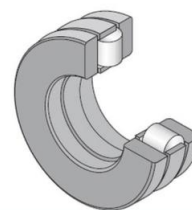


Technical data

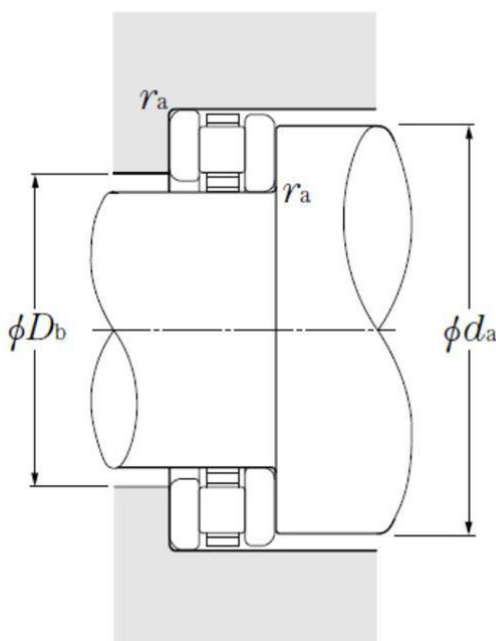
81107T2

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	35 mm
D - Outside diameter of support washer OR - GS	52 mm
d1 - External diameter of support washer IR - WS	52 mm
D1 - Bore diameter bearing washer OR - GS	37 mm
T - Thrust bearing height	12 mm
Dw - Rolling element diameter	5 mm
Dc1 - Roller cage bore diameter	35 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	52 mm
rs - Min fillet radius	0,6 mm
Cage assembly reference	K81107T2
Bearing ring (inner ring) WS	WS81107
Bearing ring (outer ring) GS	GS81107
Ea - Rollers reference outer diameter	48,9 mm
Eb - Rollers reference inner diameter	38 mm
Mass	0,09 kg
Cage assembly mass	0,024 kg
Bearing ring (inner ring) WS mass	0,033 kg
Bearing ring (outer ring) GS mass	0,033 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	31 kN
C0a - Static axial load rating	87 kN
Cua - Limit axial load rating	10,6 kN
N lim - Grease lubrication limit speed	1400 tr/min
N lim - Oil lubrication limit speed	5500 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	49 mm
Db max - Max OR shoulder diameter	38 mm
ras max - Max shaft & housing fillet radius	0,6 mm



81107T2

Complete thrust bearing

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	81107T2
Image	NRB811_1.jpg, NRB811_3.jpg
Rolling element material	Acier 100Cr6



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