

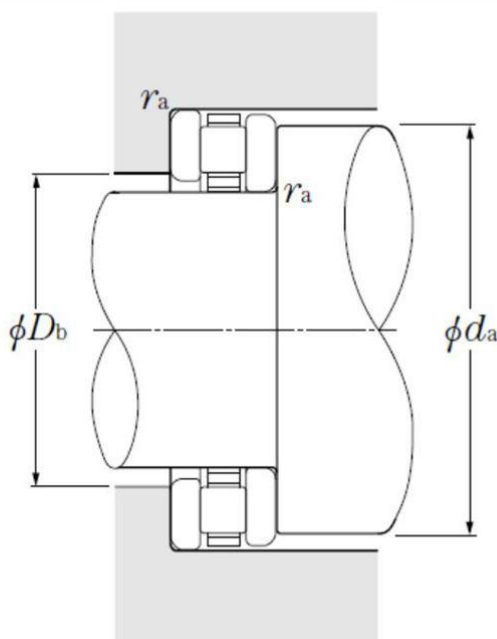
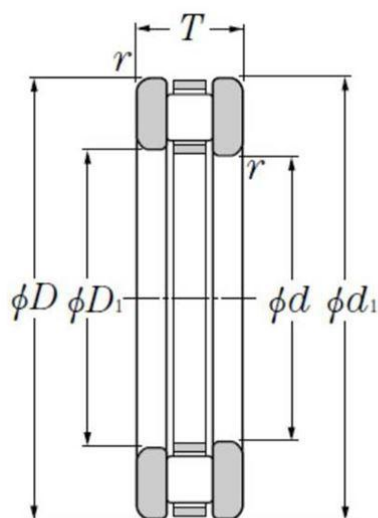
Technical data

81217L1

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Bore diameter of support washer IR - WS	85 mm
D - Outside diameter of support washer OR - GS	125 mm
d1 - External diameter of support washer IR - WS	125 mm
D1 - Bore diameter bearing washer OR - GS	88 mm
T - Thrust bearing height	31 mm
Dw - Rolling element diameter	12 mm
Dc1 - Roller cage bore diameter	85 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	125 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K81217L1
Bearing ring (inner ring) WS	WS81217
Bearing ring (outer ring) GS	GS81217
Ea - Rollers reference outer diameter	116,9 mm
Eb - Rollers reference inner diameter	92,2 mm
Mass	1,3 kg
Cage assembly mass	0,32 kg
Bearing ring (inner ring) WS mass	0,49 kg
Bearing ring (outer ring) GS mass	0,49 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	169000000 mN
C0a - Static axial load rating	550000000 mN
N lim - Grease lubrication limit speed	3480 °/s
N lim - Oil lubrication limit speed	13800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	116 mm
Db max - Max OR shoulder diameter	92 mm
ras max - Max shaft & housing fillet radius	1 mm

