Technical datasheet

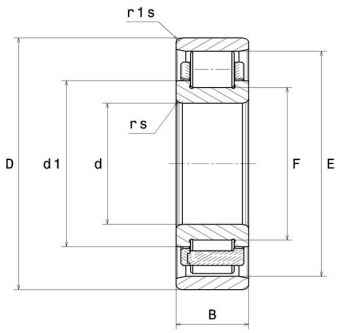
N328

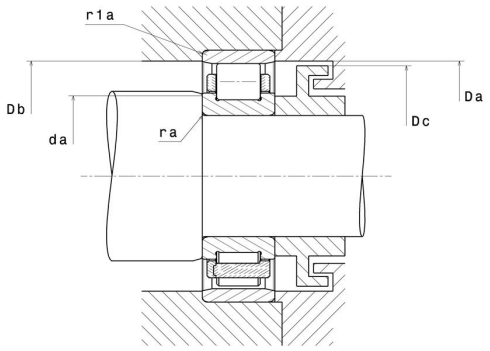
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	140 mm
D	300 mm
B	62 mm
E	260 mm
F	180 mm
d1	196 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	20.8 kg
Brand	NTN

Product performance

Dynamic load, C	615 kN
Static load, C0	745 kN
Fatigue limit load, Cu	71.7 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.32 Hz
Characteristic outer ring frequency, BPF0	5.73 Hz
Characteristic inner ring frequency, BPFI	8.27 Hz

Abutment dimensions

da min	156 mm
Da max	284 mm
Db min	264 mm
Dc max	258 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$