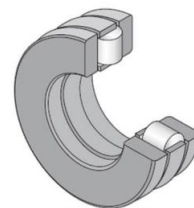


Technical data

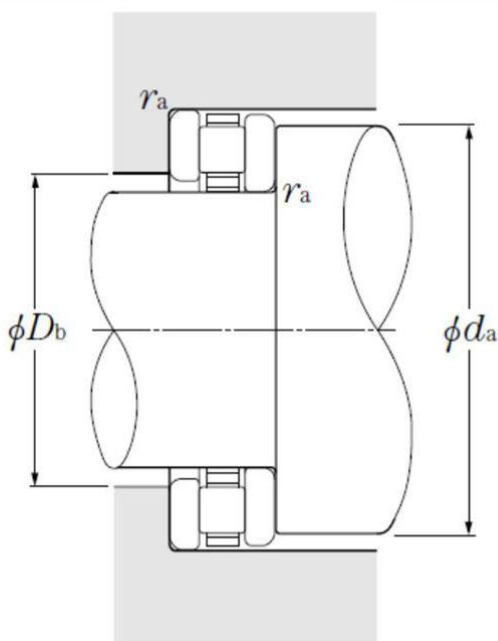
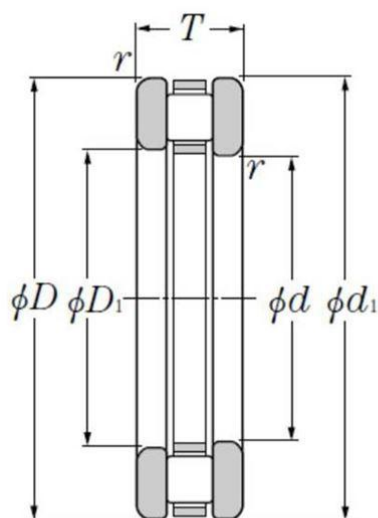
81218J

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	90 mm
D - Outside diameter of support washer OR - GS	135 mm
d1 - External diameter of support washer IR - WS	135 mm
D1 - Bore diameter bearing washer OR - GS	93 mm
T - Thrust bearing height	35 mm
Dw - Rolling element diameter	14 mm
Dc1 - Roller cage bore diameter	90 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	135 mm
rs - Min fillet radius	1,1 mm
Cage assembly reference	K81218J
Bearing ring (inner ring) WS	WS81218
Bearing ring (outer ring) GS	GS81218
Ea - Rollers reference outer diameter	126,7 mm
Eb - Rollers reference inner diameter	97,9 mm
Mass	1,82 kg
Cage assembly mass	0,54 kg
Bearing ring (inner ring) WS mass	0,64 kg
Bearing ring (outer ring) GS mass	0,64 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	213000000 mN
C0a - Static axial load rating	680000000 mN
Cua - Limit axial load rating	80000000 mN
N lim - Grease lubrication limit speed	3180 °/s
N lim - Oil lubrication limit speed	12600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	126 mm
Db max - Max OR shoulder diameter	97 mm
ras max - Max shaft & housing fillet radius	1 mm

