

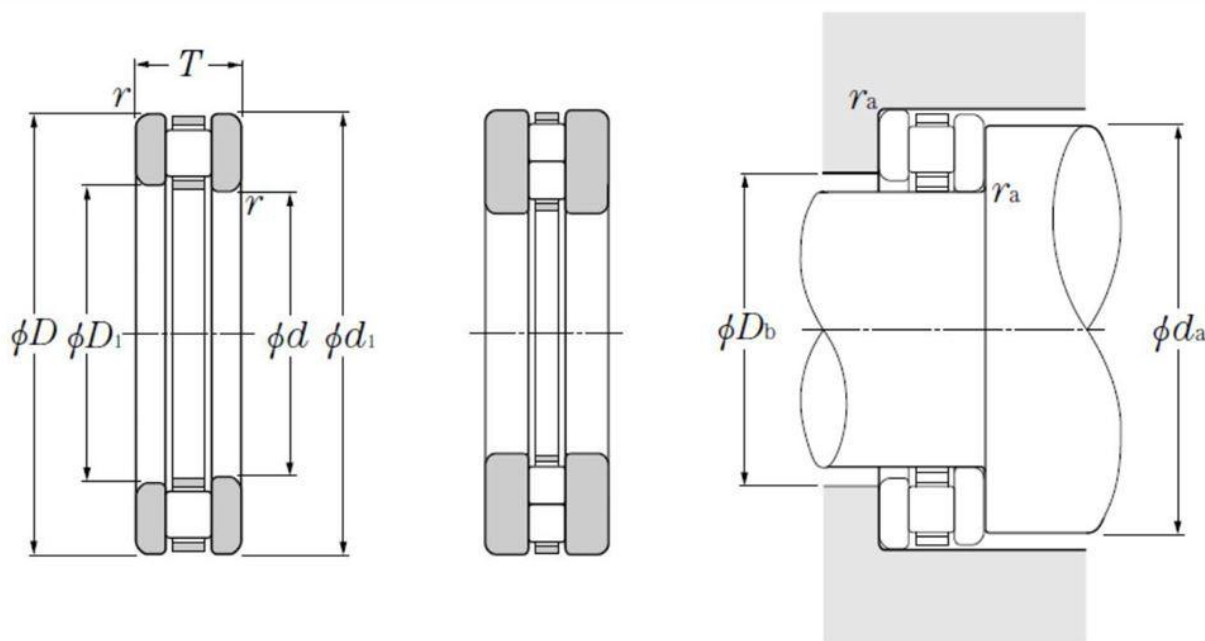
Technical data

89316

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	80 mm
D - Outside diameter of support washer OR - GS	140 mm
d1 - External diameter of support washer IR - WS	140 mm
D1 - Bore diameter bearing washer OR - GS	82 mm
T - Thrust bearing height	36 mm
Dw - Rolling element diameter	11 mm
Dc1 - Roller cage bore diameter	80 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
 S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
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PRODUCT DEFINITION

Dc - Roller cage outer diameter	140 mm
rs - Min fillet radius	1,5 mm
Cage assembly reference	K89316
Bearing ring (inner ring) WS	WS89316
Bearing ring (outer ring) GS	GS89316
Ea - Rollers reference outer diameter	134,2 mm
Eb - Rollers reference inner diameter	89,8 mm
Mass	2,53 kg
Cage assembly mass	0,49 kg
Bearing ring (inner ring) WS mass	1,02 kg
Bearing ring (outer ring) GS mass	1,02 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	246000000 mN
C0a - Static axial load rating	970000000 mN
Cua - Limit axial load rating	114000000 mN
Nlim - Grease lubrication limit speed	3180 °/s
Nlim - Oil lubrication limit speed	12600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	134 mm
Db max - Max OR shoulder diameter	90 mm
ras max - Max shaft & housing fillet radius	1,5 mm

