



Technical data

4T-15117/15245

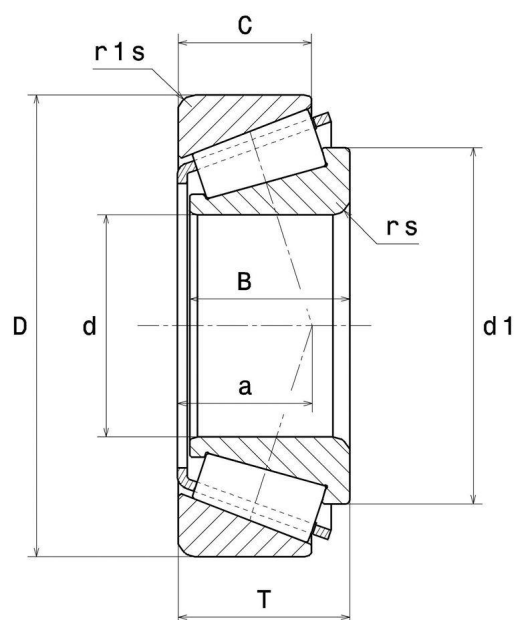
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

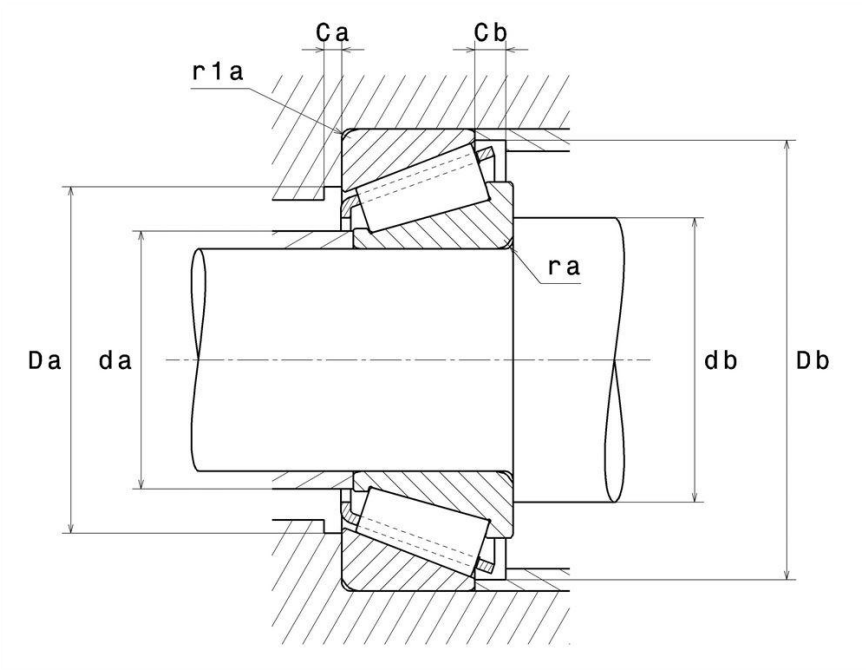
KIT CONTENT

4T-15117, 4T-15245

VISUAL (S)



4T-15117/15245
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	20,638 mm
C - Outer ring width	14,288 mm
T - Total width	19,05 mm
d1 - External diameter inner ring	46 mm
a - Charge load application point	13,05 mm
rs - Min fillet radius	1,3 mm
r1s - Min fillet radius	1,3 mm
Mass	0,269 kg

PRODUCT PERFORMANCE	
C - Dynamic load	52 kN

PRODUCT PERFORMANCE

C0 - Static load	54 kN
Cu - Fatigue limit load	6,6 kN
A2 - Rating life coefficient	1
e - Coefficient	0.35
Y0 - Static axial load coefficient	0.94
Y2 - Upper axial load coefficient	1.71
N lim - Oil lubrication limit speed	8200 tr/min
N lim - Grease lubrication limit speed	6100 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da max - Max shoulder diameter IR	35 mm
db min - Min IR shoulder diameter	36,5 mm
Da max - Max shoulder diameter OR	55 mm
Db min - Min OR shoulder diameter	58 mm
ra max - Max fillet radius	1,3 mm
r1a - Max fillet radius	1,3 mm

KIT COMPONENT

Cone designation	4T-15117
Cup designation	4T-15245

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	4T-15117/15245



4T-15117/15245

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	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



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