Technical data

4T-LM67048/LM67010

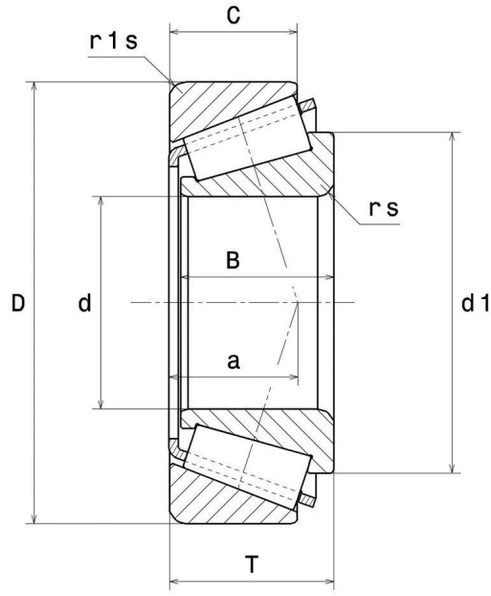
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

KIT CONTENT

4T-LM67010, 4T-LM67048

VISUAL (S)



NTN Europe
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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

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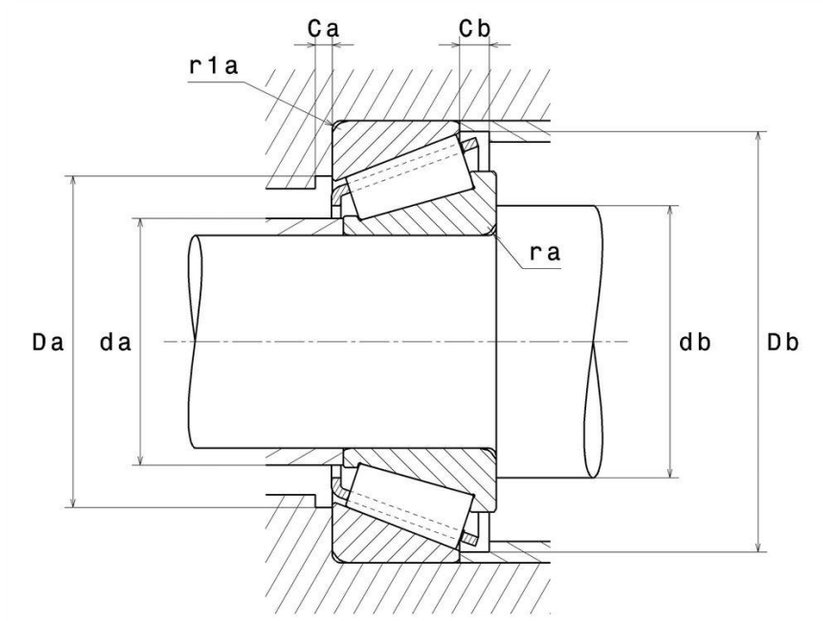

PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	31,75 mm
D - External diameter	59,131 mm
B - Bearing/Inner ring width	16,764 mm
C - Outer ring width	11,811 mm
T - Total width	15,875 mm
d1 - External diameter inner ring	45,5 mm
a - Charge load application point	13,075 mm
Mass	0,183 kg

PRODUCT PERFORMANCE	
C - Dynamic load	38,5 kN
C0 - Static load	41 kN
Cu - Fatigue limit load	5 kN

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PRODUCT PERFORMANCE	
A2 - Rating life coefficient	1
e - Coefficient	0.41
Y0 - Static axial load coefficient	0.8
Y2 - Upper axial load coefficient	1.46
N lim - Oil lubrication limit speed	8400 tr/min
N lim - Grease lubrication limit speed	6300 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT	
da max - Max shoulder diameter IR	36 mm
db min - Min IR shoulder diameter	42,5 mm
Da max - Max shoulder diameter OR	52 mm
Db min - Min OR shoulder diameter	56 mm
ra max - Max fillet radius	3,94 mm
r1a - Max fillet radius	1,3 mm

OE EQUIVALENTS	
Manufacturer	**Part number**
Mazda	1243-33-047
Nissan	40210-A0100

AUTOMOTIVE COMPATIBILITY					
Brand	**Model**	**Generation**	**Date**	**Location**	**Position**
Mazda	RX-5	RX-5	10/1975 => 10/1978	Droit,Gauche	Front
Nissan	180B	180B	04/1980 => 03/1984	Droit,Gauche	Train avant

AUTOMOTIVE COMPATIBILITY					
Brand	**Model**	**Generation**	**Date**	**Location**	**Position**
Nissan	300ZX	300ZX	02/1987 => 01/1989	Droit,Gauche	Front
Nissan	300ZX	300ZX I	02/1984 => 01/1989	Droit	Front
Nissan	300ZX	300ZX I	02/1984 => 01/1989	Droit	Train avant
Nissan	BLUEBIRD	BLUEBIRD	04/1980 => 03/1984	Droit,Gauche	Front
Nissan	BLUEBIRD	BLUEBIRD	04/1980 => 03/1984	Right,Left	Front
Nissan	BLUEBIRD	BLUEBIRD	04/1980 => 03/1984	Droit,Gauche	Train avant
Nissan	LAUREL	LAUREL II	01/1985 => 06/1990	Droit	Front
Nissan	SILVIA	SILVIA	07/1981 => 08/1988	Left,Right	Front
Nissan	SILVIA	SILVIA II	10/1983 => 08/1988	Droit	Front
Nissan	VANETTE	VANETTE	06/1981 => 11/1994	Droit,Gauche	Front
Nissan	VANETTE	VANETTE	09/1986 => 11/1994	Left,Right	Front
Nissan	VANETTE	VANETTE I	09/1986 => 11/1994	Droit	Front
Nissan	VANETTE	VANETTE I	09/1986 => 11/1994	Droit	Train avant

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