



Technical data

4T-41125/41286

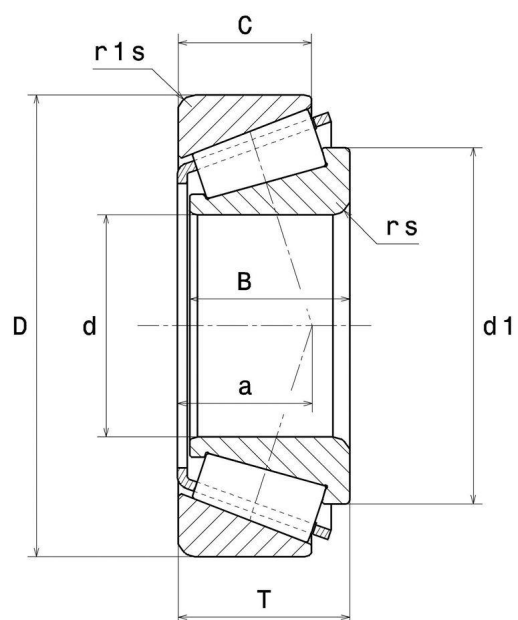
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

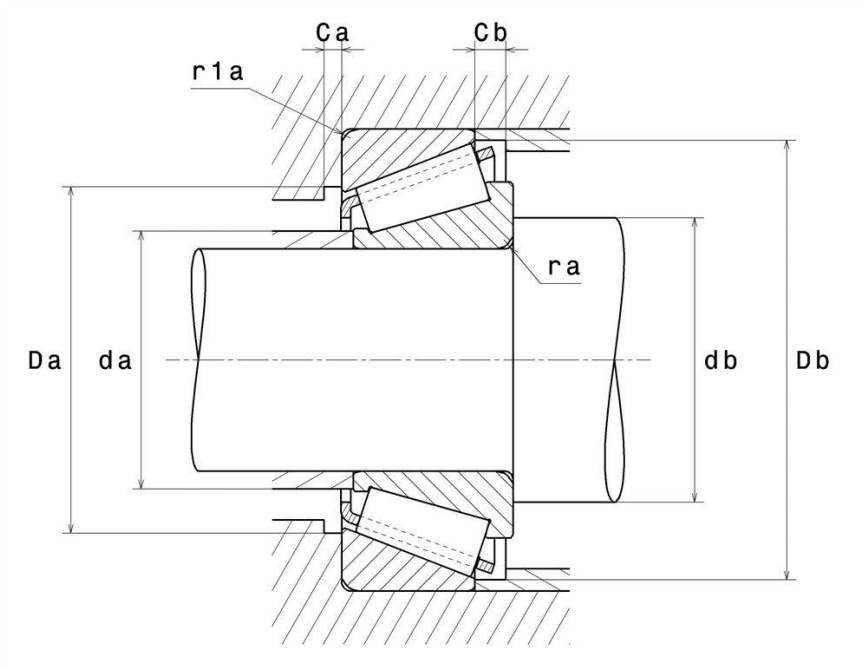
KIT CONTENT

4T-41286, 4T-41125

VISUAL (S)



4T-41125/41286
Single row tapered roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	28,575 mm
D - External diameter	72,626 mm
B - Bearing/Inner ring width	24,257 mm
C - Outer ring width	17,462 mm
T - Total width	24,608 mm
d1 - External diameter inner ring	49 mm
a - Charge load application point	20,908 mm
Mass	0,475 kg

PRODUCT PERFORMANCE

C - Dynamic load	64500000 mN
C0 - Static load	55500000 mN
Cu - Fatigue limit load	6800000 mN



PRODUCT PERFORMANCE

A2 - Rating life coefficient	1
e - Coefficient	0.6
Y0 - Static axial load coefficient	0.55
Y2 - Upper axial load coefficient	1
N lim - Oil lubrication limit speed	46200 °/s
N lim - Grease lubrication limit speed	34800 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da max - Max shoulder diameter IR	36,5 mm
db min - Min IR shoulder diameter	48 mm
Da max - Max shoulder diameter OR	61 mm
Db min - Min OR shoulder diameter	68 mm
ra max - Max fillet radius	4,8 mm
r1a - Max fillet radius	1,5 mm



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

