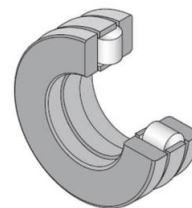


Technical data

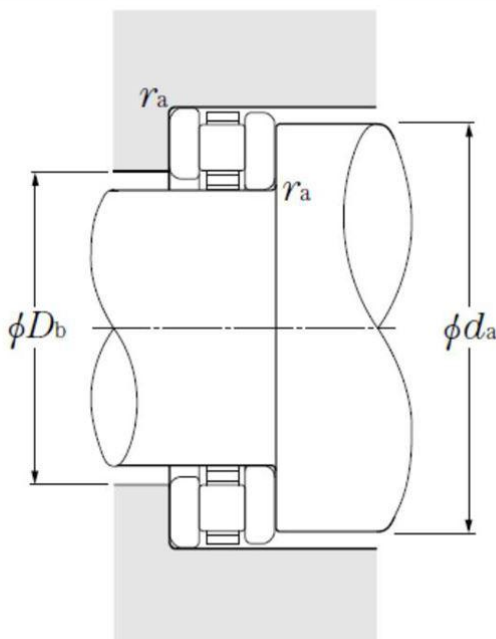
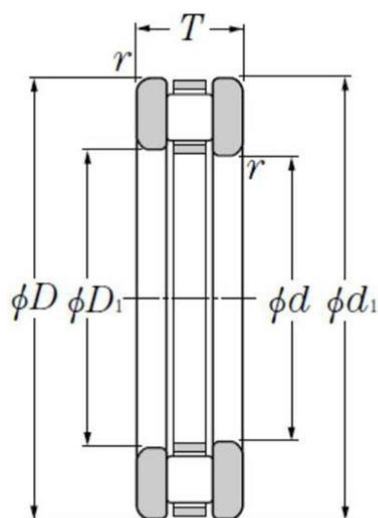
81102T2

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	15 mm
D - Outside diameter of support washer OR - GS	28 mm
d1 - External diameter of support washer IR - WS	28 mm
D1 - Bore diameter bearing washer OR - GS	16 mm
T - Thrust bearing height	9 mm
Dw - Rolling element diameter	3,5 mm
Dc1 - Roller cage bore diameter	15 mm



NTN Europe

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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	28 mm
rs - Min fillet radius	0,3 mm
Cage assembly reference	K81102T2
Bearing ring (inner ring) WS	WS81102
Bearing ring (outer ring) GS	GS81102
Ea - Rollers reference outer diameter	25 mm
Eb - Rollers reference inner diameter	17,2 mm
Mass	0,026 kg
Cage assembly mass	0,006 kg
Bearing ring (inner ring) WS mass	0,01 kg
Bearing ring (outer ring) GS mass	0,01 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	12,2 kN
C0a - Static axial load rating	26,8 kN
Cua - Limit axial load rating	3,25 kN
N lim - Grease lubrication limit speed	2800 tr/min
N lim - Oil lubrication limit speed	11000 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	25 mm
Db max - Max OR shoulder diameter	18 mm
ras max - Max shaft & housing fillet radius	0,3 mm

