

NTN K28×32×17 needle roller bearings

NTN K28×32×17 needle roller bearings Product Brochures , 80 Outer Diameter (mm) 100 Bore Diameter (mm) Manufacturing Service . Get Your 100x80x10 Size (mm) Free.

Size (mm)	100x80x10
Bore Diameter (mm)	100
Outer Diameter (mm)	80
Width (mm)	10
d	80 mm
D	100 mm
B	10 mm
d1	86.7 mm
d2	86.7 mm
D1	93.5 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	17.1 mm
da – min.	83.2 mm
db – min.	83.2 mm
Da – max.	96.8 mm
Db – max.	98 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	87.4 mm
Basic dynamic load rating – C	14.6 kN
Basic static load rating – C0	18.3 kN

Fatigue load limit – Pu	0.765 kN
Limiting speed for grease lubrication	15000 r/min
Limiting speed for oil lubrication	22000 mm/min
Ball – Dw	5.556 mm
Ball – z	35
Gref	1.6 cm ³
Calculation factor – f ₀	17.4
Preload class A – GA	78 N
Preload class B – GB	235 N
Preload class C – GC	470 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.1
Calculation factor – f _{2C}	1.18
Calculation factor – f _{HC}	1.02
Preload class A	82 N/micron
Preload class B	143 N/micron
Preload class C	212 N/micron
r _{1,2} min.	0.6 mm
r _{3,4} min.	0.3 mm
d _a min.	83.2 mm
d _b min.	83.2 mm
D _a max.	96.8 mm
D _b max.	98 mm
r _a max.	0.6 mm
r _b max.	0.3 mm
Basic dynamic load rating C	14.6 kN
Basic static load rating C ₀	18.3 kN
Fatigue load limit Pu	0.765 kN

Attainable speed for grease lubrication	15000 r/min
Attainable speed for oil-air lubrication	22000 r/min
Ball diameter D_w	5.556 mm
Number of balls z	35
Reference grease quantity G_{ref}	1.6 cm ³
Preload class A G_A	78 N
Static axial stiffness, preload class A	82 N/ μ m
Preload class B G_B	235 N
Static axial stiffness, preload class B	143 N/ μ m
Preload class C G_C	470 N
Static axial stiffness, preload class C	212 N/ μ m
Calculation factor f	1.41
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.1
Calculation factor f_{2C}	1.18
Calculation factor f_{HC}	1.02
Calculation factor f_0	17.4
Mass bearing	0.14 kg