Technical data

4T-17118/17244

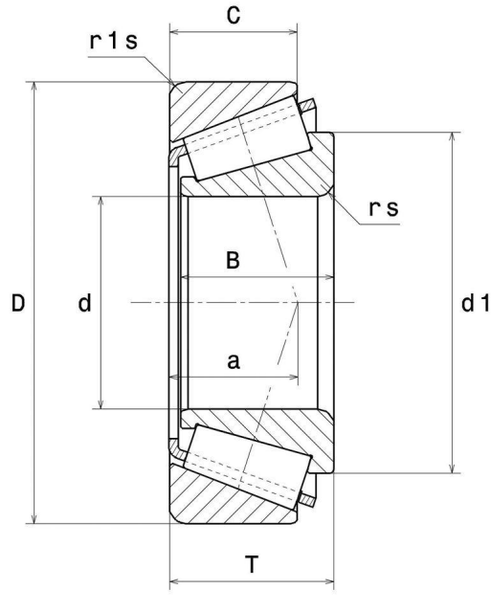
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

4T-17244, 4T-17118

VISUAL (S)



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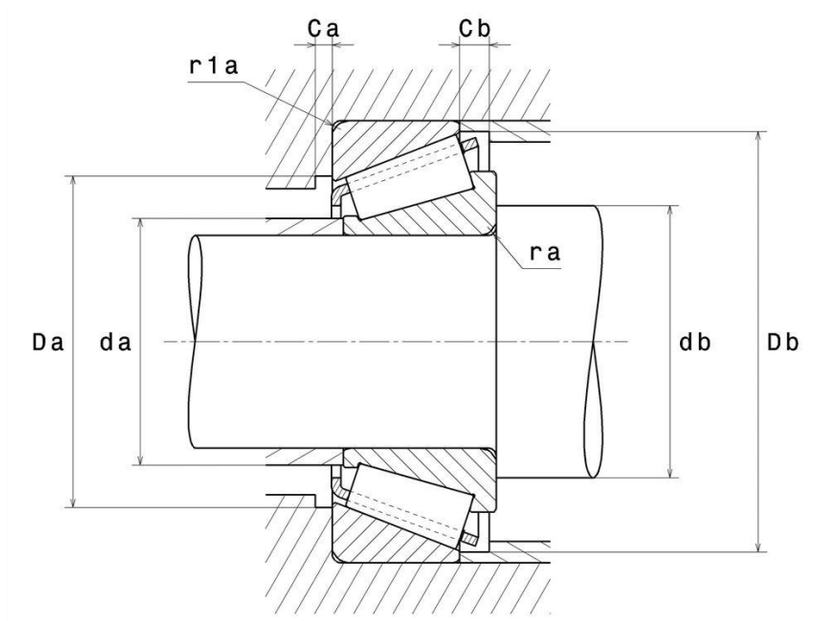
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

4T-17118/17244

Single row tapered roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	29,987 mm
D - External diameter	62 mm
B - Bearing/Inner ring width	16,566 mm
C - Outer ring width	14,288 mm
T - Total width	16,002 mm
d1 - External diameter inner ring	44,5 mm
a - Charge load application point	12,702 mm
rs - Min fillet radius	1,5 mm
r1s - Min fillet radius	1,5 mm
Mass	0,228 kg

PRODUCT PERFORMANCE	
C - Dynamic load	43 kN

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PRODUCT PERFORMANCE	
C0 - Static load	42 kN
Cu - Fatigue limit load	5,1 kN
A2 - Rating life coefficient	1
e - Coefficient	0.38
Y0 - Static axial load coefficient	0.86
Y2 - Upper axial load coefficient	1.57
N lim - Oil lubrication limit speed	8400 tr/min
N lim - Grease lubrication limit speed	6300 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT	
da max - Max shoulder diameter IR	34,5 mm
db min - Min IR shoulder diameter	37 mm
Da max - Max shoulder diameter OR	54 mm
Db min - Min OR shoulder diameter	57 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1,5 mm

KIT COMPONENT	
Cone designation	4T-17118
Cup designation	4T-17244

ESHOPDONOTDISPLAY	
Tracepart	Oui/Yes
Reference	4T-17118/17244

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

$P = X.Fr + Y.Fa$

$Fa / Fr \leq e$		$Fa / Fr > e$	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

$Po = Xo.Fr + Yo.Fa$

X_0	Y_0
0.5	Y0

If $Po < Fr$, then use $Po = Fr$

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