

Technical data

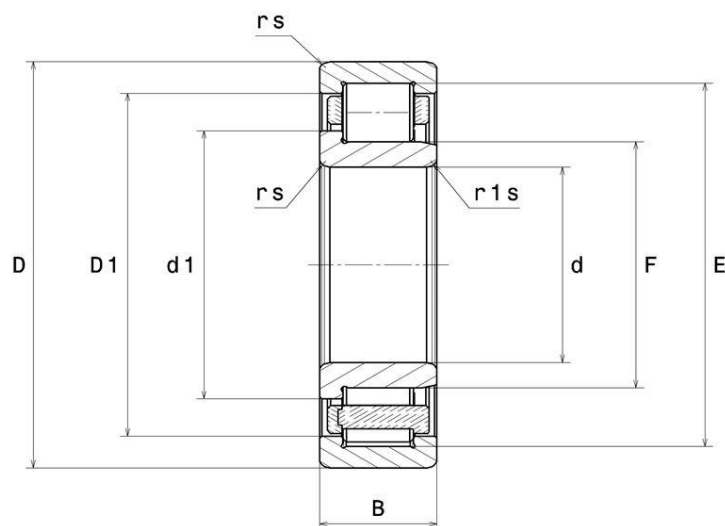
NJ2310EAG1C3

Single row cylindrical roller bearings

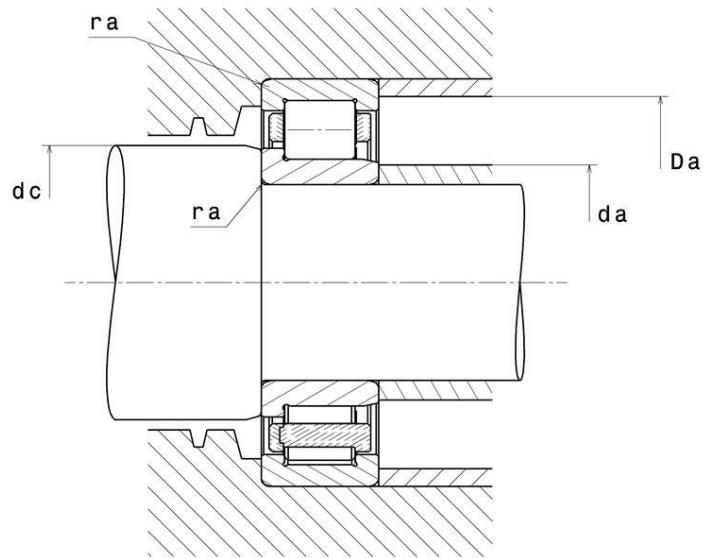


ULTAGE®

VISUAL (S)



NJ2310EAG1C3
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	40 mm
E - Upper roller diameter	97 mm
F - Under roller diameter	65 mm
rNs - Min fillet radius	2 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	2 mm
Radial clearance class	C3
Mass	3,25 kg

PRODUCT PERFORMANCE

C - Dynamic load	192000000 mN
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PRODUCT PERFORMANCE

C0 - Static load	187000000 mN
Cu - Fatigue limit load	22700000 mN
N lim - Oil lubrication limit speed	43800 °/s
N lim - Grease lubrication limit speed	31200 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	59 mm
da max - Small face shoulder max diameter	63 mm
dc min - Min inner ring GO diameter	67 mm
Da max - Max shoulder diameter OR	101 mm
Db min - Small face shoulder min diameter	99 mm
ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



NTN Europe

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