



Technical data

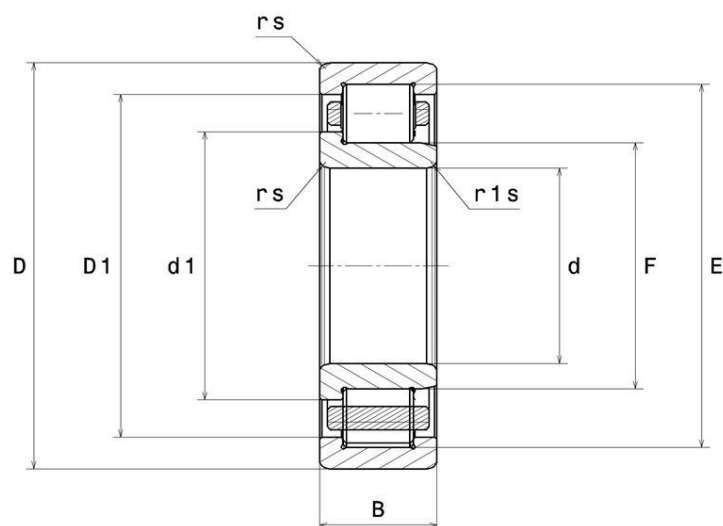
NJ204EAT2X

Single row cylindrical roller bearings

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

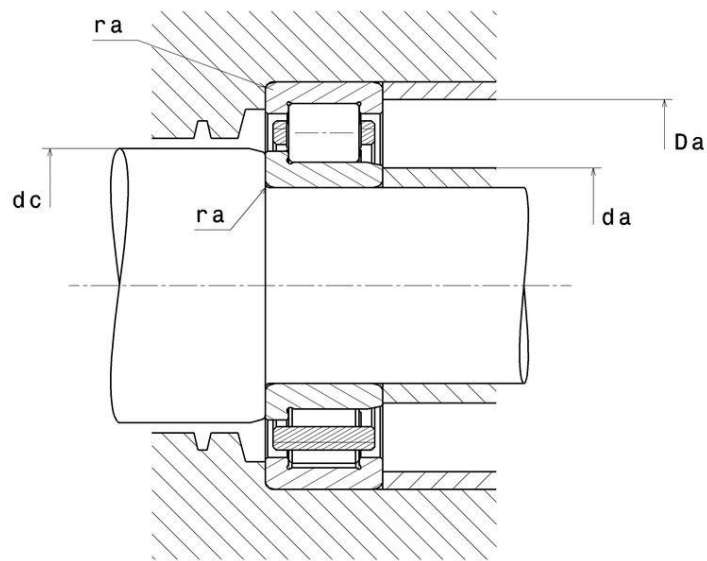
ULTAGE®

VISUAL (S)



NJ204EAT2X

Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	20 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	14 mm
E - Upper roller diameter	41,5 mm
F - Under roller diameter	26,5 mm
d1 - IR flange outer diameter	29,5 mm
rNs - Min fillet radius	0,6 mm
rs - Min fillet radius	1 mm
Radial clearance class	CN

PRODUCT PERFORMANCE	
C - Dynamic load	32500000 mN
C0 - Static load	24700000 mN

PRODUCT PERFORMANCE

Cu - Fatigue limit load	3000000 mN
N lim - Oil lubrication limit speed	129600 °/s
N lim - Grease lubrication limit speed	90000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	24 mm
dc min - Min inner ring GO diameter	29 mm
Da max - Max shoulder diameter OR	42 mm
Db min - Small face shoulder min diameter	42,5 mm
ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$



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