Radial clearance class	CN
Mass (without HJ ring)	1.23 oz
Brand	NTN



Product performance	
Dynamic load, C	58 kN
Static load, C0	62 kN
Fatigue limit load, Cu	7.60 kN
Nlim (oil)	10,000 RPM
Nlim (grease)	8,500 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
Da max	2.8937 "
ra max	0.0394 "

Calculation factors	
Equivalent dynamic radial load	
$P = Fr$	
Equivalent static radial load	
$P_0 = Fr$	