

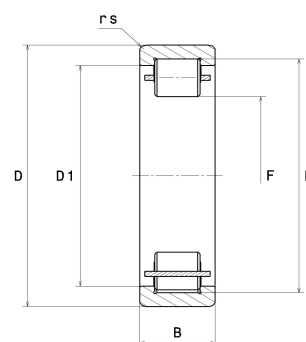
PDF technical sheet RUS308



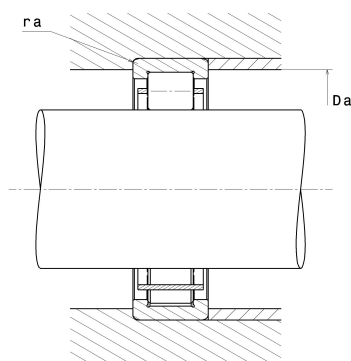
Single row cylindrical roller bearings

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

Product definition	
D	3.5433 "
B	0.9055 "
E	3.0512 "
F	2.1063 "
rs min	0.0591 "
Radial clearance class	CN
Mass (without HJ ring)	1.70 oz
Brand	NTN



Product performance	
Dynamic load, C	58.50 kN
Static load, C0	57 kN
Fatigue limit load, Cu	7 kN
Nlim (oil)	9,400 RPM
Nlim (grease)	8,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions	
Da max	3.2283 "
ra max	0.0591 "

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