

Technical data

4T-368A/362A

Single row tapered roller bearings



Tapered roller bearing, pressed steel cage

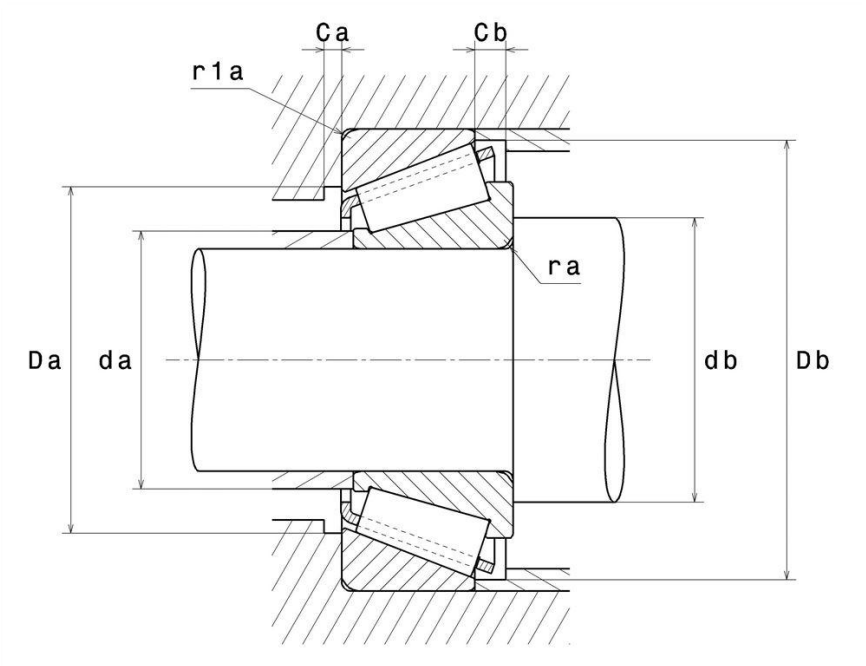
KIT CONTENT

4T-368A, 4T-362A

VISUAL (S)



4T-368A/362A
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PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	50,8 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	3,5 mm
r1s - Min fillet radius	1,3 mm
Mass	0,516 kg

PRODUCT PERFORMANCE	
C - Dynamic load	85 kN

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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	56 mm
db min - Min IR shoulder diameter	62 mm
Da max - Max shoulder diameter OR	81 mm
Db min - Min OR shoulder diameter	84 mm
ra max - Max fillet radius	3,5 mm
r1a - Max fillet radius	1,3 mm

KIT COMPONENT	
Cone designation	4T-368A
Cup designation	4T-362A

ESHOPDONOTDISPLAY	
Tracepart	Oui/Yes
Reference	4T-368A/362A



NTN Europe

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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	Y2

Equivalent static radial load

$P_0 = X_0.F_r + Y_0.F_a$

X_0	Y_0
0.5	Y0

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

