

# NSK N1017RXTPKR cylindrical roller bearings

are a few 50 Outer Diameter (mm) brands you will find in our inventory. Find NSK N1017RXTPKR cylindrical roller bearings 72 Bore Diameter (mm) to 72x50x12 Size (mm) see what's in stock!

Size (mm)	72x50x12
Bore Diameter (mm)	72
Outer Diameter (mm)	50
Width (mm)	12
d	50 mm
D	72 mm
B	12 mm
d1	57.95 mm
d2	56.9 mm
D2	66.04 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	23.2 mm
da – min.	53.2 mm
db – min.	53.2 mm
Da – max.	68.8 mm
Db – max.	70 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	58.7 mm
Basic dynamic load rating – C	7.3 kN
Basic static load rating – C0	5.8 kN

Fatigue load limit – Pu	0.25 kN
Limiting speed for grease lubrication	28000 r/min
Limiting speed for oil lubrication	43000 mm/min
Ball – Dw	4.762 mm
Ball – z	29
Gref	1.89 cm <sup>3</sup>
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	43 N
Preload class B – GB	86 N
Preload class C – GC	260 N
Calculation factor – f	1.09
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.08
Calculation factor – fHC	1.01
Preload class A	89 N/micron
Preload class B	114 N/micron
Preload class C	172 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	53.2 mm
db min.	53.2 mm
Da max.	68.8 mm
Db max.	70 mm

ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	9.75 kN
Basic static load rating C0	9.65 kN
Fatigue load limit Pu	0.25 kN
Attainable speed for grease lubrication	28000 r/min
Attainable speed for oil-air lubrication	43000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	29
Reference grease quantity Gref	1.89 cm <sup>3</sup>
Preload class A GA	43 N
Static axial stiffness, preload class A	89 N/μm
Preload class B GB	86 N
Static axial stiffness, preload class B	114 N/μm
Preload class C GC	260 N
Static axial stiffness, preload class C	172 N/μm
Calculation factor f	1.09
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.08
Calculation factor fHC	1.01
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	0.13 kg