

# RHP NLJ1.1/4 self aligning ball bearings

100% Authentic. RHP NLJ1.1/4 self aligning ball bearings  
Highest 110x150x20 Size (mm) Quality. 110 Bore Diameter (mm)  
Certified Supplier. 150 Outer Diameter (mm)

Size (mm)	110x150x20
Bore Diameter (mm)	110
Outer Diameter (mm)	150
Width (mm)	20
d	110 mm
D	150 mm
B	20 mm
C	20 mm
d1	122.4 mm
d2	119 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	137.51 mm
D2	140,9 mm
da min.	116 mm
Da max.	144 mm
db min	113,2 mm
ra max.	1 mm
rb max.	0.6 mm
dh	125,4 mm

Db max	146,8 mm
Weight	0,83 Kg
Basic dynamic load rating (C)	37,7 kN
Basic static load rating (C0)	32,5 kN
(Grease) Lubrication Speed	10 300 r/min
(Oil) Lubrication Speed	16 000 r/min
Fatigue load limit (Pu)	1,18
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
a	42.7 mm
db min.	113.2 mm
Db max.	146.8 mm
dn	125.4 mm
Basic dynamic load rating C	37.7 kN
Basic static load rating C0	32.5 kN
Fatigue load limit Pu	1.18 kN
Attainable speed for grease lubrication	10300 r/min
Attainable speed for oil-air lubrication	16000 r/min
Ball diameter Dw	12.7 mm
Number of balls z	26
Reference grease quantity Gref	11 cm <sup>3</sup>
Preload class A GA	340 N
Static axial stiffness, preload class A	199 N/μm
Preload class B GB	1030 N
Static axial stiffness, preload class B	301 N/μm
Preload class C GC	2070 N
Static axial stiffness, preload class C	397 N/μm
Calculation factor f	1.2
Calculation factor f1	0.99

Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.07
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	0.83 kg