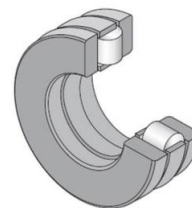


Technical data

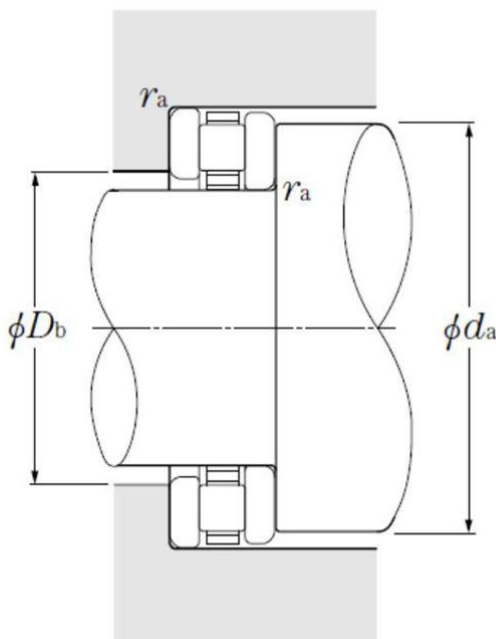
81214T2

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	70 mm
D - Outside diameter of support washer OR - GS	105 mm
d1 - External diameter of support washer IR - WS	105 mm
D1 - Bore diameter bearing washer OR - GS	72 mm
T - Thrust bearing height	27 mm
Dw - Rolling element diameter	11 mm
Dc1 - Roller cage bore diameter	70 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	105 mm
rs - Min fillet radius	1 mm
Cage assembly reference	K81214T2
Bearing ring (inner ring) WS	WS81214
Bearing ring (outer ring) GS	GS81214
Ea - Rollers reference outer diameter	98,4 mm
Eb - Rollers reference inner diameter	75 mm
Mass	0,815 kg
Cage assembly mass	0,225 kg
Bearing ring (inner ring) WS mass	0,295 kg
Bearing ring (outer ring) GS mass	0,295 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	134 kN
C0a - Static axial load rating	410 kN
Cua - Limit axial load rating	50 kN
N lim - Grease lubrication limit speed	680 tr/min
N lim - Oil lubrication limit speed	2700 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	98 mm
Db max - Max OR shoulder diameter	76 mm
ras max - Max shaft & housing fillet radius	1 mm



81214T2

Complete thrust bearing

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	81214T2
Image	NRB811_1.jpg, NRB811_3.jpg
Rolling element material	Acier 100Cr6



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