



Technical data

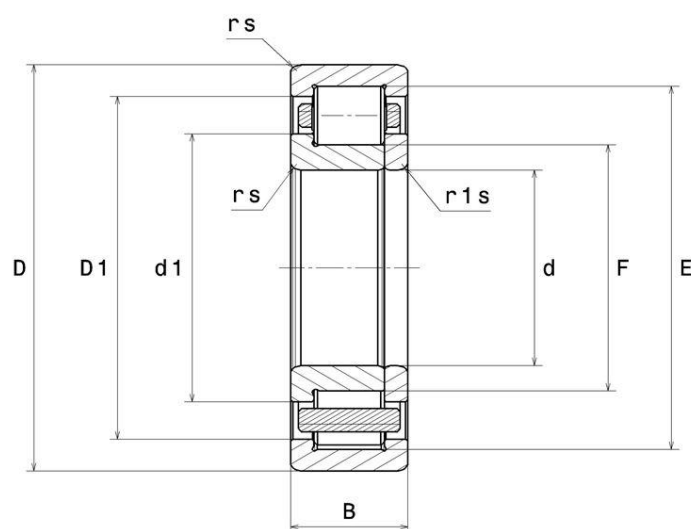
NUP2212EAT2XU

Single row cylindrical roller bearings

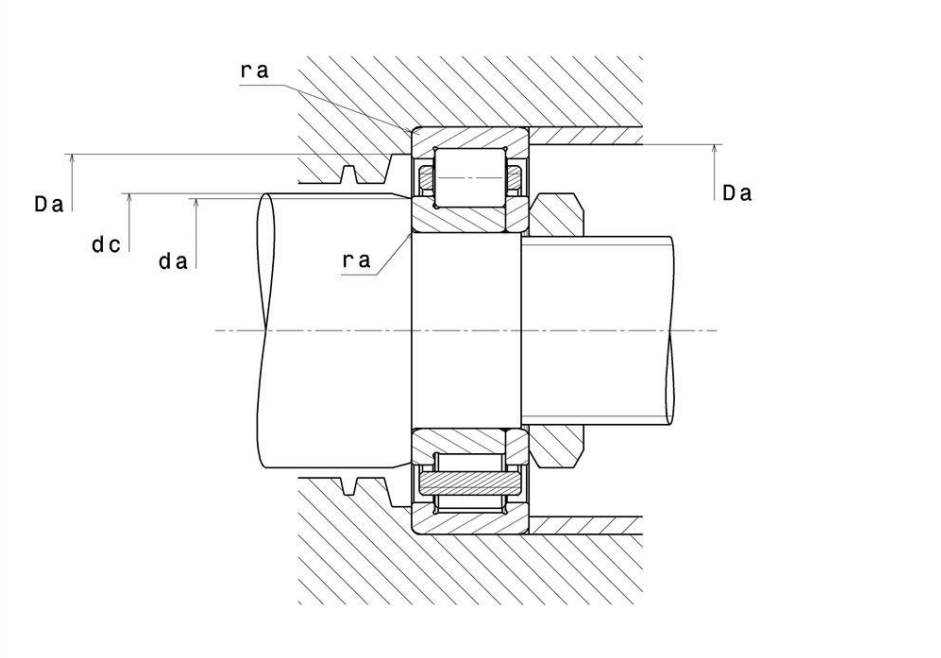
Single row cylindrical roller bearing, locating, separable, polyamide cage

ULTAGE®

VISUAL (S)



NUP2212EAT2XU
Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	60 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	28 mm
E - Upper roller diameter	100 mm
F - Under roller diameter	72 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	1,1 kg

PRODUCT PERFORMANCE



PRODUCT PERFORMANCE

C - Dynamic load	155000000 mN
C0 - Static load	157000000 mN
Cu - Fatigue limit load	19100000 mN
N lim - Oil lubrication limit speed	43800 °/s
N lim - Grease lubrication limit speed	31200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	68 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

$$P_0 = Fr$$



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15