

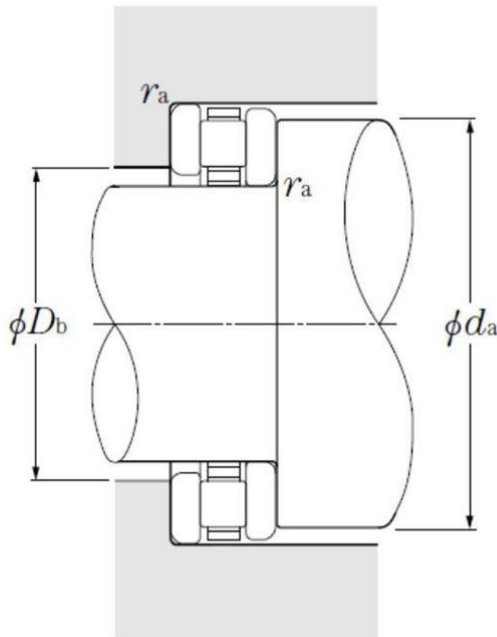
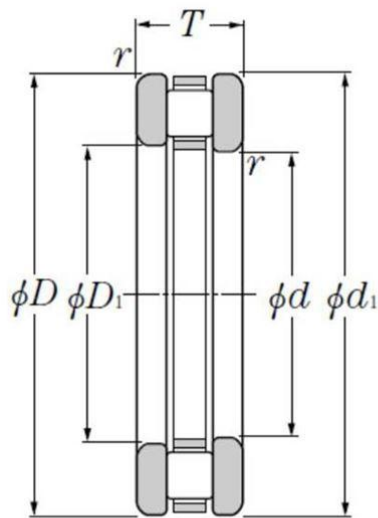
Technical data

81111T2

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	55 mm
D - Outside diameter of support washer OR - GS	78 mm
d1 - External diameter of support washer IR - WS	78 mm
D1 - Bore diameter bearing washer OR - GS	57 mm
T - Thrust bearing height	16 mm
Dw - Rolling element diameter	6 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	78 mm
rs - Min fillet radius	0,6 mm
Cage assembly reference	K81111T2
Bearing ring (inner ring) WS	WS81111
Bearing ring (outer ring) GS	GS81111
Ea - Rollers reference outer diameter	75,2 mm
Eb - Rollers reference inner diameter	57,8 mm
Mass	0,25 kg
Cage assembly mass	0,06 kg
Bearing ring (inner ring) WS mass	0,095 kg
Bearing ring (outer ring) GS mass	0,095 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	62,5 kN
C0a - Static axial load rating	215 kN
Cua - Limit axial load rating	26,2 kN
N lim - Grease lubrication limit speed	900 tr/min
N lim - Oil lubrication limit speed	3600 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	75 mm
Db max - Max OR shoulder diameter	58 mm
ras max - Max shaft & housing fillet radius	0,6 mm



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ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	81111T2
Image	NRB811_1.jpg, NRB811_3.jpg
Rolling element material	Acier 100Cr6



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