



Technical data

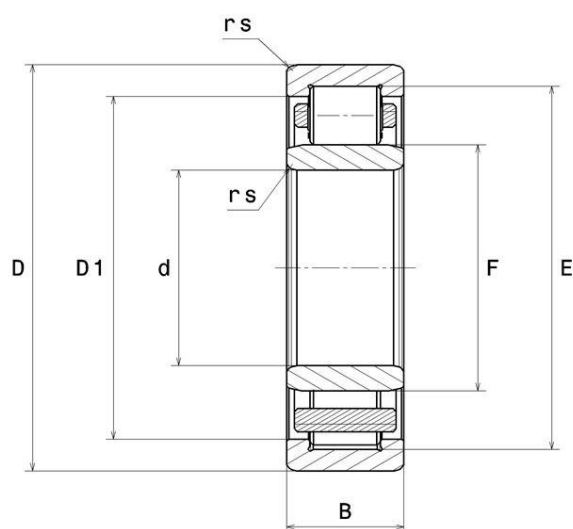
NU205EAT2X

Single row cylindrical roller bearings

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

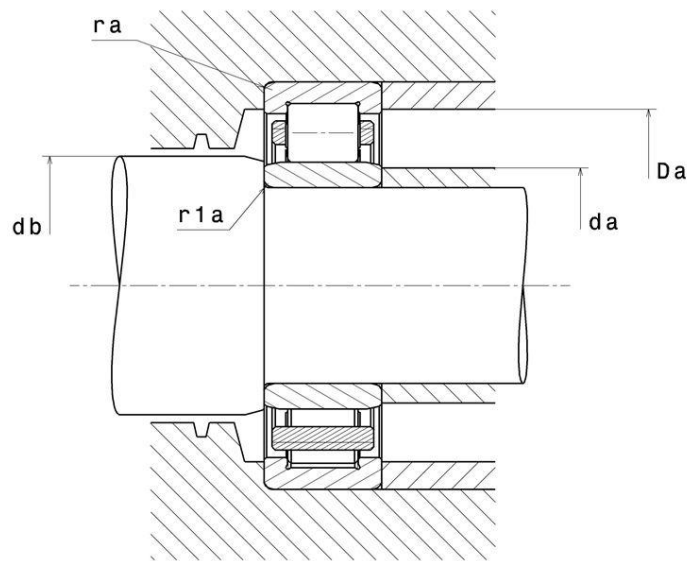
ULTAGE®

VISUAL (S)



NU205EAT2X

Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	25 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	15 mm
E - Upper roller diameter	46,5 mm
F - Under roller diameter	31,5 mm
d1 - IR flange outer diameter	34,5 mm
rNs - Min fillet radius	0,6 mm
rs - Min fillet radius	1 mm
Radial clearance class	CN
Mass	0,151 kg

PRODUCT PERFORMANCE	
C - Dynamic load	34500000 mN

PRODUCT PERFORMANCE

C0 - Static load	27700000 mN
Cu - Fatigue limit load	3400000 mN
N lim - Oil lubrication limit speed	108000 °/s
N lim - Grease lubrication limit speed	78000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	29 mm
db min - Min inner ring GO diameter	30 mm
Da max - Max shoulder diameter OR	47 mm
Db min - Small face shoulder min diameter	47,5 mm
ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



NTN Europe

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