



Technical data

4T-11162/11300

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

4T-11162, 4T-11300

VISUAL (S)



4T-11162/11300
Single row tapered roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	41,275 mm
D - External diameter	76,2 mm
B - Bearing/Inner ring width	17,384 mm
C - Outer ring width	14,288 mm
T - Total width	18,009 mm
d1 - External diameter inner ring	58,5 mm
a - Charge load application point	17,309 mm
Mass	0,337 kg

PRODUCT PERFORMANCE	
C - Dynamic load	47 kN
C0 - Static load	51,5 kN
Cu - Fatigue limit load	6,3 kN

PRODUCT PERFORMANCE

A2 - Rating life coefficient	1
e - Coefficient	0.49
Y0 - Static axial load coefficient	0.68
Y2 - Upper axial load coefficient	1.23
N lim - Oil lubrication limit speed	6500 tr/min
N lim - Grease lubrication limit speed	4900 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da max - Max shoulder diameter IR	46,5 mm
db min - Min IR shoulder diameter	49 mm
Da max - Max shoulder diameter OR	67 mm
Db min - Min OR shoulder diameter	71 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1,5 mm

KIT COMPONENT

Cone designation	4T-11162
Cup designation	4T-11300

ESHOPDONOTDISPLAY

Tracepart	Oui/Yes
Reference	4T-11162/11300
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

$$Po = Xo.Fr + Yo.Fa$$

Xo	Yo
0.5	Y0

If $Po \leq Fr$, then use $Po = Fr$

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

