

NTN NK42/20R needle roller bearings

With over 10170 full-service stores, 12 mm B our NTN NK42/20R needle roller bearings inventory is extensive and our parts are 50 mm d priced right. within 24 hours. This helps 72 mm D you maximize your productivity by saving time and your hard-earned dollars.

d	50 mm
D	72 mm
B	12 mm
d1	57.1 mm
d2	57.1 mm
D2	67.12 mm
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
a	20.3 mm
da min.	53.2 mm
da max.	56.6 mm
db min.	53.2 mm
db max.	56.6 mm
Da max.	68.8 mm
Db max.	70.6 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C0	9.8 kN
Fatigue load limit Pu	0.415 kN

Attainable speed for grease lubrication	16000 r/min
Ball diameter D_w	6.35 mm
Number of balls z	25
Preload class A GA	80 N
Static axial stiffness, preload class A	105 N/ μm
Preload class B GB	160 N
Static axial stiffness, preload class B	137 N/ μm
Preload class C GC	320 N
Static axial stiffness, preload class C	180 N/ μm
Preload class D GD	640 N
Static axial stiffness, preload class D	240 N/ μm
Calculation factor f	1.13
Calculation factor f_1	0.98
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.08
Calculation factor f_{2D}	1.14
Calculation factor f_{HC}	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y_2	0.87
Calculation factor (back-to-back, face-to-face) Y_1	0.92
Calculation factor (back-to-back, face-to-face) Y_2	1.41
Mass bearing	0.14 kg