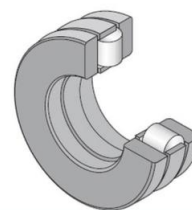


Technical data

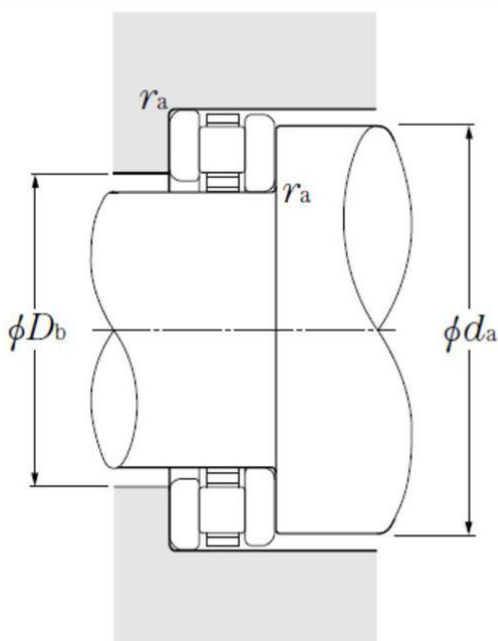
81220

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	100 mm
D - Outside diameter of support washer OR - GS	150 mm
d1 - External diameter of support washer IR - WS	150 mm
D1 - Bore diameter bearing washer OR - GS	103 mm
T - Thrust bearing height	38 mm
Dw - Rolling element diameter	15 mm
Dc1 - Roller cage bore diameter	100 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	150 mm
rs - Min fillet radius	1,1 mm
Cage assembly reference	K81220
Bearing ring (inner ring) WS	WS81220
Bearing ring (outer ring) GS	GS81220
Ea - Rollers reference outer diameter	140 mm
Eb - Rollers reference inner diameter	109,2 mm
Mass	2,24 kg
Cage assembly mass	0,62 kg
Bearing ring (inner ring) WS mass	0,81 kg
Bearing ring (outer ring) GS mass	0,81 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	243000000 mN
C0a - Static axial load rating	795000000 mN
Cua - Limit axial load rating	91000000 mN
N lim - Grease lubrication limit speed	2880 °/s
N lim - Oil lubrication limit speed	11400 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	139 mm
Db max - Max OR shoulder diameter	109 mm
ras max - Max shaft & housing fillet radius	1 mm



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