

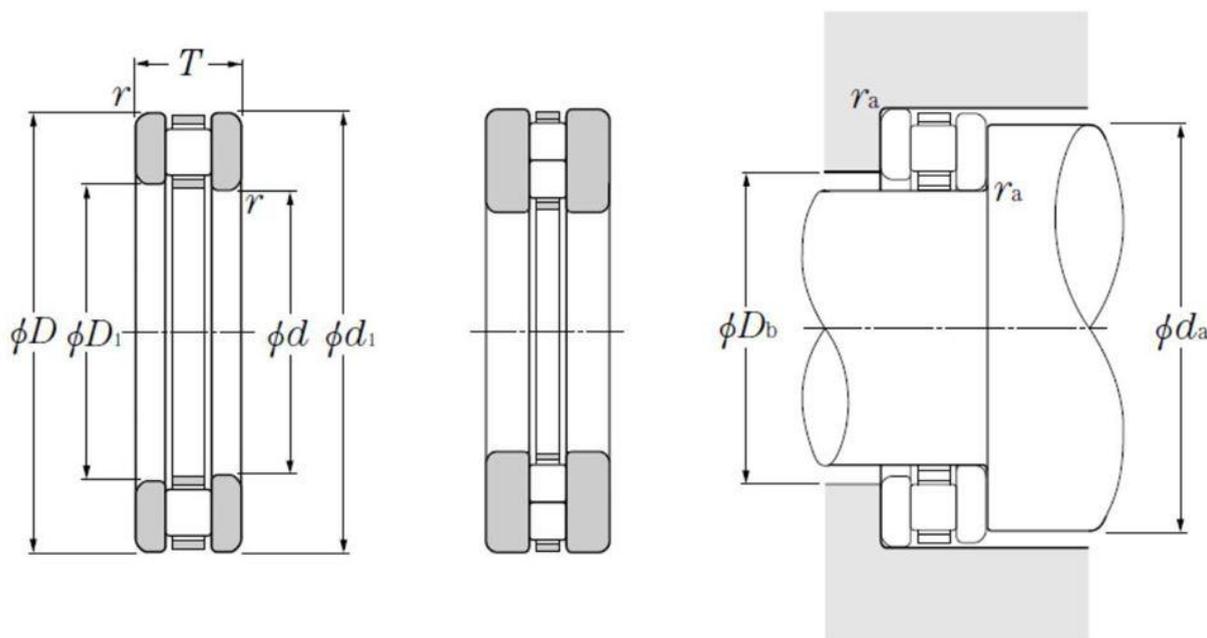
Technical data

89309

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	45 mm
D - Outside diameter of support washer OR - GS	85 mm
d1 - External diameter of support washer IR - WS	85 mm
D1 - Bore diameter bearing washer OR - GS	47 mm
T - Thrust bearing height	24 mm
Dw - Rolling element diameter	7,5 mm
Dc1 - Roller cage bore diameter	45 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	85 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K89309
Bearing ring (inner ring) WS	WS89309
Bearing ring (outer ring) GS	GS89309
Ea - Rollers reference outer diameter	81,3 mm
Eb - Rollers reference inner diameter	50,9 mm
Mass	0,67 kg
Cage assembly mass	0,14 kg
Bearing ring (inner ring) WS mass	0,27 kg
Bearing ring (outer ring) GS mass	0,27 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	102000000 mN
C0a - Static axial load rating	345000000 mN
Cua - Limit axial load rating	42000000 mN
N lim - Grease lubrication limit speed	5400 °/s
N lim - Oil lubrication limit speed	21600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	81 mm
Db max - Max OR shoulder diameter	51 mm
ras max - Max shaft & housing fillet radius	1 mm

