



Technical data

4T-26882/26822

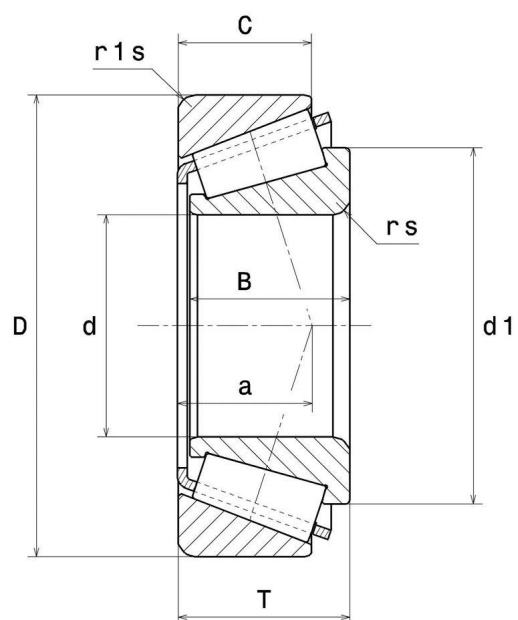
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

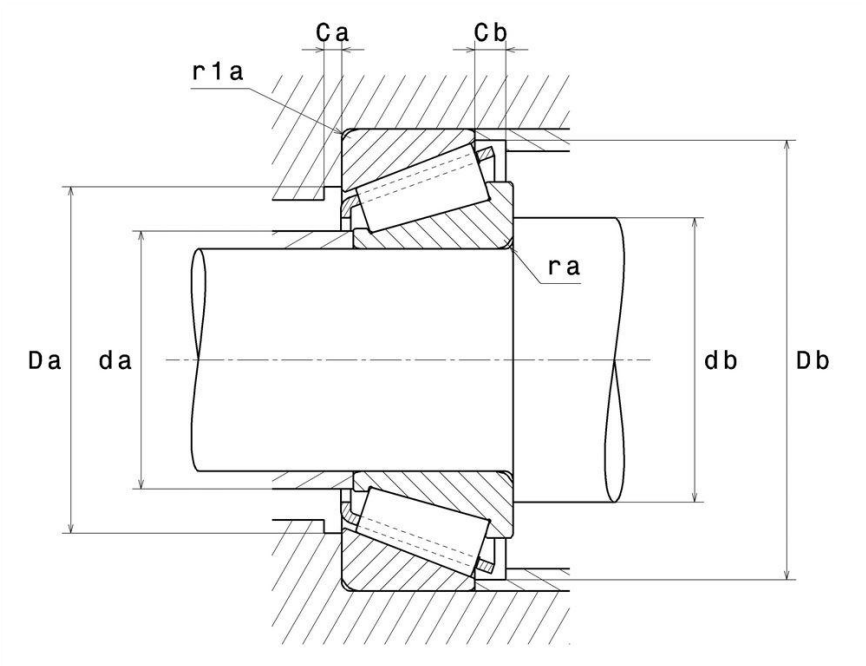
4T-26822, 4T-26882

VISUAL (S)



4T-26882/26822

Single row tapered roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	41,275 mm
D - External diameter	79,375 mm
B - Bearing/Inner ring width	25,4 mm
C - Outer ring width	19,05 mm
T - Total width	23,812 mm
d1 - External diameter inner ring	59,5 mm
a - Charge load application point	16,412 mm
rs - Min fillet radius	3,5 mm
r1s - Min fillet radius	0,8 mm
Mass	0,531 kg

PRODUCT PERFORMANCE

C - Dynamic load	85 kN
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PRODUCT PERFORMANCE

C0 - Static load	97,5 kN
Cu - Fatigue limit load	11,9 kN
A2 - Rating life coefficient	1
e - Coefficient	0.32
Y0 - Static axial load coefficient	1.04
Y2 - Upper axial load coefficient	1.88
N lim - Oil lubrication limit speed	6400 tr/min
N lim - Grease lubrication limit speed	4800 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da max - Max shoulder diameter IR	47 mm
db min - Min IR shoulder diameter	54 mm
Da max - Max shoulder diameter OR	71 mm
Db min - Min OR shoulder diameter	74 mm
ra max - Max fillet radius	3,5 mm
r1a - Max fillet radius	0,8 mm

KIT COMPONENT

Cone designation	4T-26882
Cup designation	4T-26822

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	4T-26882/26822



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

