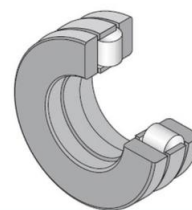


Technical data

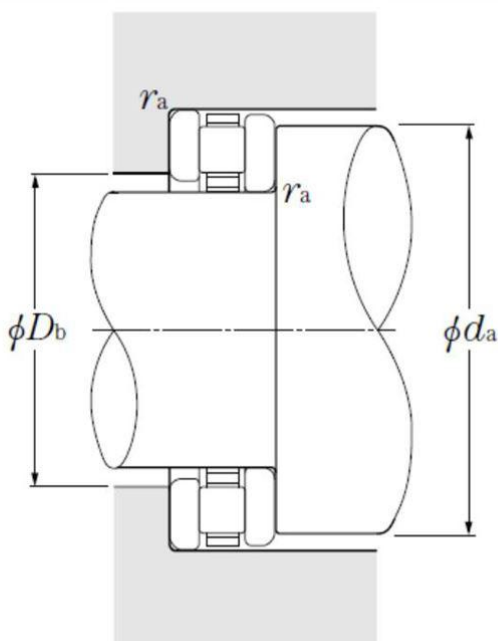
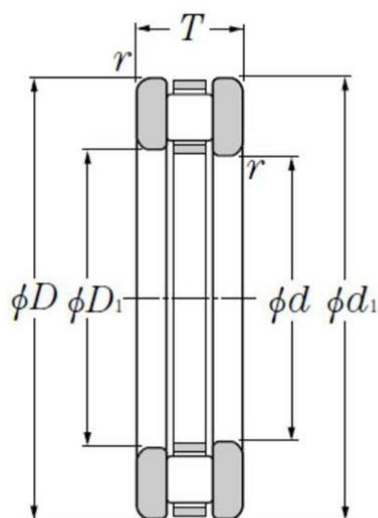
81132

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	160 mm
D - Outside diameter of support washer OR - GS	200 mm
d1 - External diameter of support washer IR - WS	198 mm
D1 - Bore diameter bearing washer OR - GS	162 mm
T - Thrust bearing height	31 mm
Dw - Rolling element diameter	12 mm
Dc1 - Roller cage bore diameter	160 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	200 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K81132
Bearing ring (inner ring) WS	WS81132
Bearing ring (outer ring) GS	GS81132
Ea - Rollers reference outer diameter	192,5 mm
Eb - Rollers reference inner diameter	167,8 mm
Mass	2,19 kg
Cage assembly mass	0,5 kg
Bearing ring (inner ring) WS mass	0,84 kg
Bearing ring (outer ring) GS mass	0,84 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	221000000 mN
C0a - Static axial load rating	930000000 mN
Cua - Limit axial load rating	95000000 mN
N lim - Grease lubrication limit speed	1980 °/s
N lim - Oil lubrication limit speed	7800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	192 mm
Db max - Max OR shoulder diameter	167 mm
ras max - Max shaft & housing fillet radius	1 mm

