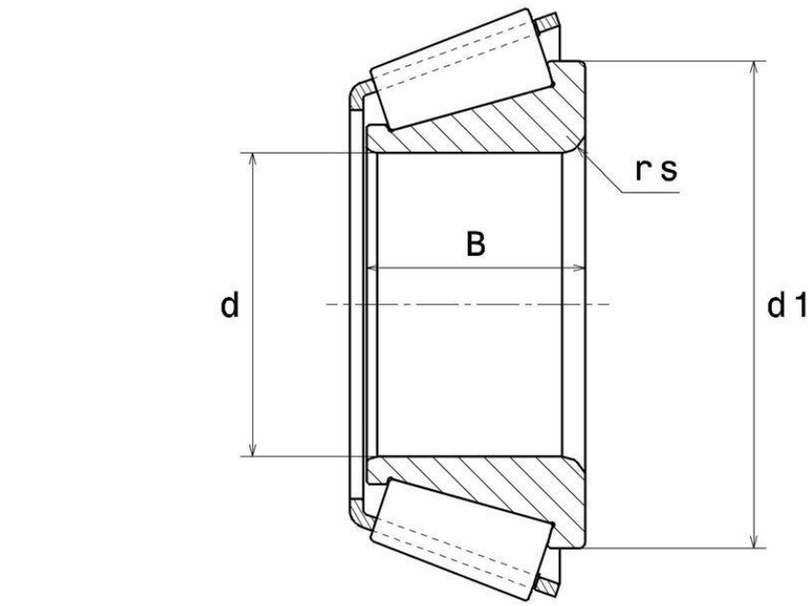
Technical data

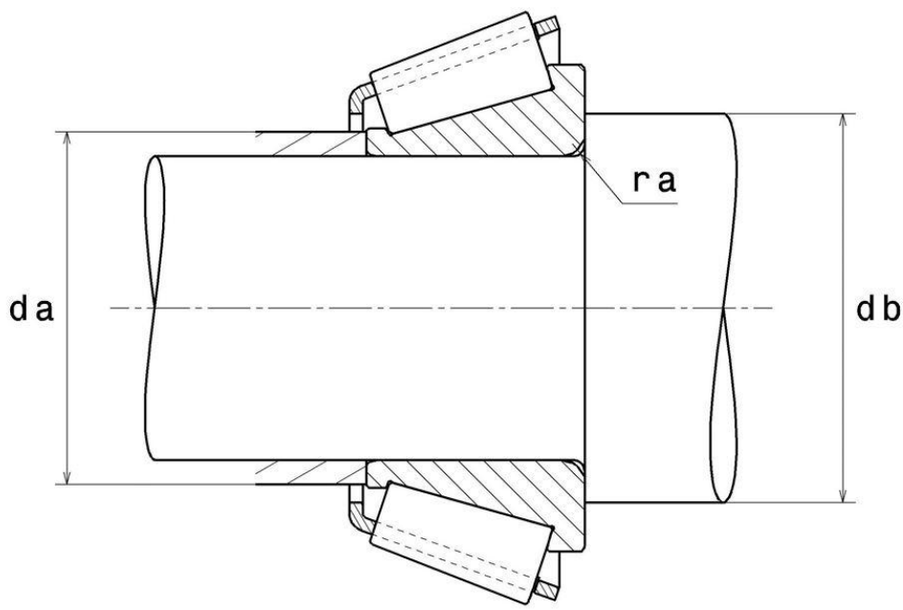
4T-M86649

Single row tapered roller bearings

Mounted cone, pressed steel cage

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-M86649
Single row tapered roller bearings

PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	30,162 mm
B - Bearing/Inner ring width	21,433 mm
d1 - External diameter inner ring	50 mm

PRODUCT PERFORMANCE	
C - Dynamic load	57500000 mN
C0 - Static load	64500000 mN
A2 - Rating life coefficient	1
e - Coefficient	0.55
Y0 - Static axial load coefficient	0.6
Y2 - Upper axial load coefficient	1.1

ABUTMENT	
da max - Max shoulder diameter IR	38 mm
db min - Min IR shoulder diameter	41 mm
ra max - Max fillet radius	1,5 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

$Fa / Fr \leq e$		$Fa / Fr > e$	
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

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