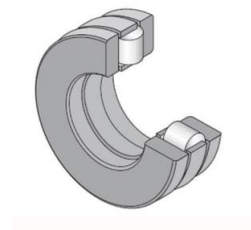


Technical data

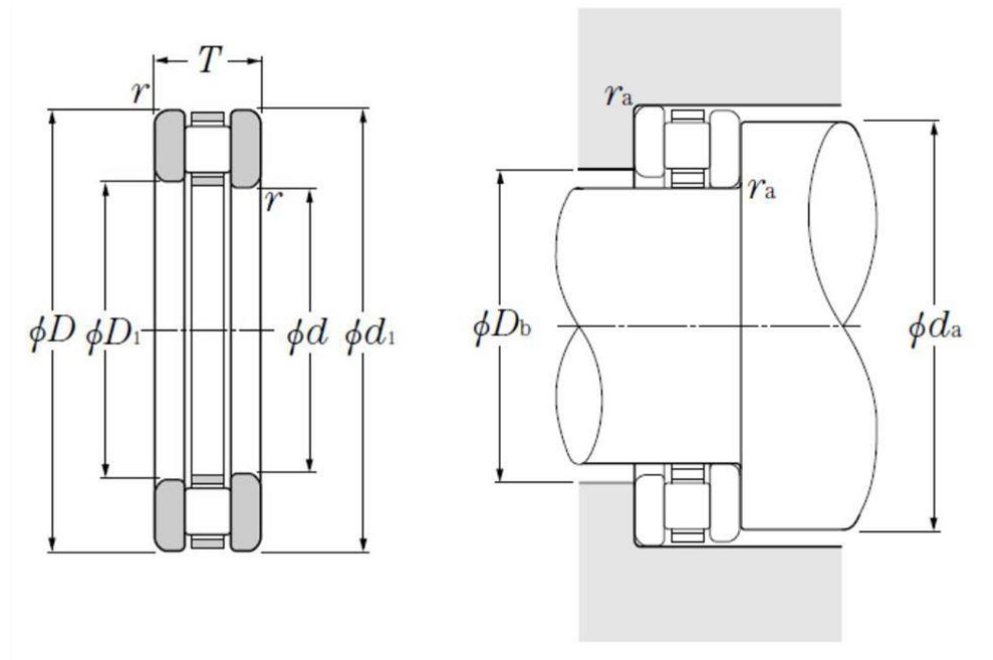
81103T2

Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Bore diameter of support washer IR - WS	17 mm
D - Outside diameter of support washer OR - GS	30 mm
d1 - External diameter of support washer IR - WS	30 mm
D1 - Bore diameter bearing washer OR - GS	18 mm
T - Thrust bearing height	9 mm
Dw - Rolling element diameter	3,5 mm
Dc1 - Roller cage bore diameter	17 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	30 mm
rs - Min fillet radius	0,3 mm
Cage assembly reference	K81103T2
Bearing ring (inner ring) WS	WS81103
Bearing ring (outer ring) GS	GS81103
Ea - Rollers reference outer diameter	27 mm
Eb - Rollers reference inner diameter	19,2 mm
Mass	0,03 kg
Cage assembly mass	0,008 kg
Bearing ring (inner ring) WS mass	0,011 kg
Bearing ring (outer ring) GS mass	0,011 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	12,7 kN
C0a - Static axial load rating	29 kN
Cua - Limit axial load rating	3,55 kN
N lim - Grease lubrication limit speed	2500 tr/min
N lim - Oil lubrication limit speed	10000 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	27 mm
Db max - Max OR shoulder diameter	20 mm
ras max - Max shaft & housing fillet radius	0,3 mm



81103T2

Complete thrust bearing

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	81103T2
Image	NRB811_1.jpg, NRB811_3.jpg
Rolling element material	Acier 100Cr6



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