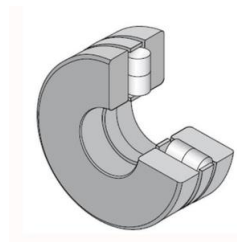


Technical data

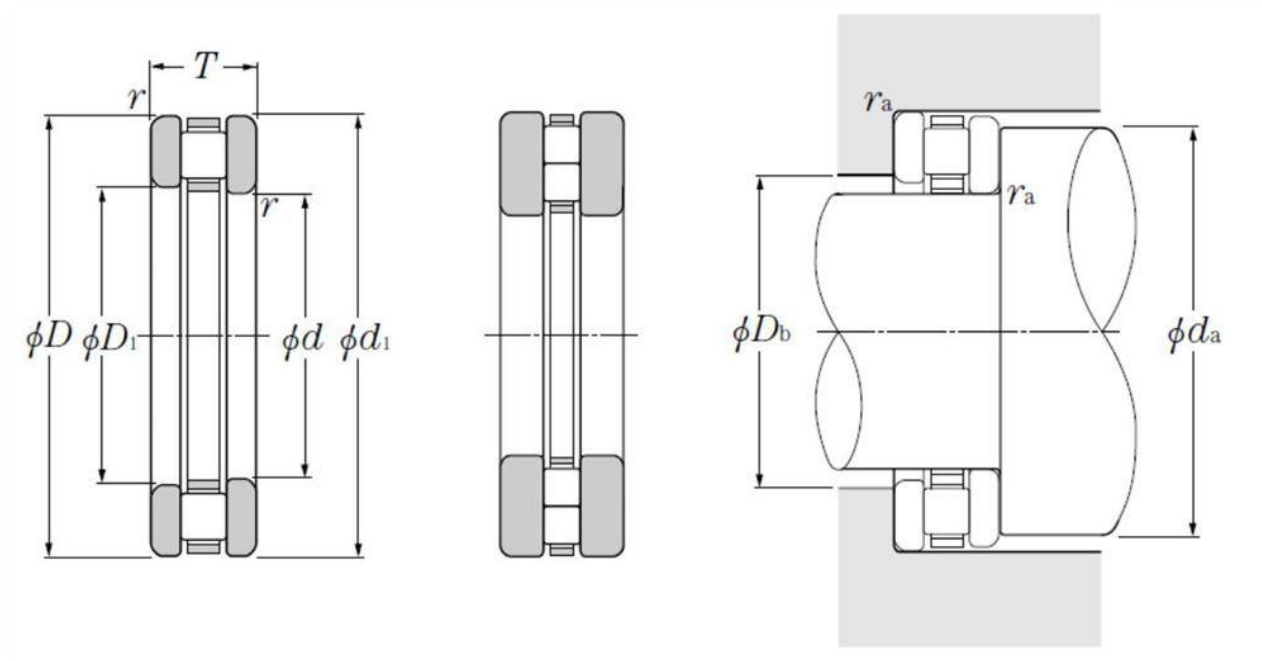
89312

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	60 mm
D - Outside diameter of support washer OR - GS	110 mm
d1 - External diameter of support washer IR - WS	110 mm
D1 - Bore diameter bearing washer OR - GS	62 mm
T - Thrust bearing height	30 mm
Dw - Rolling element diameter	9 mm
Dc1 - Roller cage bore diameter	60 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	110 mm
rs - Min fillet radius	1,1 mm
Cage assembly reference	K89312
Bearing ring (inner ring) WS	WS89312
Bearing ring (outer ring) GS	GS89312
Ea - Rollers reference outer diameter	105,3 mm
Eb - Rollers reference inner diameter	68,9 mm
Mass	1,35 kg
Cage assembly mass	0,25 kg
Bearing ring (inner ring) WS mass	0,55 kg
Bearing ring (outer ring) GS mass	0,55 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	162000000 mN
C0a - Static axial load rating	600000000 mN
Cua - Limit axial load rating	73500000 mN
N lim - Grease lubrication limit speed	4080 °/s
N lim - Oil lubrication limit speed	16200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	105 mm
Db max - Max OR shoulder diameter	69 mm
ras max - Max shaft & housing fillet radius	1 mm



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