



Technical data

4T-365/362

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

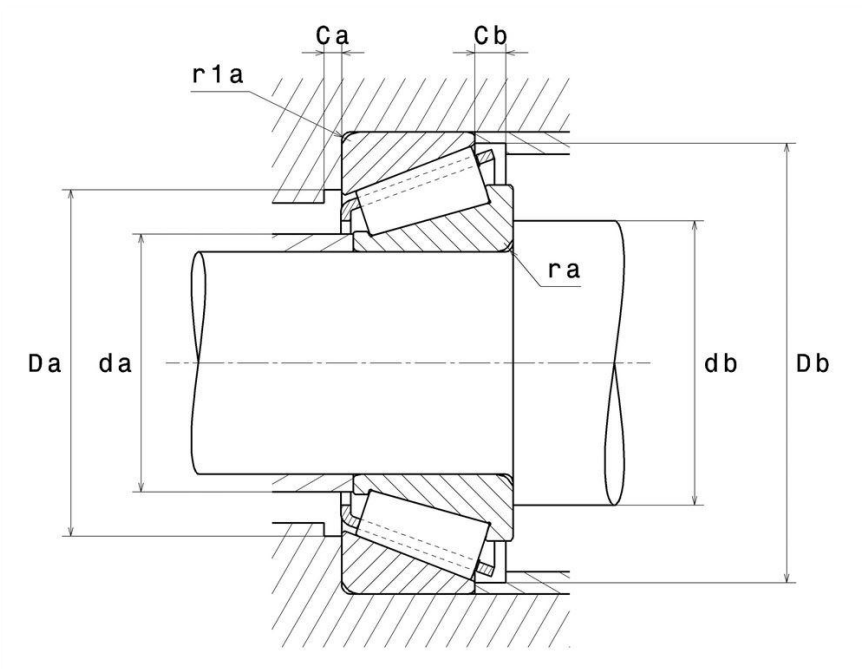
4T-365, 4T-362

VISUAL (S)



4T-365/362

Single row tapered roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	88,9 mm
B - Bearing/Inner ring width	22,225 mm
C - Outer ring width	16,513 mm
T - Total width	20,638 mm
d1 - External diameter inner ring	67 mm
a - Charge load application point	16,638 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	1,3 mm
Mass	0,53 kg

PRODUCT PERFORMANCE

C - Dynamic load	85 kN
------------------	-------



4T-365/362

Single row tapered roller bearings

PRODUCT PERFORMANCE

C0 - Static load	90,5 kN
Cu - Fatigue limit load	11 kN
A2 - Rating life coefficient	1
e - Coefficient	0.32
Y0 - Static axial load coefficient	1.03
Y2 - Upper axial load coefficient	1.88
N lim - Oil lubrication limit speed	5500 tr/min
N lim - Grease lubrication limit speed	4100 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da max - Max shoulder diameter IR	55 mm
db min - Min IR shoulder diameter	58 mm
Da max - Max shoulder diameter OR	81 mm
Db min - Min OR shoulder diameter	84 mm
ra max - Max fillet radius	2 mm
r1a - Max fillet radius	1,3 mm

KIT COMPONENT

Cone designation	4T-365
Cup designation	4T-362

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	4T-365/362



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

4T-365/362

Single row tapered roller bearings

ESHOPDONOTDISPLAY

Image	TRB_1.jpg, TRB_2.jpg, TRB_3.jpg
ULTAGE	Non/No
Rolling element material	Acier de cémentation

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = X.F_r + Y.F_a$$

$F_a / F_r \leq e$		$F_a / F_r > e$	
X	Y	X	Y
1	0	0.4	Y ₂

Equivalent static radial load

$$P_0 = X_0.F_r + Y_0.F_a$$

X_0	Y_0
0.5	Y ₀

If $P_0 \leq F_r$, then use $P_0 = F_r$

The values for e, Y₂ and Y₀ are shown in the above table



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