NTN RNA4912R needle roller bearings

NTN RNA4912R needle roller bearings Product Brochures , 30x17x7 Size (mm) 30 Bore Diameter (mm) Manufacturing Service . Get Your Free.

Size (mm)	30x17x7
Bore Diameter (mm)	30
Outer Diameter (mm)	17
Width (mm)	7
d	17 mm
D	30 mm
B	7 mm
d1	20.9 mm
d2	20.9 mm
D2	27.8 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	9 mm
da – min.	19 mm
da – max.	20.5 mm
db – min.	19 mm
db – max.	20.5 mm
Da – max.	28 mm
Db – max.	28.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
Basic dynamic load rating – C	4 kN

Basic static load rating – C0	2 kN
Fatigue load limit – Pu	0.085 kN
Limiting speed for grease lubrication	45000 r/min
Ball – Dw	3.969 mm
Ball – z	14
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	1.05
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	42 N/micron
Preload class B	54 N/micron
Preload class C	70 N/micron
Preload class D	93 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	19 mm
da max.	20.5 mm

db min.	19 mm
db max.	20.5 mm
Da max.	28 mm
Db max.	28.6 mm
ra max.	0.3 mm
rb max.	0.2 mm
Basic dynamic load rating C	3.97 kN
Basic static load rating C0	2 kN
Fatigue load limit Pu	0.085 kN
Attainable speed for grease lubrication	45000 r/min
Ball diameter Dw	3.969 mm
Number of balls z	14
Preload class A GA	25 N
Static axial stiffness, preload class A	42 N/µm
Preload class B GB	50 N
Static axial stiffness, preload class B	54 N/µm
Preload class C GC	100 N
Static axial stiffness, preload class C	70 N/µm
Preload class D GD	200 N
Static axial stiffness, preload class D	93 N/µm
Calculation factor f	1.05
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
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	0.017 kg