



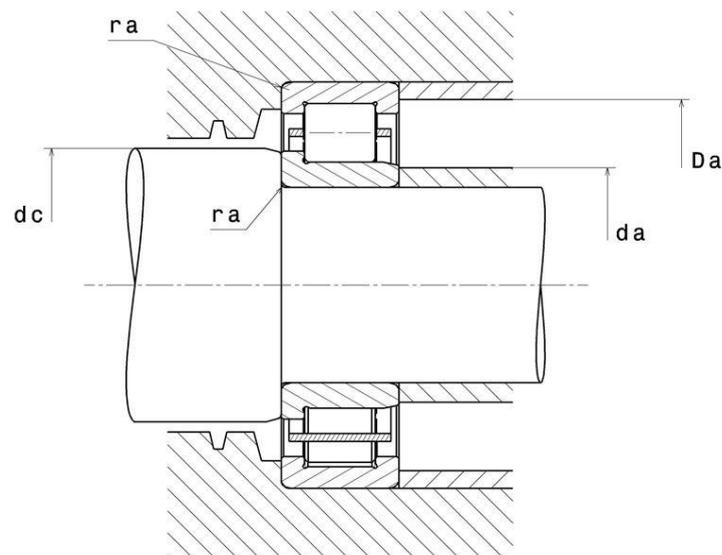
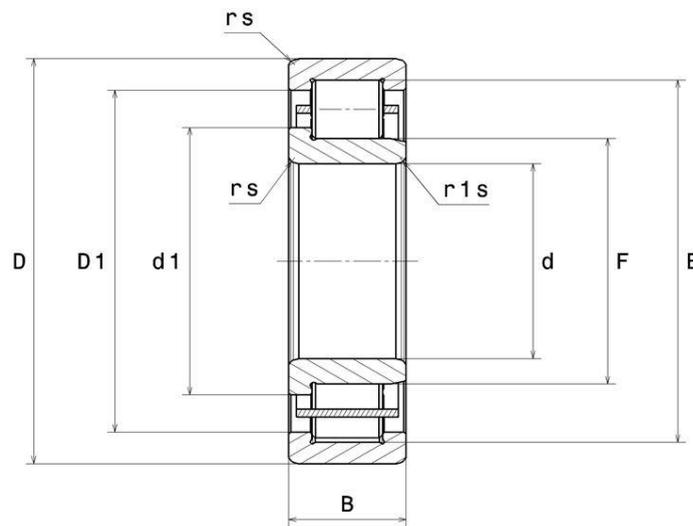
Technical data

NJ210

Single row cylindrical roller bearings

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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	20 mm
E - Upper roller diameter	80,4 mm
F - Under roller diameter	60,4 mm
d1 - IR flange outer diameter	64,6 mm
rs - Min fillet radius	1,1 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	CN
Mass	0,52 kg

PRODUCT PERFORMANCE

C - Dynamic load	53500000 mN
C0 - Static load	51000000 mN
Cu - Fatigue limit load	6200000 mN
N lim - Oil lubrication limit speed	54000 °/s
N lim - Grease lubrication limit speed	45600 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	56,5 mm
da max - Small face shoulder max diameter	58 mm
dc min - Min inner ring GO diameter	67 mm



ABUTMENT

Da max - Max shoulder diameter OR	83,5 mm
ra max - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$

