

Technical data

4T-45220

Single row tapered roller bearings



Cup

VISUAL (S)



4T-45220

Single row tapered roller bearings

PRODUCT DEFINITION

Brand	NTN
D - External diameter	104,775 mm
C - Outer ring width	23,812 mm

PRODUCT PERFORMANCE

A2 - Rating life coefficient	1
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ABUTMENT

Da max - Max shoulder diameter OR	93 mm
Db min - Min OR shoulder diameter	99 mm
r1a - Max fillet radius	3,3 mm



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

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.F_r + Y.F_a$

$F_a / F_r \leq e$		$F_a / F_r > e$	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

$P_0 = X_0.F_r + Y_0.F_a$

X_0	Y_0
0.5	Y0

If $P_0 \leq F_r$, then use $P_0 = F_r$

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

