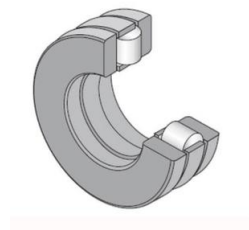


Technical data

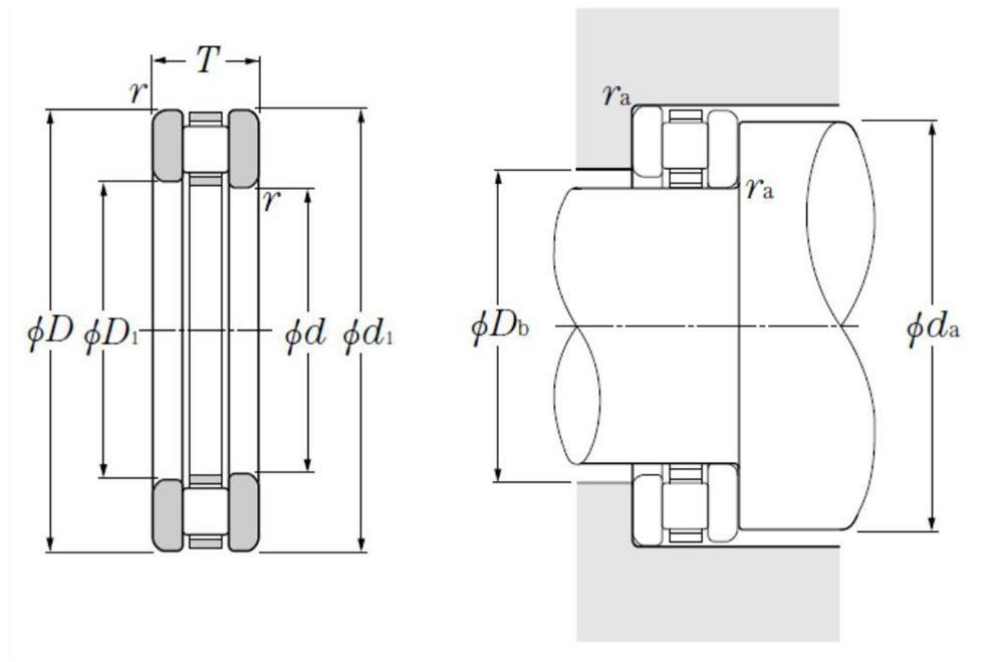
81211T2

Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Bore diameter of support washer IR - WS	55 mm
D - Outside diameter of support washer OR - GS	90 mm
d1 - External diameter of support washer IR - WS	90 mm
D1 - Bore diameter bearing washer OR - GS	57 mm
T - Thrust bearing height	25 mm
Dw - Rolling element diameter	11 mm
Dc1 - Roller cage bore diameter	55 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
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

PRODUCT DEFINITION

Dc - Roller cage outer diameter	90 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K81211T2
Bearing ring (inner ring) WS	WS81211
Bearing ring (outer ring) GS	GS81211
Ea - Rollers reference outer diameter	83,4 mm
Eb - Rollers reference inner diameter	60,1 mm
Mass	0,61 kg
Cage assembly mass	0,19 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	121 kN
C0a - Static axial load rating	340 kN
Cua - Limit axial load rating	41,5 kN
N lim - Grease lubrication limit speed	830 tr/min
N lim - Oil lubrication limit speed	3300 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	83 mm
Db max - Max OR shoulder diameter	61 mm
ras max - Max shaft & housing fillet radius	1 mm



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81211T2

Complete thrust bearing

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	81211T2
Image	NRB811_1.jpg, NRB811_3.jpg
Rolling element material	Acier 100Cr6



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