

NTN PK47.2X66.2X26.8 needle roller bearings

NTN PK47.2X66.2X26.8 needle roller bearings Manufacturers 80x55x13 Size (mm) , Online Wholesale Suppliers 80 Bore Diameter (mm) 55 Outer Diameter (mm) !

Size (mm)	80x55x13
Bore Diameter (mm)	80
Outer Diameter (mm)	55
Width (mm)	13
d	55 mm
D	80 mm
B	13 mm
d1	62.7 mm
d2	62.7 mm
D1	72.3 mm
b	2.2 mm
C1	6.5 mm
C2	3.2 mm
C3	2 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	22.4 mm
da – min.	59.6 mm
db – min.	59.6 mm
Da – max.	75.4 mm
Db – max.	78 mm
ra – max.	1 mm

rb – max.	0.3 mm
dn	64.7 mm
Basic dynamic load rating – C	18.2 kN
Basic static load rating – C0	13.7 kN
Fatigue load limit – Pu	0.585 kN
Limiting speed for grease lubrication	15000 r/min
Limiting speed for oil lubrication	24000 mm/min
Ball – Dw	7.938 mm
Ball – z	23
Gref	2.49 cm ³
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	120 N
Preload class B – GB	240 N
Preload class C – GC	480 N
Preload class D – GD	960 N
Calculation factor – f	1.15
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – f2D	1.14
Calculation factor – fHC	1
Preload class A	124 N/micron
Preload class B	161 N/micron
Preload class C	211 N/micron

Preload class D	282 N/micron
r _{1,2} min.	1 mm
r _{3,4} min.	0.3 mm
d _a min.	59.6 mm
d _b min.	59.6 mm
D _a max.	75.4 mm
D _b max.	78 mm
r _a max.	1 mm
r _b max.	0.3 mm
Basic dynamic load rating C	18.2 kN
Basic static load rating C ₀	13.7 kN
Fatigue load limit P _u	0.585 kN
Attainable speed for grease lubrication	15000 r/min
Attainable speed for oil-air lubrication	24000 r/min
Ball diameter D _w	7.938 mm
Number of balls z	23
Reference grease quantity G _{ref}	2.49 cm ³
Preload class A G _A	120 N
Static axial stiffness, preload class A	124 N/μm
Preload class B G _B	240 N
Static axial stiffness, preload class B	161 N/μm
Preload class C G _C	480 N
Static axial stiffness, preload class C	211 N/μm
Preload class D G _D	960 N
Static axial stiffness, preload class D	282 N/μm
Calculation factor f	1.15
Calculation factor f ₁	0.98
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.04

Calculation factor f2C	1.08
Calculation factor f2D	1.14
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.18 kg