



Technical data

4T-JM720249

Single row tapered roller bearings

Mounted cone, pressed steel cage

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	100 mm
B - Bearing/Inner ring width	35 mm
d1 - External diameter inner ring	129 mm

PRODUCT PERFORMANCE

C - Dynamic load	213000000 mN
C0 - Static load	310000000 mN
A2 - Rating life coefficient	1
e - Coefficient	0.47
Y0 - Static axial load coefficient	0.7
Y2 - Upper axial load coefficient	1.27

ABUTMENT

da max - Max shoulder diameter IR	109 mm
db min - Min IR shoulder diameter	115 mm
ra max - Max fillet radius	3 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

