

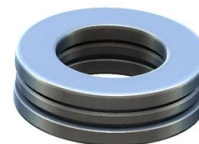


Brand of **NTN corporation**

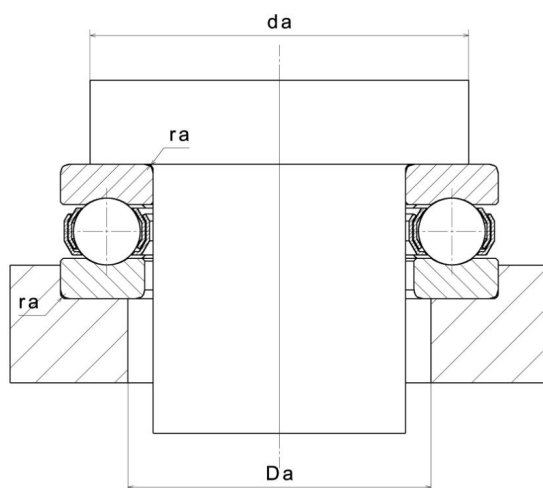
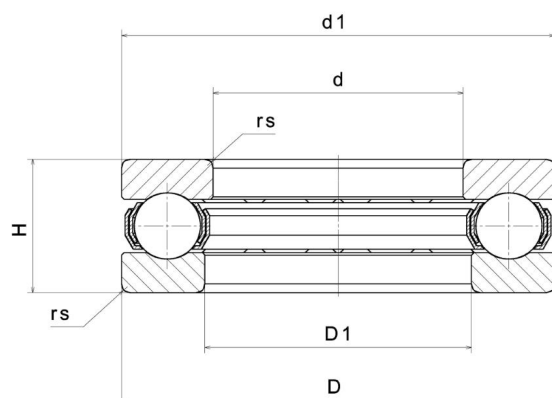
Technical data

51100

One direction thrust ball bearings



VISUAL (S)



NTN Europe

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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

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	10 mm
D - External diameter	24 mm
D1 - Inner diameter outer ring	11 mm
d1 - External diameter inner ring	24 mm
T - Thrust bearing height	9 mm
rs - Min fillet radius	0,3 mm
Mass	0,021 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	10 kN
C0a - Static axial load rating	14 kN
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	5 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.569 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.785 Hz
FTF - Rotational frequency - cage (60 rpm)	0.5 Hz

ABUTMENT

ra max - Max shaft & housing fillet radius	0,3 mm
Da max - Max shoulder diameter OR	16 mm
da min - Min shoulder diameter IR	18 mm



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