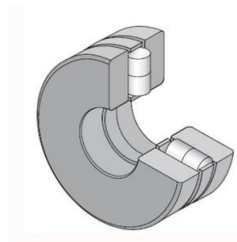


Technical data

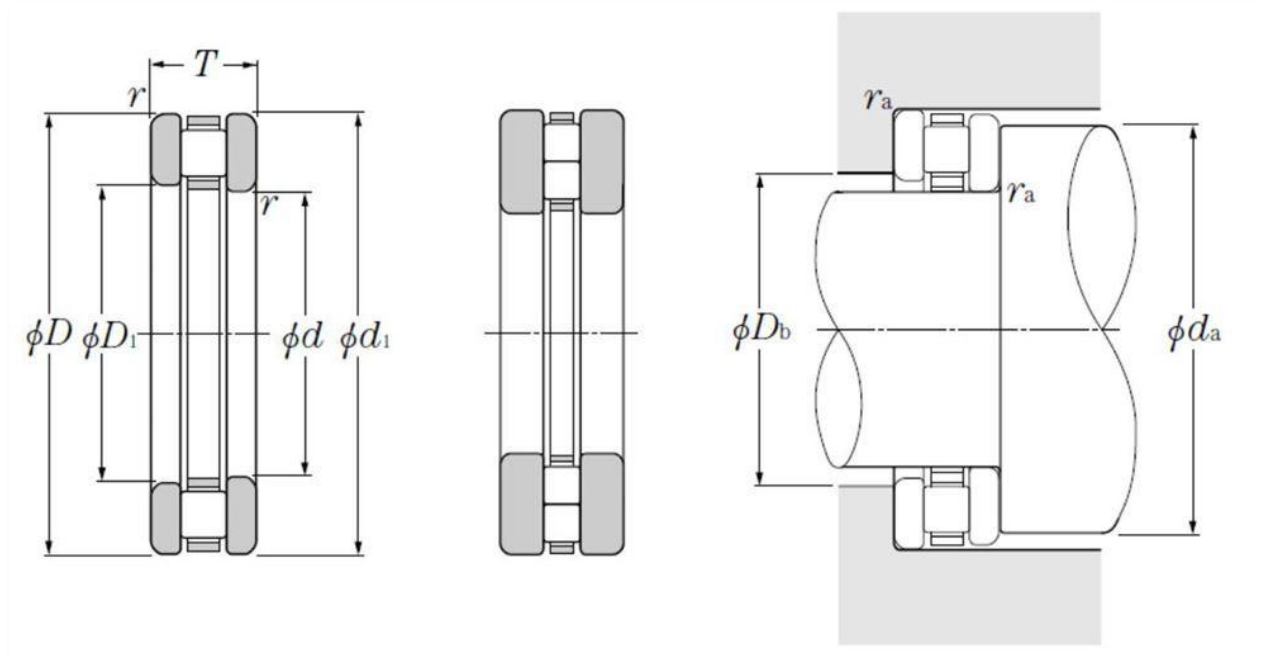
89308

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	40 mm
D - Outside diameter of support washer OR - GS	78 mm
d1 - External diameter of support washer IR - WS	78 mm
D1 - Bore diameter bearing washer OR - GS	42 mm
T - Thrust bearing height	22 mm
Dw - Rolling element diameter	7 mm
Dc1 - Roller cage bore diameter	40 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	78 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K89308
Bearing ring (inner ring) WS	WS89308
Bearing ring (outer ring) GS	GS89308
Ea - Rollers reference outer diameter	74,4 mm
Eb - Rollers reference inner diameter	46 mm
Mass	0,52 kg
Cage assembly mass	0,1 kg
Bearing ring (inner ring) WS mass	0,21 kg
Bearing ring (outer ring) GS mass	0,21 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	85000000 mN
C0a - Static axial load rating	277000000 mN
Cua - Limit axial load rating	34000000 mN
N lim - Grease lubrication limit speed	6000 °/s
N lim - Oil lubrication limit speed	24000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	74 mm
Db max - Max OR shoulder diameter	46 mm
ras max - Max shaft & housing fillet radius	1 mm

