

Technical data

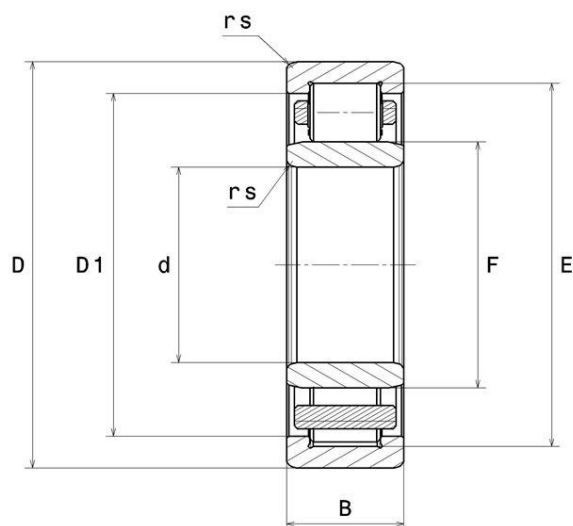
NU2204EAT2X

Single row cylindrical roller bearings

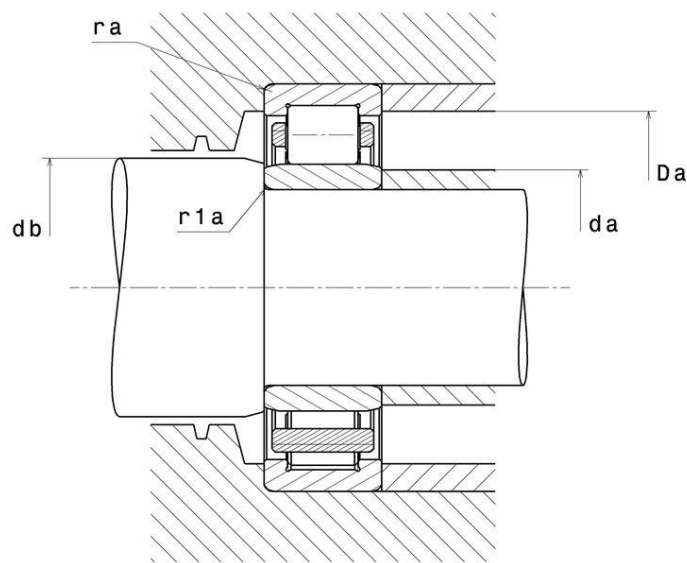


ULTAGE®

VISUAL (S)



NU2204EAT2X
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	20 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	18 mm
E - Upper roller diameter	41,5 mm
F - Under roller diameter	26,5 mm
rs - Min fillet radius	1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	CN
Mass	0,146 kg

PRODUCT PERFORMANCE

C - Dynamic load	38500000 mN
C0 - Static load	31000000 mN



PRODUCT PERFORMANCE

Cu - Fatigue limit load	3750000 mN
N lim - Oil lubrication limit speed	115200 °/s
N lim - Grease lubrication limit speed	84000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	24 mm
da max - Small face shoulder max diameter	26 mm
db min - Min inner ring GO diameter	29 mm
Da max - Max shoulder diameter OR	42 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

$$P_0 = Fr$$



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