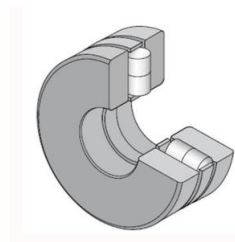


Technical data

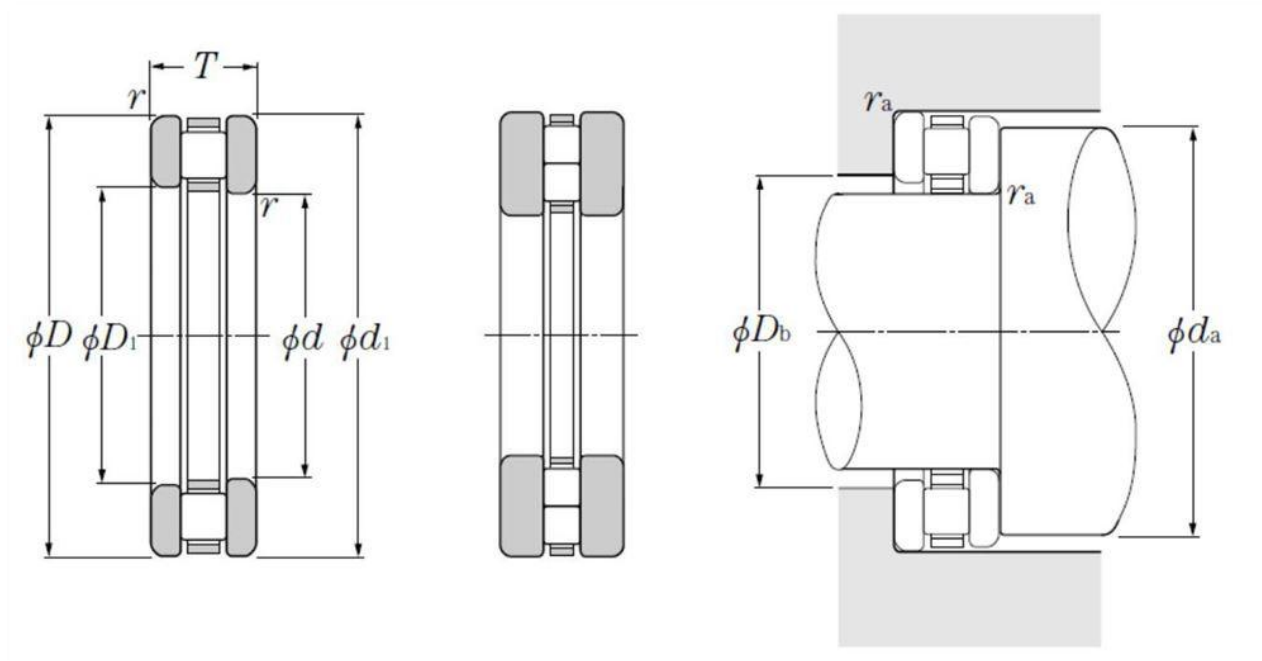
89310

Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 893 series

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Bore diameter of support washer IR - WS	50 mm
D - Outside diameter of support washer OR - GS	95 mm
d1 - External diameter of support washer IR - WS	95 mm
D1 - Bore diameter bearing washer OR - GS	52 mm
T - Thrust bearing height	27 mm
Dw - Rolling element diameter	8 mm
Dc1 - Roller cage bore diameter	50 mm



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

Dc - Roller cage outer diameter	95 mm
rs - Min fillet radius	1,1 mm
Cage assembly reference	K89310
Bearing ring (inner ring) WS	WS89310
Bearing ring (outer ring) GS	GS89310
Ea - Rollers reference outer diameter	90,4 mm
Eb - Rollers reference inner diameter	58 mm
Mass	0,94 kg
Cage assembly mass	0,18 kg
Bearing ring (inner ring) WS mass	0,38 kg
Bearing ring (outer ring) GS mass	0,38 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	125000000 mN
C0a - Static axial load rating	445000000 mN
Cua - Limit axial load rating	54000000 mN
N lim - Grease lubrication limit speed	4800 °/s
N lim - Oil lubrication limit speed	19200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	90 mm
Db max - Max OR shoulder diameter	58 mm
ras max - Max shaft & housing fillet radius	1 mm

