

NBS RPNA 30/47 needle roller bearings

Question NBS RPNA 30/47 needle roller bearings ? Find what you need 28x12x8 Size (mm) faster by entering your 12 Outer Diameter (mm) 28 Bore Diameter (mm) information .

Size (mm)	28x12x8
Bore Diameter (mm)	28
Outer Diameter (mm)	12
Width (mm)	8
d	12 mm
D	28 mm
B	8 mm
d1	17.1 mm
d2	17.1 mm
D2	25.5 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	8.7 mm
da – min.	14 mm
da – max.	16.7 mm
db – min.	14 mm
db – max.	16.7 mm
Da – max.	26 mm
Db – max.	26.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
Basic dynamic load rating – C	4.4 kN

Basic static load rating – C0	1.8 kN
Fatigue load limit – Pu	0.078 kN
Limiting speed for grease lubrication	70000 r/min
Ball – Dw	4.762 mm
Ball – z	10
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	25 N
Preload class B – GB	50 N
Preload class C – GC	100 N
Preload class D – GD	200 N
Calculation factor – f	1.03
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.08
Calculation factor – fHC	1.02
Preload class A	38 N/micron
Preload class B	49 N/micron
Preload class C	64 N/micron
Preload class D	84 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	14 mm
da max.	16.7 mm

db min.	14 mm
db max.	16.7 mm
Da max.	26 mm
Db max.	26.6 mm
ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	4.36 kN
Basic static load rating C0	1.83 kN
Fatigue load limit Pu	0.078 kN
Attainable speed for grease lubrication	70000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	10
Preload class A GA	25 N
Static axial stiffness, preload class A	38 N/ μ m
Preload class B GB	50 N
Static axial stiffness, preload class B	49 N/ μ m
Preload class C GC	100 N
Static axial stiffness, preload class C	64 N/ μ m
Preload class D GD	200 N
Static axial stiffness, preload class D	84 N/ μ m
Calculation factor f	1.03
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.08
Calculation factor fHC	1.02
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	0.018 kg