

Technical data

4T-JLM813010

Single row tapered roller bearings



Cup

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
D - External diameter	110 mm
C - Outer ring width	20,5 mm

PRODUCT PERFORMANCE

A2 - Rating life coefficient	1
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ABUTMENT

Da max - Max shoulder diameter OR	98 mm
Db min - Min OR shoulder diameter	105 mm
r1a - Max fillet radius	2,5 mm



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

