



Technical data

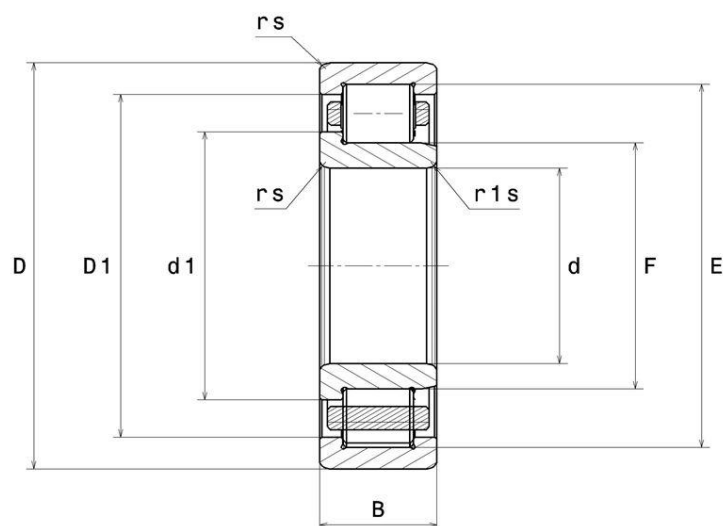
NJ212EAT2X

Single row cylindrical roller bearings

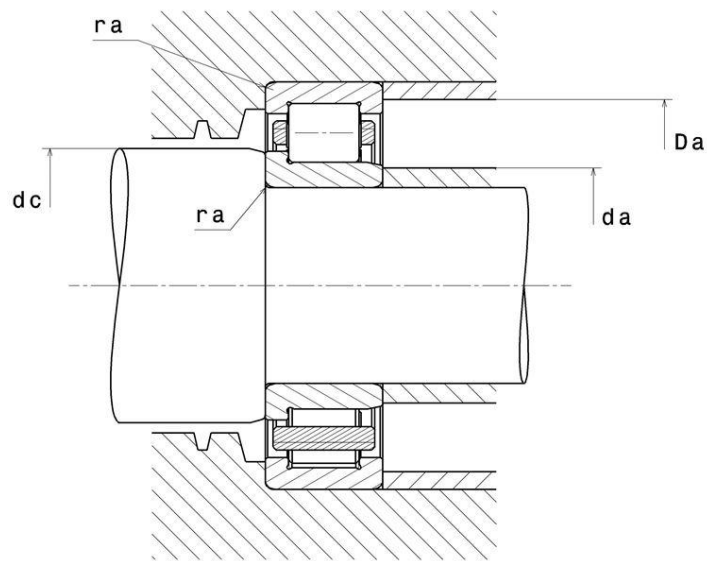
Single row cylindrical roller bearing, single direction for axial loads, separable, polyamide cage.

ULTAGE®

VISUAL (S)



NJ212EAT2X
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	60 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	22 mm
E - Upper roller diameter	100 mm
F - Under roller diameter	71 mm
d1 - IR flange outer diameter	77,6 mm
D1 - OR flange inner diameter	94,8 mm
rs - Min fillet radius	1,5 mm
r1s - Min fillet radius	1,5 mm
Radial clearance class	CN
Mass	0,826 kg

PRODUCT PERFORMANCE



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C - Dynamic load	115000000 mN
C0 - Static load	107000000 mN
Cu - Fatigue limit load	13100000 mN
N lim - Oil lubrication limit speed	49200 °/s
N lim - Grease lubrication limit speed	34800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	68 mm
da max - Small face shoulder max diameter	71 mm
dc min - Min inner ring GO diameter	80 mm
Da max - Max shoulder diameter OR	102 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1,5 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$



NTN Europe

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