



Technical data

4T-18690/18620

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

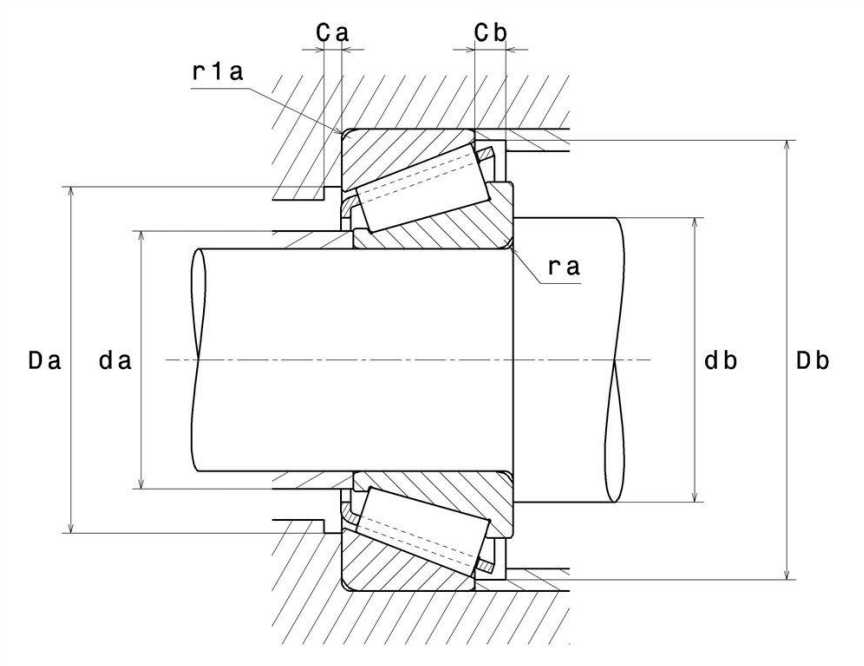
KIT CONTENT

4T-18690, 4T-18620

VISUAL (S)



4T-18690/18620
Single row tapered roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	46,038 mm
D - External diameter	79,375 mm
B - Bearing/Inner ring width	17,462 mm
C - Outer ring width	13,495 mm
T - Total width	17,462 mm
d1 - External diameter inner ring	61 mm
a - Charge load application point	15,262 mm
Mass	0,331 kg

PRODUCT PERFORMANCE	
C - Dynamic load	50,5 kN
C0 - Static load	56 kN
Cu - Fatigue limit load	6,8 kN



4T-18690/18620

Single row tapered roller bearings

PRODUCT PERFORMANCE

A2 - Rating life coefficient	1
e - Coefficient	0.37
Y0 - Static axial load coefficient	0.88
Y2 - Upper axial load coefficient	1.6
N lim - Oil lubrication limit speed	6200 tr/min
N lim - Grease lubrication limit speed	4600 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da max - Max shoulder diameter IR	51 mm
db min - Min IR shoulder diameter	56 mm
Da max - Max shoulder diameter OR	71 mm
Db min - Min OR shoulder diameter	74 mm
ra max - Max fillet radius	2,8 mm
r1a - Max fillet radius	1,5 mm

KIT COMPONENT

Cone designation	4T-18690
Cup designation	4T-18620

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	4T-18690/18620
Image	TRB_1.jpg, TRB_2.jpg, TRB_3.jpg
ULTAGE	Non/No



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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ESHOPDONOTDISPLAY

Rolling element material

Acier de cémentation

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.F_r + Y.F_a$

Fa / Fr ≤ e		Fa / Fr > e	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

$P_o = X_o.F_r + Y_o.F_a$

X _o	Y _o
0.5	Y0

If $P_o \leq F_r$, then use $P_o = F_r$

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

