

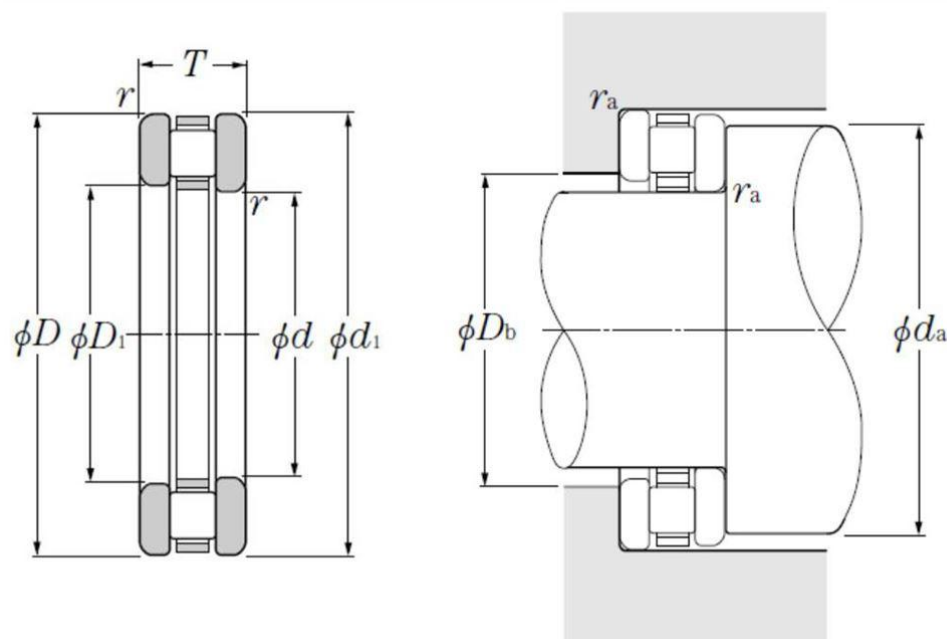
Technical data

81106T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 811 series

VISUAL (S)



PRODUCT DIMENSIONS

Bore diameter of support washer IR - WS (d)	30 mm
Outside diameter of support washer OR - GS (D)	47 mm
External diameter of support washer IR - WS (d1)	47 mm
Bore diameter bearing washer OR - GS (D1)	32 mm
Thrust bearing height (T)	11 mm
Roller cage bore diameter (Dc1)	30 mm
Roller cage outer diameter (Dc)	47 mm
Min fillet radius rs	0,6 mm
Cage assembly reference	K81106T2
Bearing ring (inner ring) WS	WS81106
Bearing ring (outer ring) GS	GS81106

PRODUCT DIMENSIONS

Rollers reference outer diameter (Ea)	43,9 mm
Rollers reference inner diameter (Eb)	33,1 mm
Mass	0,07 kg
Cage assembly mass	0,02 kg
Bearing ring (inner ring) WS mass	0,025 kg
Bearing ring (outer ring) GS mass	0,025 kg
Brand	NTN

PRODUCT PERFORMANCE

Dynamic axial load rating (Ca)	27,8 kN
Static axial load rating (C0a)	72,5 kN
Limit axial load rating (Cua)	8,85 kN
Nlim (grease)	1500 tr/min
Nlim (oil)	6000 tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	7.7 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPF1	7.5 Hz

ABUTMENT

Min shoulder diameter IR da min	44 mm
Max OR shoulder diameter (Db max)	33 mm
Max shaft & housing fillet radius (ras max)	0,6 mm