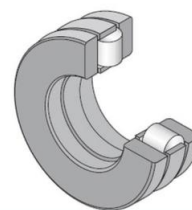


Technical data

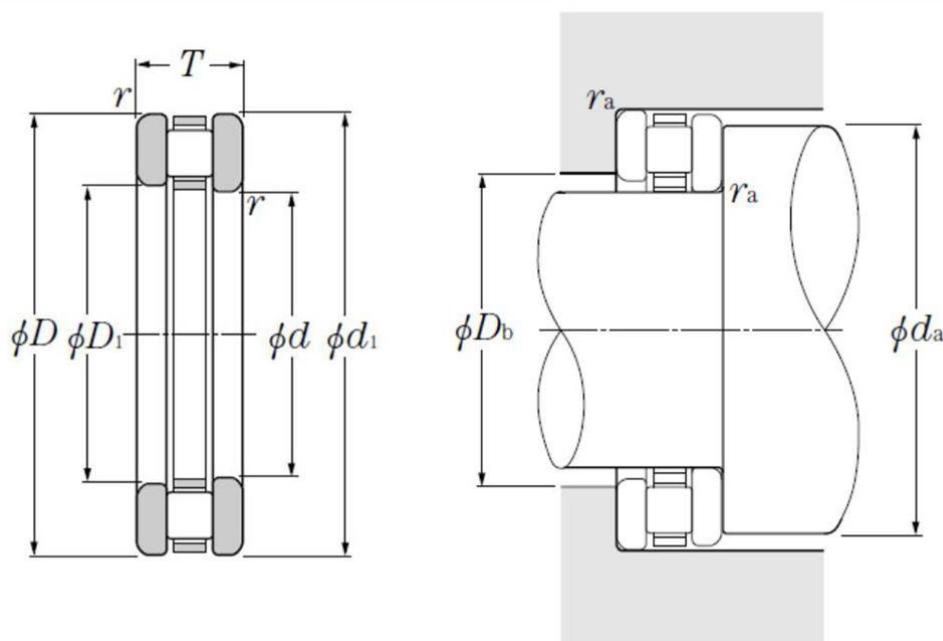
81128

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	140 mm
D - Outside diameter of support washer OR - GS	180 mm
d1 - External diameter of support washer IR - WS	178 mm
D1 - Bore diameter bearing washer OR - GS	142 mm
T - Thrust bearing height	31 mm
Dw - Rolling element diameter	12 mm
Dc1 - Roller cage bore diameter	140 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	180 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K81128
Bearing ring (inner ring) WS	WS81128
Bearing ring (outer ring) GS	GS81128
Ea - Rollers reference outer diameter	172,5 mm
Eb - Rollers reference inner diameter	147,8 mm
Mass	1,95 kg
Cage assembly mass	0,45 kg
Bearing ring (inner ring) WS mass	0,75 kg
Bearing ring (outer ring) GS mass	0,75 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	206000000 mN
C0a - Static axial load rating	815000000 mN
Cua - Limit axial load rating	86000000 mN
N lim - Grease lubrication limit speed	2280 °/s
N lim - Oil lubrication limit speed	9000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	172 mm
Db max - Max OR shoulder diameter	147 mm
ras max - Max shaft & housing fillet radius	1 mm

