Technical data

4T-LM11749/LM11710

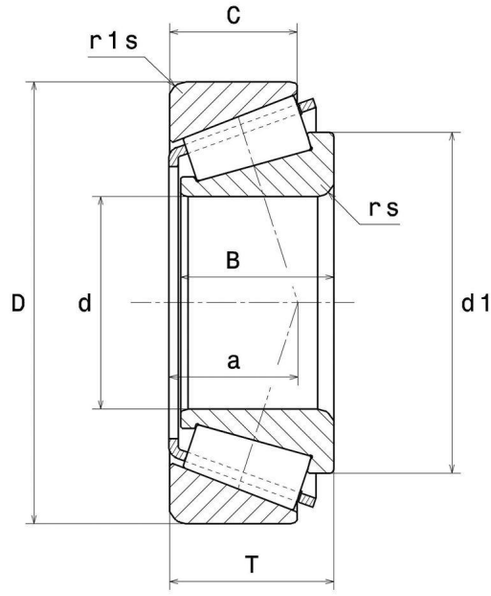
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

4T-LM11749, 4T-LM11710

VISUAL (S)



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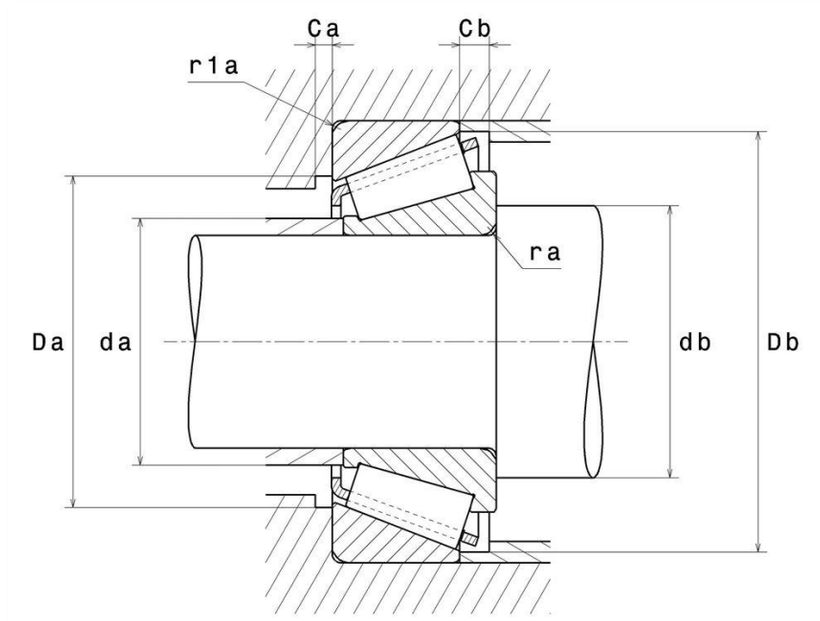
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

4T-LM11749/LM11710

Single row tapered roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	17,462 mm
D - External diameter	39,878 mm
B - Bearing/Inner ring width	14,605 mm
C - Outer ring width	10,668 mm
T - Total width	13,843 mm
d1 - External diameter inner ring	28,5 mm
a - Charge load application point	8,543 mm
Mass	0,084 kg

PRODUCT PERFORMANCE	
C - Dynamic load	26,4 kN
C0 - Static load	24,2 kN
Cu - Fatigue limit load	2,95 kN

PRODUCT PERFORMANCE	
A2 - Rating life coefficient	1
e - Coefficient	0.29
Y0 - Static axial load coefficient	1.15
Y2 - Upper axial load coefficient	2.1
N lim - Oil lubrication limit speed	13000 tr/min
N lim - Grease lubrication limit speed	10000 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT	
da max - Max shoulder diameter IR	21,5 mm
db min - Min IR shoulder diameter	23 mm
Da max - Max shoulder diameter OR	34 mm
Db min - Min OR shoulder diameter	37 mm
ra max - Max fillet radius	1,3 mm
r1a - Max fillet radius	1,3 mm

KIT COMPONENT	
Cone designation	4T-LM11749
Cup designation	4T-LM11710

ESHOPDONOTDISPLAY	
Tracepart	Oui/Yes
Reference	4T-LM11749/LM11710
Image	TRB_1.jpg, TRB_2.jpg, TRB_3.jpg
ULTAGE	Non/No

ESHOPDONOTDISPLAY

Rolling element material	Acier de cémentation

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

Fa / Fr ≤ 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